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Road Needs Study 2021

INVENTORY & ASSESSMENT

The Town of Gravenhurst

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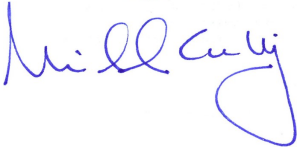
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1 Introduction

1.1 OVERVIEW

Tatham Engineering Limited was retained by the Town of Gravenhurst to complete the *Road Needs Study 2021* for the Town's road network. The principal objectives of this study are:

- review all background information and previous report;
- complete an inventory and evaluation of Town roads;
- update the existing road database;
- identify the need for and timing of road improvements, appropriate rehabilitation, reconstruction and/or improvement strategies, and associated costs for each road section;
- provide the Town with 4 alternative scenarios for 10-year capital works programs based on various funding levels and impacts to long term road network average condition ratings; and
- prioritize road improvement recommendations in coordination with the Master Storm Sewer Review Report to ensure road and sewer improvements are considered together.

All completed inventories and associated databases have been compiled in electronic form (Microsoft Excel) to enable quick and ready retrieval of the data. All data collected, and subsequent analyses and assessments, are provided in the electronic database which includes correlation with the Town's GIS platform for ease of data migration and implementation.

1.2 PURPOSE OF REPORT

The purpose of this report is to document the Town's existing road network, the methodology employed, and the existing conditions and needs. Specifically:

- Chapter 2 reviews the road inventory procedures employed;
- Chapter 3 presents existing and future traffic volumes;
- Chapter 4 summarizes the key existing conditions;
- Chapter 5 identifies the road deficiencies;
- Chapter 6 addresses the road network needs and improvements;
- Chapter 7 establishes the road network priorities and recommendations;
- Chapter 8 provides a cost comparative of gravel, surface treated and asphalt roads; and
- Chapter 9 provides a summary to the report.



2 Road Inventory

2.1 ROAD NETWORK

All roads within the Town of Gravenhurst that are currently under the Town's jurisdiction were inventoried (this excludes private roads, District roads and Provincial highways). In total, 733 road sections were inventoried with a total length of 254.7 kilometres (measured along the road centreline).

2.2 INVENTORY PROCEDURE

2.2.1 Inventory & Appraisal Guidelines

To ensure compliance with the appropriate Ministry of Transportation of Ontario (MTO) and Ontario Good Roads Association (OGRA) guidelines, the inventories reflect procedures as outlined in the following manuals:

- *Pavement Condition Index (PCI) for Flexible Pavement*; Ministry of Transportation of Ontario (August 1986);
- *Manual for Condition Rating of Surface Treated Pavements – Distress Manifestations SP-021*, Ministry of Transportation (August 1989);
- *Flexible Pavement Condition Rating – Guidelines for Municipalities SP-022*, Ministry of Transportation (August 1989);
- *Manual for Condition Rating of Flexible Pavements – Distress Manifestations SP-024*, Ministry of Transportation (August 1989);
- *Manual for Condition Rating of Gravel Surface Roads – Distress Manifestations SP-025*, Ministry of Transportation (August 1989);
- *Inventory Manual for Municipal Roads*; Ministry of Transportation of Ontario (February 1991); and
- *Measuring the Condition of Municipal Roads*, Ontario Good Roads Association, (undated).

Where necessary, the above guidelines were modified to reflect engineering standards and practices employed by the Town.

2.2.2 Inventory & Appraisal Form

The road inventories were completed using a combined field inventory and appraisal form developed from procedures set forth in the previously noted inventory manuals and guidelines and past studies. To ensure consistency between the *Road Needs Study 2021* and the Town's



Asset Management Plan, common road sections were employed. For each road section, the following key elements were determined, largely from field inspection and review, and road section inventory information received from the Town:

- identification (road name, starting point and end point);
- section identification number (as per road section inventory information received from the Town);
- section length (as per road section inventory information received from the Town);
- cross-section elements (number of lanes, overall platform width, surface type and width, shoulder type and width, drainage conditions, speed limit, and presence of sidewalks and curbs);
- geometric deficiencies (substandard horizontal and vertical curves);
- terrain conditions (rocky, flat, rolling, etc.);
- environment (rural, semi-urban urban, or industrial);
- ride comfort rating; and
- distress ratings (scores associated with the severity and density of the road surface distresses).

In addition to the above, observations with respect to the road environment, configuration, existing conditions or obvious defects were recorded.

The road inventory forms are provided in Appendix A. As the types of distresses vary by road surface (gravel, surface treated or asphalt), separate road inventory forms were prepared for each surface type.



3 Traffic Volumes & Operations

Traffic volumes and operations have been considered in the evaluation of the road system, identification of road system needs and prioritization of road improvements. For example, roads with poor operations may require road widenings to increase capacity and those serving higher traffic volumes may be addressed prior to those with reduced volumes (thus identified within the 10-year plan).

3.1 EXISTING VOLUMES

The 2016 *Road Needs Study* included 24-hour traffic counts completed at 60 locations in the Town. For those roads that were not specifically counted, estimates were prepared based on the level of development, type of road and volumes on other similar roads. While this data reflects 2016 conditions, the Town considers the volumes representative of current conditions given the limited population growth that has occurred in the past years.

Traffic volumes, reflective of average annual daily traffic (AADT) for each road section are provided in Appendix B whereas a summary is provided in Table 1.

Table 1: Average Annual Daily Traffic Volumes - 2021

AADT RANGE			ROAD SECTIONS		ROAD KILOMETRES	
			Number	Percent	Kilometres	Percent
AADT	< 50	144	20%	55.6	22%	
50 ≤	AADT <200	271	37%	105.3	41%	
200 ≤	AADT < 500	193	26%	64.8	25%	
500 ≤	AADT < 1000	91	12%	21.8	9%	
1000 ≤	AADT < 2000	21	3%	4.5	2%	
2000 ≤	AADT	13	2%	2.8	1%	
Total			733	100%	254.7	100%

The majority of the road network serves in the order of 50 to 500 vehicles per day (88% by length) while 12% of the road network serves more than 500 vehicles per day. 34 sections inventoried (5%) serve more than 1000 vehicles per day, 13 of which serve greater than 2000 vehicles per day.



3.2 FUTURE VOLUMES

Traffic volumes for 5, 10 and 20-year planning horizons (2026, 2031 and 2041) have been projected based on the existing 2021 traffic volumes with consideration for future growth. Traffic volumes throughout the Town are anticipated to grow in concert with overall growth in the Town and the abutting development areas.

3.2.1 Population Projections

A detailed municipal growth study has not been completed. Census data from Statistics Canada indicates an annual growth rate of 1.1% during the period of 2006 to 2016.

3.2.2 Future Traffic Volumes

It is expected that motorists will utilize the collector and arterial road networks for longer distance travel (District roads are considered arterials), whereas local roads will be used for short distance travel and local development access. In this regard, and to ensure a conservative approach, the following have been considered:

- 1% annual growth on local roads; and
- 2% annual growth on collector roads to reflect local and inter-regional travel and connectivity of these to the provincial highway network.

The noted growth rates were applied to the 2021 daily volumes to yield forecasts for 2026, 2031 and 2041. A summary of the 2041 (20-year) projections is provided in Table 2, whereas additional details for each road section and for each horizon year are provided in Appendix B.

Table 2: Average Annual Daily Traffic Volumes – 2041

AADT RANGE			ROAD SECTIONS		ROAD KILOMETRES	
			Number	Percent	Kilometres	Percent
AADT < 50		122	17%	47.4	19%	
50 ≤ AADT < 200		205	28%	72.5	28%	
200 ≤ AADT < 500		244	33%	89.8	35%	
500 ≤ AADT < 1000		101	14%	31.7	12%	
1000 ≤ AADT < 2000		40	5%	7.6	3%	
2000 ≤ AADT		21	3%	5.7	2%	
Total		733	100%	254.7	100%	



In comparing the 2041 projections with the 2021 traffic volumes, the following are noted:

- sections serving less than 50 vehicles per day will decrease from 22% to 19% by length;
- sections serving between 50 and 500 vehicles per day will decrease from 66% to 63% by length;
- sections serving more than 500 vehicles per day will increase from 12% to 17% by length; and
- 21 sections are expected to serve in excess of 2000 vehicles per day (up from 13).

3.3 TRAFFIC OPERATIONS

For planning purposes, the following road capacities are considered appropriate:

- local road: 400 vehicles per hour per lane (vphpl);
- collector road: 600 vphpl; and
- arterial road: 800 vphpl.

The varying capacities reflect the extent to which traffic operations are affected by operating speeds, the presence of driveways and intersections, traffic signals and other road users (with the greatest impacts occurring on local roads).

In considering daily operations, the above translate to the following daily lane capacities (employing a factor of 10):

- local road: 4000 vehicles per day per lane (vpdpl);
- collector road: 6000 vpdpl; and
- arterial road: 8000 vpdpl.

In this regard, a 2-lane collector road has a capacity of 12,000 vehicles per day, whereas a 2-lane arterial road has a capacity of 16,000 vehicles per day.

In considering the future projections and the noted capacities, the resulting volume to capacity ratios (a measure of the degree to which the road is utilized) are all acceptable. The greatest 2041 v/c ratio is 0.69, suggesting the corresponding road section is projected to operate at 69% of its assumed capacity. In this regard, there are no traffic operational issues anticipated on the road network and hence no need for additional road capacity.



4 Existing Road Conditions

A full road inventory presenting the existing road conditions is included in Appendix C, whereas summaries of select items (environment, classification, surface type, surface width and drainage) are presented below.

4.1 ROAD ENVIRONMENT

Road sections were categorized as rural, semi-urban, or urban, recognizing that road cross sections and standards differ should improvements be required.

- Rural roads are typical of areas with sparse developments or where development accounts for less than 50% of the street frontage.
- The semi-urban environment has development exceeding 50% of the frontage but no curb and gutter.
- The urban environment is defined as being where curb and gutters (or similar) are present (on one or both sides of the road) and a higher level of development is present.

A summary of the road environments is presented in Table 3. As noted, the majority of the roads are considered rural (84% by length).

Table 3: Road Environment

ENVIRONMENT	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Rural	430	59%	213.6	84%
Semi-Urban	221	30%	31.0	12%
Urban	82	11%	10.1	4%
Total	733	100%	254.7	100%

4.2 ROAD CLASS

The classification of the road network was based on the role and function of the road and the need to provide a hierarchy of transportation routes within the Town, and with input from the Town with respect to the proposed collector and local road networks. In particular, the following classes have been considered:



Local Roads	<ul style="list-style-type: none"> local roads are intended to provide access to abutting properties and to discourage through traffic travel speeds and road capacity are typically lower on local roads, reflective of the number of driveways and access points
Collector Roads	<ul style="list-style-type: none"> collector roads are intended to collect traffic from individual local roads and direct it to arterial roads (Provincial highways) provide connections for through traffic between arterial or upper tier roads direct access to abutting properties shall be minimized to the extent possible
Arterial Roads	<ul style="list-style-type: none"> arterial roads are major transportation routes carrying heavy volumes of inter-municipal traffic and may require and/or be planned for up to 4 through lanes (ie. 2 per direction) road width and intersection improvements shall be designed so as to encourage through traffic to use these routes rather than collector or local roads direct access to abutting properties will generally not be permitted

A summary of the overall road class distribution through the Town is provided in Table 4. It is noted that the Town does not have any arterial roads as these are typically considered District roads or Provincial highways.

Table 4: Road Class

CLASS	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Local	564	77%	181.2	71%
Collector	169	23%	73.5	29%
Arterial	0	0%	0.0	0%
Total	733	100%	254.7	100%

4.3 MAINTENANCE CLASS

All road sections have also been classified in accordance with the *Ontario Regulation 239/02 Minimum Maintenance Standards*. The purpose of the regulation is to establish road classifications from which minimum road maintenance standards can be established. Based on the average daily traffic volumes (ADT) and the posted speed limit, roads are classified into one of six classes, denoted simply as Class 1 through Class 6.

- A Class 1 road is typical of those with higher traffic volumes and/or speed limits (speed limit = 100 km/h regardless of ADT, or ADT > 8,000 and speed = 90 km/h or ADT > 23,000 and speed = 80 km/h), thus requiring a greater level of road maintenance.
- A Class 6 road is typical of low volume roads (ADT < 50 vehicles and speed ≤ 80 km/h; ADT



< 200 vehicles and speed \leq 50 km/h or ADT < 500 vehicles and speed \leq 40 km/h) and thus does not warrant the same maintenance standards.

A summary of the road classification is provided in Table 5.

Table 5: Maintenance Class

CLASS	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Class 1	0	0%	0.0	0%
Class 2	0	0%	0.0	0%
Class 3	0	0%	0.0	0%
Class 4	34	5%	7.7	3%
Class 5	271	37%	90.1	35%
Class 6	428	58%	157.0	62%
Total	733	100%	254.7	100%

As noted, all roads with an ADT of less than 50 and a speed limit of less than 80 km/h are considered Class 6 roads, meaning that there is no Minimum Maintenance Standard (ie. they are not subject to O.Reg. 239/02). In addition, the *Inventory Manual for Municipal Roads* deems the existing condition of rural roads with less than 50 AADT as being adequate (ie. addressed via routine maintenance only). Notwithstanding the latter, recommendations for low volume roads have been included in this study as requested by the Town.

4.4 SURFACE TYPE

Surface type refers to the surface material of the individual road sections, including:

- gravel;
- surface treatment (ie. low class bituminous or LCB which consists of an application of emulsified or liquid asphalt and aggregate over an existing surface); and
- asphalt (ie. high class bituminous or HCB).

The distribution of road surface types is summarized in Table 6. The majority (78%) are hard surfaced (asphalt or surface treated)..



Table 6: Road Surface

CLASS	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Gravel	120	16%	56.7	22%
Surface Treated	197	27%	116.8	46%
Asphalt	416	57%	81.2	32%
Total	733	100%	254.7	100%

4.5 SURFACE WIDTH

Surface width refers to the driving width of the road. For hard surfaced roads, the width is the actual width as measured from edge of pavement to edge of pavement (excluding shoulders) or curb face to curb face. For gravel roads, the surface width corresponds to the overall platform width (edge of road to edge of road) minus an assumed 0.5 metre shoulder width on both sides. A summary of the existing surface width, by range, is provided in Table 7.

Table 7: Surface Width

SURFACE WIDTH	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
width < 4m	32	4%	11.4	4%
4m ≤ width < 5m	55	8%	20.4	8%
5m ≤ width < 6m	103	14%	46.3	18%
6m ≤ width < 7m	275	38%	117.2	46%
7m ≤ width < 8m	188	26%	49.0	19%
8m ≤ width	80	11%	10.5	4%
Total	733	100%	254.7	100%

4.6 SURFACE ASSESSMENT

The assessment of the road network was completed in late May and early July 2021, during which the distresses summarized in the following sections were observed. It is noted that as the field assessment was completed during optimal (dry summer) conditions, the distresses observed could vary considerably from those conditions experienced during the spring season when frost



action generally tends to result in poorer road conditions and would affect the ride comfort ratings.

It is further noted that some road sections were upgraded following the field assessments. For these sections, the inventory data and field assessment was revised to reflect the upgraded conditions (including assignment of a Ride Comfort Rating of 10).

4.6.1 Surface Distresses

As noted on the respective road inventory appraisal forms, the road condition surveys involved recording the severity and density (or extent) of a number of distresses for each road section, as noted in Table 8.

Table 8: Surface Distresses

CATEGORY	ASPHALT ROADS	SURFACE TREATED ROAD	GRAVEL ROADS
Surface Defects	ravelling	loss of cover aggregates	loose gravel
	flushing or bleeding	streaking	dust
	potholes	flushing	potholes
	pavement edge breaks	potholes	breakup
	manholes & catchbasins	pavement edge breaks	
Surface Deformations	rippling & shoving	rippling	washboard
	wheel track rutting	wheel track rutting	rutting
	distortion	distortion	flat / reverse crown
	utility trenches		distortion
Cracking	longitudinal	longitudinal	
	transverse	transverse	
	pavement edge	pavement edge	
	map	alligator	
	alligator		

Below are examples of some common surface distresses found in the road network.



Asphalt roads:

Figure 1: Alligator Cracks on Ure Road (Section 1633)

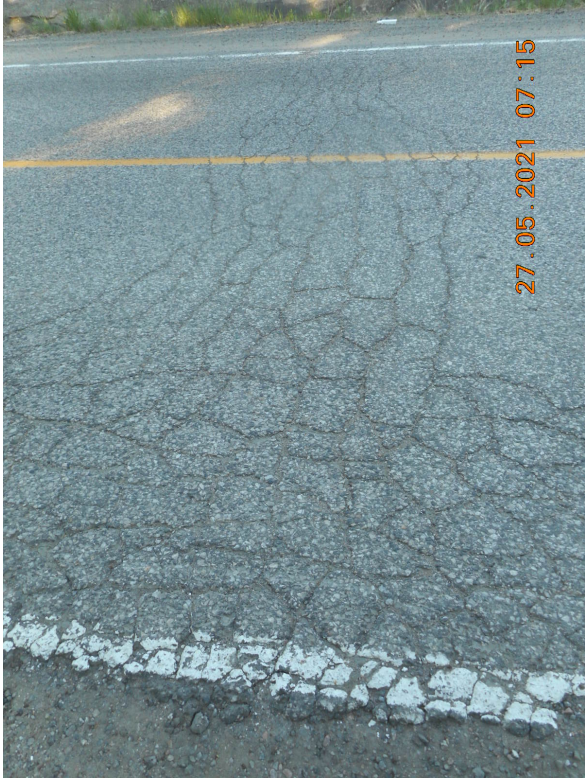


Figure 2: Pavement Edge Cracks on Tryon Drive (Section 1622)



Figure 3: Longitudinal Cracks on North Kabshe Lake Road (Section 1356)



Figure 4: Map Cracks on Sedore Road (Section 1624)



Figure 5: Pavement Edge Breakup on Sabre Lane (Section 1548)



Figure 6: Pothole on Kilworthy Road (Section 1237)



Surface treated roads:

Figure 7: Loss of Cover Aggregate on Sophers Landing Road (Section 1397)



Figure 8: Alligator Cracks and Pavement Edge Breakup on Reay Road (Section 1233)



Figure 9: Wheel Track Rutting on Kilworthy Road (Section 1499)



Gravel roads:

Figure 10: Flat/Reverse Crown on South Bay Road (Section 2038)



Figure 11: Washboarding on South Kabshe Lake Road (Section 1675)

4.6.2 Ride Comfort Rating

Further to noting existing surface deficiencies, a Ride Comfort Rating (RCR) was also established for each road section. The RCR is a subjective measure of the road section's ride comfort determined from a drive through of the section at posted speed and assigning a rating based on the scale shown in Table 9.

A summary of the resulting Ride Comfort Ratings is provided in Table 10 and illustrated graphically in Figure 12. The average RCR is 6.3, which is slightly higher than the weighted average (considering the length of each road section) of 6.2. In this respect, the overall road network is considered to have a good ride surface.

Table 9: Ride Comfort Rating Scale

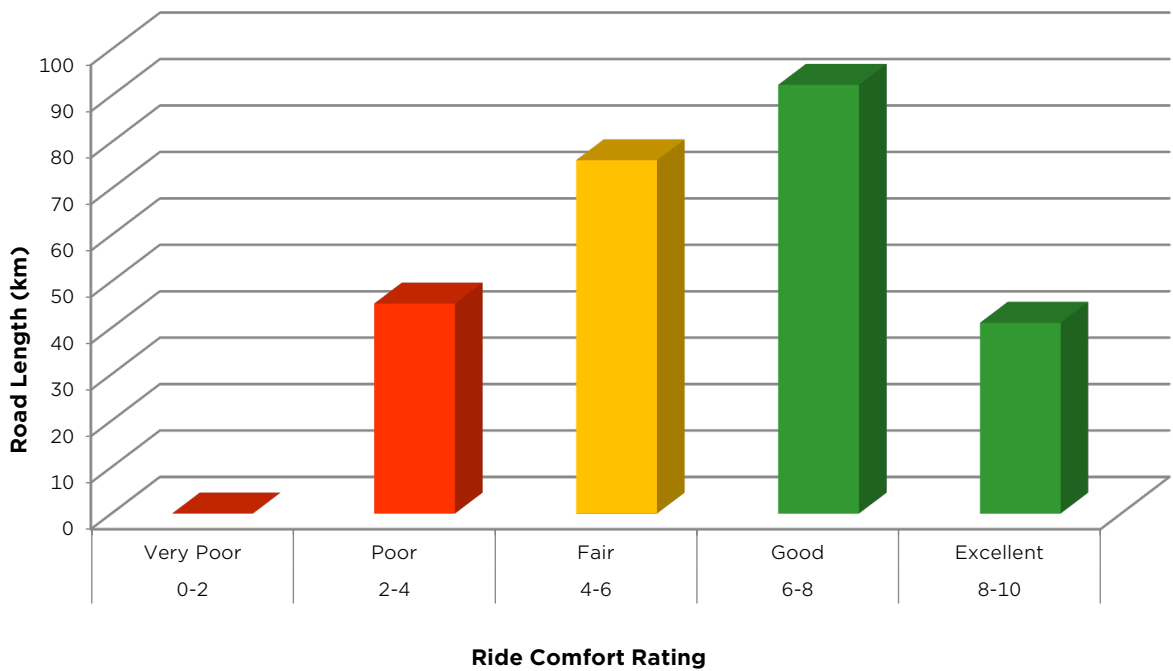
RCR	DESCRIPTION
0 < RCR ≤ 2	Very Poor uncomfortable with constant bumps or depressions
2 < RCR ≤ 4	Poor uncomfortable with frequent bumps or depressions
4 < RCR ≤ 6	Fair comfortable with intermittent bumps or depressions
6 < RCR ≤ 8	Good smooth with a few bumps or depressions
8 < RCR ≤ 10	Excellent very smooth road surface and ride



Table 10: Ride Comfort Rating

RCR	ROAD SECTIONS		ROAD KILOMETRES		
	Number	Percent	Kilometres	Percent	
0 < RCR ≤ 2	Very Poor	0	0%	0.0	0%
2 < RCR ≤ 4	Poor	58	8%	45.2	18%
4 < RCR ≤ 6	Fair	211	29%	76.1	30%
6 < RCR ≤ 8	Good	337	46%	92.3	36%
8 < RCR ≤ 10	Excellent	127	17%	41.1	16%
Total		733	100%	254.7	100%

Figure 12: Ride Comfort Rating by Road Length



4.6.3 Pavement Condition Index

The Pavement Condition Index (PCI) rates the condition of the surface of the road section. It is a numerical rating based on a scale of 0 to 100, with

- 0 being the worst possible condition (eg. an impassable road); and
- 100 being the best possible condition (eg. a road in perfect condition).



The PCI is calculated as follows:

$$PCI = 100 \times (0.1 \times RCR)^{0.5} \times [(A - DMI) \div A] \times C + S$$

where

RCR = Ride Comfort Rating

DMI = Distress Manifestation Index

$$= \sum W_i \times (S_i + D_i)$$

W_i = weight associated with each individual distress i

S_i = severity associated with each individual distress i

D_i = density associated with each individual distress i

A = maximum value of DMI (153 for asphalt, 135 for surface treated and 96 for gravel)

C = constant (0.924)

S = constant (8.856)

The corresponding distress weights, severity rating (slight, moderate or severe) and density rating (intermittent, frequent or extensive) are noted on the sample road appraisal forms provided in Appendix A. The distress weights are based upon the significance of each distress. For example, rutting is a significant pavement distress and thus has a weight of 3 (the highest weight) whereas some types of cracking are considered lesser distresses with corresponding reduced weights of 1. In general, base related distresses are weighted more heavily than surface related distresses. Similarly, a distress with a high severity will have a greater assigned rating than that same distress of low severity.

In considering the severity of each distress, “slight” severity refers to a condition that is observable but requires little or no action. “Moderate” and “severe” severity levels should reflect differences in the magnitude of the repair work. For example, slight potholes may require manual patching, while severe potholes may require the road section to undergo a rehabilitation project.

A summary of the PCI ranges by road sections and road length is provided in Table 11 and illustrated graphically in Figure 13 and Figure 14. Key metrics are as follows:

- the average PCI of the Municipal road network is 74.0;
- the weighted average (weighted by length) is 69.1; and
- weighted averages for the asphalt, surface treated and gravel roads are 79.8, 61.6 and 69.3 respectively.



Table 11: Pavement Condition Index

PCI					ROAD SECTIONS		ROAD KILOMETRES	
					Number	Percent	Kilometres	Percent
0	<	PCI	≤	10	0	0%	0.0	0%
10	<	PCI	≤	20	0	0%	0.0	0%
20	<	PCI	≤	30	1	0%	1.0	0%
30	<	PCI	≤	40	14	2%	7.6	3%
40	<	PCI	≤	50	47	6%	42.7	17%
50	<	PCI	≤	60	80	11%	32.8	13%
60	<	PCI	≤	70	136	19%	43.8	17%
70	<	PCI	≤	80	170	23%	52.9	21%
80	<	PCI	≤	90	174	24%	39.2	15%
90	<	PCI	≤	100	111	15%	34.7	14%
Total					733	100%	254.7	100%

Figure 13: Pavement Condition Index by Road Length

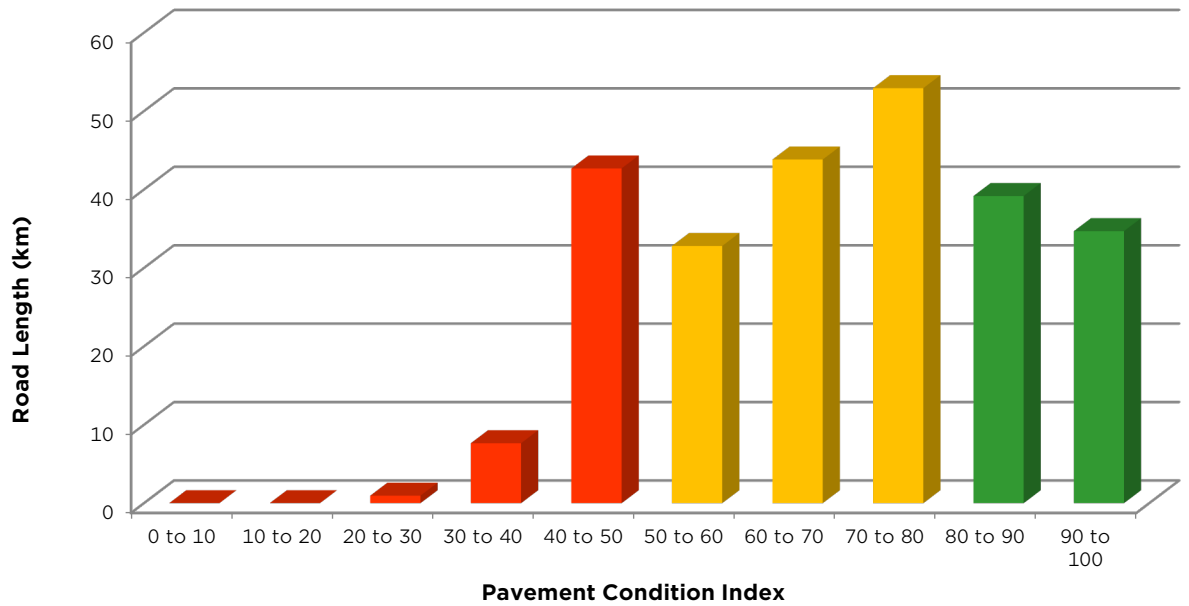


Figure 14: Pavement Condition Index by Road Surface

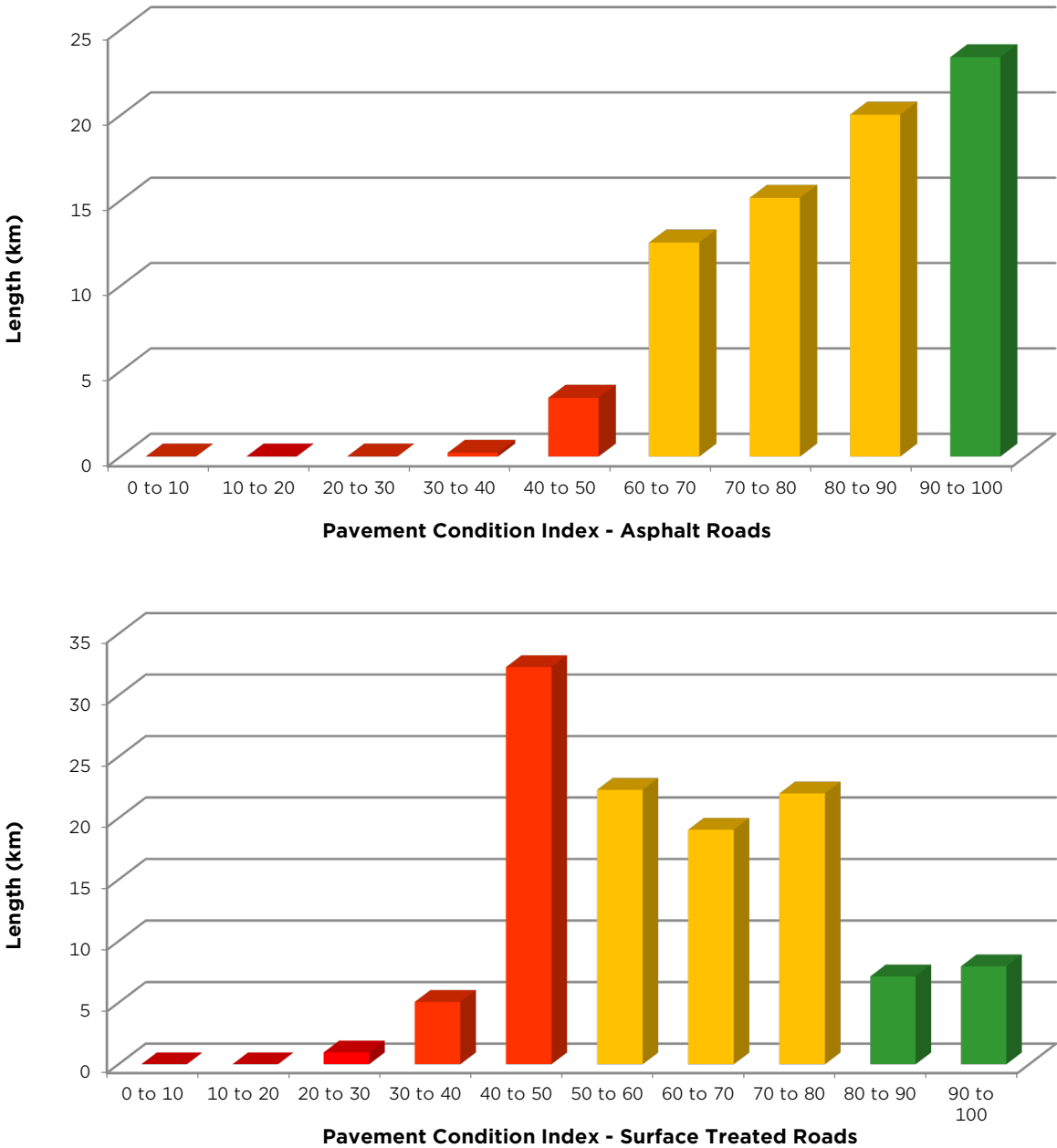
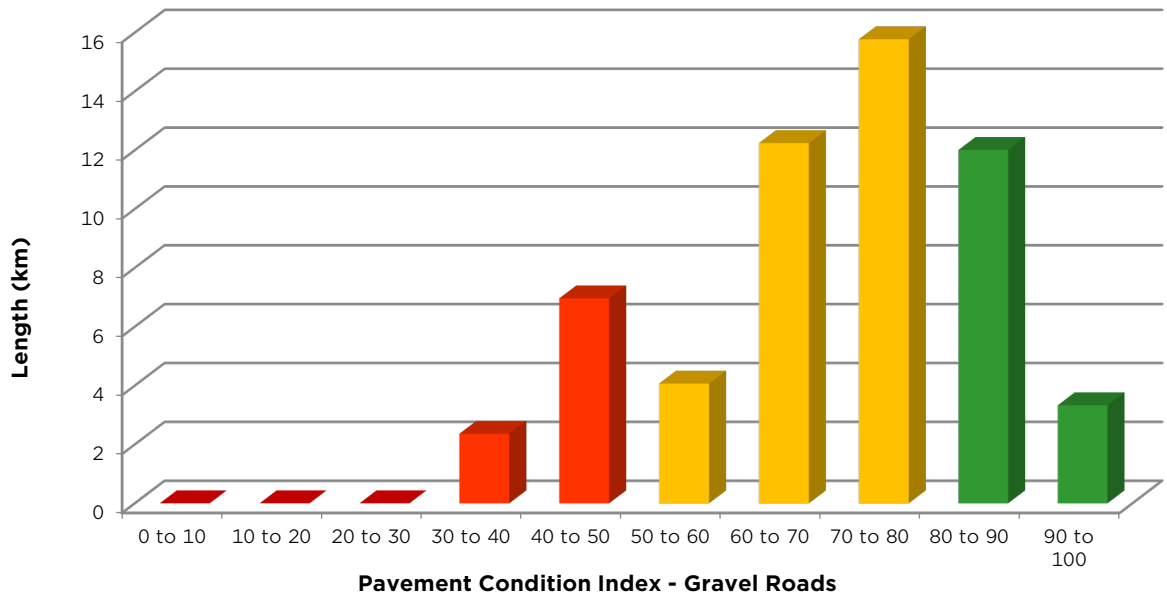


Figure 3: Pavement Condition Index by Road Surface (cont'd)



4.7 ROAD DRAINAGE

A number of road drainage systems were observed, as noted below and summarized in Table 12. The majority of the road sections (68% by length) have open ditches, reflective of the rural nature of the Town, whereas 25% by length had no identifiable drainage system. This could mean the ditches have been filled in over time or never existed in the first place. Drainage is a critical element in the lifespan of a road and should be considered a top priority when considering the need for improvements.

Table 12: Road Drainage

DRAINAGE	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
No Drainage System	268	37%	62.8	25%
Open Ditch	315	43%	172.9	68%
Storm Sewer	139	19%	17.7	7%
Ditch & Storm Sewer	9	1%	1.2	<1%
Other	2	<1%	0.1	<1%
Total	733	100%	254.7	100%



5 Road Needs Assessment

The need to improve an individual road section was determined by comparing the existing physical characteristics of the road network to minimum thresholds and/or minimum tolerable standards, as determined from:

- PCI decision matrices;
- the *Inventory Manual for Municipal Roads*; and/or
- typical Municipal Road standards and general road guidelines.

Should the existing conditions not meet the minimum thresholds, or deviate from the standards, a need exists, otherwise the road is considered adequate.

Further to the Pavement Condition Index, which addresses the surface condition of the road segment (and thus inherently provides information on the road base), road needs were also considered in context of the following (which are elements of the previous Condition Rating methodology employed in the *Inventory Manual for Municipal Roads*):

- road geometrics (substandard horizontal and/or vertical curves);
- road and shoulder widths;
- road surface type;
- traffic operations; and
- roadside drainage.

A full listing of the road sections and identified deficiencies are noted in Appendix E, whereas additional details are provided in the following sections. Maps of the Town's road network colour coded by year of improvement are included in Appendix J. The maps are based on the improvement scenario 4 discussed in Sections 7.3.3 and 7.4.

5.1 SURFACE CONDITION NEEDS

Surface condition needs have been established following a review of available literature and PCI guidelines to reflect repairs and treatments of similar nature and scope, and the corresponding overall pavement condition. In consideration of the relative significance associated with the road classifications (arterial vs collector vs local road), PCI decision matrices have been established based on road class and surface type as noted in Table 13 and Table 14. As evident, a local road condition will deteriorate to a further point as compared to collector or arterial roads before improvements are required. This is intended to reflect the role and function of each road class,



traffic volumes they serve, and the corresponding expected levels of service.

Table 13: PCI Decision Matrix - Asphalt & Surface Treated Roads

ROAD NEED	TIME OF NEED	PCI RANGE BY ROAD CLASS		
		Arterial	Collector	Local
Reconstruct	now	0-50	0-45	0-40
Rehabilitate	now	50-55	45-50	40-45
Resurface	1-5 years	55-75	50-70	45-70
Resurface	6-10 years	75-85	70-80	70-80
Adequate		85-100	80-100	80-100

Table 14: PCI Decision Matrix - Gravel Roads

ROAD NEED	TIME OF NEED	PCI RANGE BY ROAD CLASS		
		Arterial	Collector	Local
Reconstruct	now	0-30	0-25	0-20
Rehabilitate	now	30-50	25-45	20-40
Resurface	now	50-70	45-65	40-60
Adequate		70-100	65-100	60-100

5.1.1 Road Improvement Needs

As noted, a number of road improvement strategies have been considered in the PCI decision matrices, including:

- resurfacing to address minor surface or structural deficiencies (all road classifications);
- rehabilitation to address more significant structural deficiencies; and
- full reconstruction to address major structural deficiencies (all road classifications).

Resurfacing

Resurfacing includes the overlaying of the existing paved surface with a single or double lift of asphalt or surface treatment depending on the appropriate Municipal standard and existing surface type, recognizing that the surface type should not be downgraded (ie. if the road is



currently asphalt, any future works should also reflect an asphalt surface).

In the case of rural and semi-urban roads, it is assumed that the existing asphalt or surface treatment will be pulverized and regraded, an additional 100 mm of granular added followed by a new road surface. Additional granulars would also be applied to the gravel shoulders (if such exist).

Rehabilitation

Rehabilitation reflects roads with needs exceeding that of simple resurfacing, extending into road base issues. As such, it is assumed that 25% of the road base is to be replaced. For rehabilitation works, it is assumed that the existing road cross-section (ie. width of driving surface and shoulders) would be maintained. A more detailed geotechnical investigation of the road base is warranted prior to completing repairs to confirm the extent and costs of the base improvements.

Reconstruction

Reconstruction includes the full removal and replacement of the road, including the underlying base material. In the case of urban road sections, this will also include replacement of curb and gutter, in addition to adjustment of underground services.

For reconstruction of all roads (urban, semi-urban and rural roads), a minimum road width as per current Municipal standards has been assumed (the existing road width has been maintained if it exceeds the Municipal standard). A detailed geotechnical investigation of the road base is warranted prior to completing repairs to confirm the extent and costs of the base replacement or improvement needs

5.1.2 Time of Need

The time of need has been established based on the PCI decision matrices, road surface type, road classification and thresholds as noted in Table 13 and Table 14.

For hard surfaced roads (asphalt and surface treated), the time of need reflects when the road would have to be reconstructed assuming continued deterioration. For example, an arterial road with a PCI of 60 is likely to require reconstruction within the next 1 to 5 years provided no other works are undertaken. Resurfacing could be considered to extend the useful life of the road and defer the need for the future reconstruction (given that resurfacing will restore the PCI value).

Adequate

Roads with no identified surface condition needs are deemed adequate. Regular maintenance, including preventative maintenance measures, should be undertaken to prolong the adequate conditions.



Now Needs

Now needs represent construction improvements required immediately, based on the road condition (not otherwise considering available funding and/or pavement management strategy).

1 to 5 Year Needs

1 to 5-year needs identify road sections where road improvements are anticipated within the next 5 years, based upon a review of their current condition. These roads are good candidates for other strategies that would extend the life of the road (depending on the other deficiencies if any), deferring the need to improve. Strategies are likely limited to slurry sealing, micro surfacing or a surface overlay yet should be considered on a case by case basis to ensure the most appropriate strategy is employed.

6 to 10 Year Needs

6 to 10-year needs identify road sections where improvements are anticipated within 6 to 10 years, based upon a review of their current condition. These roads are also good candidates for other strategies to extend the life of the road and defer the need for improvement. Strategies should be considered on a case by case basis but could include slurry sealing, micro surfacing, crack sealing or a surface overlay.

5.1.3 Summary of Surface Condition Needs

The resulting road needs, as determined solely from the pavement condition indices (which are reflective of the road surface conditions) are summarized in Table 15.

Table 15: Surface Condition Needs

IMPROVEMENT	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Reconstruct	13	2%	6.2	2%
Rehabilitate	25	3%	22.8	9%
Widen & Resurface	103	14%	38.6	15%
Resurface	349	48%	123.8	49%
Adequate	243	33%	63.3	25%
Total	733	100%	254.7	100%



In considering the improvement needs (ie. reconstruct, rehabilitate, widen and resurface or resurface), they amount to 490 road sections (67% of the total road sections) and 191.5 km (75% of the total road length).

5.2 SURFACE TYPE NEEDS

The required road surface types were based on Municipal standards (the corresponding standards are provided in Appendix D). In general, all roads to be resurfaced are to be resurfaced with their existing surface type. An alternative resurfacing approach, where surface treated roads are resurfaced with asphalt, and the resulting affects to the road network average PCI is discussed in Section 8.

5.3 SURFACE WIDTH NEEDS

The required road surface width is based on Municipal Standards, road class and environment, as per the corresponding standards provided in Appendix D and summarized in Table 16.

Table 16: Surface Width Requirements

ROAD CLASS	RURAL	SEMI-URBAN	URBAN
Local Road	3.25m lanes	3.5m lanes	4.0m lanes
Collector Road	3.25m lanes	3.5m lanes	4.0m lanes
Arterial Road	3.25m lanes	3.5m lanes	4.0m lanes

In establishing road width deficiencies, a minimum tolerable standard has also been considered, as determined from MTO standards and in context of typical Municipal standards. For purposes of assessment, minimum tolerable lane widths shown in Table 17 have been assumed.

Table 17: Tolerable Surface Widths

ROAD CLASS	RURAL	SEMI-URBAN	URBAN
Local Road	3.0m lanes	3.0m lanes	3.5m lanes
Collector Road	3.0m lanes	3.0m lanes	3.5m lanes
Arterial Road	3.0m lanes	3.0m lanes	3.5m lanes

Only when the road width is less than the minimum tolerable standard, is a road width deficiency noted. This recognizes that while a road's width may be less than the desired standard, it may provide adequate function and operations, and hence widening may not be required.



The resulting road width needs are summarized in Table 18. It is noted that all surface width deficiencies are considered “now” needs. As previously noted, for asphalt and surface treated roads, the existing width corresponds to the hard surface width (eg. edge of pavement to edge of pavement); for gravel roads, the road width is taken as the existing gravel width less 1.0 metre, which is considered as shoulder (0.5 metre shoulder per side).

Table 18: Surface Width Needs

NEED	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Now	199	27%	79.0	31%
Adequate	534	73%	175.7	69%
Total	733	100%	254.7	100%

5.4 SHOULDER WIDTH NEEDS

The shoulder width requirements are detailed in the standards of Appendix D for rural and semi-urban roads (shoulders are not required on urban roads and thus not listed). For rural roads a 1.25 metre gravel shoulder has been adopted and 0.6 meters on semi urban roads. As with the road width, a minimum tolerable shoulder width has also been considered (0.5 metres in all cases), with deficiencies noted only when the existing shoulder width is less than the minimum tolerable width.

For gravel roads, shoulders are assumed to be 0.5 metres wide. However, gravel shoulders are not otherwise readily distinguishable from the gravel travel lanes and that with reduced gravel road widths, motorists will use the entire width as the lane. A summary of needs is provided in Table 19. All shoulder width needs are considered “now” needs.

Table 19: Shoulder Width Needs

NEED	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Now	18	2%	10.0	4%
Adequate	715	98%	244.8	96%
Total	733	100%	254.7	100%



5.5 ROAD CAPACITY NEEDS

For planning purposes, the road capacities noted in Table 20 are considered appropriate. The varying capacities reflect the extent to which traffic operations are affected by operating speeds, the presence of driveways and intersections, traffic signals and other road users (with the greatest impacts occurring on local roads). In considering daily operations on 2-lane roads, the daily capacity of a single lane is assumed 10x the hourly capacity.

Table 20: Road Capacity

ROAD CLASS	HOURLY CAPACITY PER LANE	DAILY CAPACITY PER 2 LANE ROAD
Local Road	400 vehicles	8,000 vehicles
Collector Road	600 vehicles	12,000 vehicles
Arterial Road	800 vehicles	16,000 vehicles

In considering the future projected volumes and the noted capacities, all Town roads will operate within the available capacity (the highest operating level is 46% of capacity based on 2021 operations and 69% of capacity based on 2041 operations). As such, there are no capacity needs.

5.6 DRAINAGE NEEDS

For rural and semi-urban roads, the drainage needs have been based on a visual inspection which includes consideration for the ability of the roadside ditch (provided such is present) to adequately drain the road base and convey stormwater flows (including height of road grade, cross slope, ditch capacity and maintenance efforts required to maintain the ditches). A drainage need may occur on road sections that have otherwise been rated adequate or that have other identified needs. For roads with storm sewers (typically urban), the drainage condition is typically recorded as good or fair, with a poor rating usually only applied if the storm sewer inlets are unable to effectively capture runoff. This recognizes that the assessment is based on a visual inspection only and does not include evaluation of the storm sewer condition or capacity.

Further to the visual inspection, recommendations from the 2021 *Master Storm Sewer Review* have also been reviewed and considered in the road system assessment. Wherever the MSSR report recommended storm sewer improvements be completed in conjunction with future road improvements, the storm sewer improvement costs have been included in the road improvement cost estimate. Urgent and specific storm sewer needs identified in the MSSR have not been considered as they do not relate specifically to a road improvement or are more urgent than the road improvements and should be done as soon as budget will allow. These urgent needs are costed in the MSSR.



A summary of the drainage needs is provided in Table 21. A decision matrix using the PCI value and drainage assessment was developed to assess drainage needs and timing for the improvement. It is anticipated that drainage will be addressed with other road improvements and/or through routine maintenance and thus improvements to address drainage deficiencies alone are not considered in the needs and cost of this report.

Table 21: Drainage Needs

NEED	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
Now	199	27%	82.0	32%
1-5 year	310	42%	102.5	40%
6-10 year	157	21%	56.6	22%
Adequate	67	9%	13.7	5%
Total	733	100%	254.7	100%

5.7 MULTIPLE NEEDS

The majority (92%) of road sections inventoried have one or more deficiencies, considering surface condition, road geometrics, surface type, surface width, shoulder width, road capacity and drainage. A summary is provided in Table 22 with a full listing provided in Appendix E.

Table 22: Multiple Deficiency Road Sections

NUMBER OF DEFICIENCIES	ROAD SECTIONS		ROAD KILOMETRES	
	Number	Percent	Kilometres	Percent
0	60	8%	11.9	5%
1	472	64%	158.5	62%
2	190	26%	81.1	32%
3	10	1%	3.1	1%
4	1	0%	0.1	0%
5	0	0%	0.0	0%
6	0	0%	0.0	0%
7	0	0%	0.0	0%
Total	733	100%	254.7	100%



6 Road Improvements

The need to improve an individual road section was determined by comparing the existing physical characteristics of the road network to the minimum tolerable standards, as defined in the *Inventory Manual for Municipal Roads* and/or established in conjunction with Town standards and relevant design guidelines. Should the existing conditions deviate from the standards, a need exists, otherwise the road is considered adequate.

6.1 IMPROVEMENT STRATEGIES

For each identified road improvement need, a corresponding improvement strategy was identified. In considering current Town practices, the following improvement strategies have been considered:

Resurface	<ul style="list-style-type: none"> resurface to address minor structural deficiencies or surface type deficiencies
R	<ul style="list-style-type: none"> resurface with one lift of asphalt, as dictated by the appropriate road standards applicable to urban roads only
Pulverize & Resurface	<ul style="list-style-type: none"> pulverize and resurface to address minor structural deficiencies or surface type deficiencies
PR	<ul style="list-style-type: none"> resurface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards applicable to rural and semi-urban roads only
Widen & Resurface	<ul style="list-style-type: none"> widen and resurface to address surface width deficiencies and/or capacity deficiencies
WR	<ul style="list-style-type: none"> resurface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards
Base & Surface	<ul style="list-style-type: none"> resurface or pulverize and resurface to address minor structural deficiencies or surface type deficiencies replace 25% of the road base to address structural deficiencies
BS	<ul style="list-style-type: none"> surface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards
Reconstruct	<ul style="list-style-type: none"> reconstruct to address major structural deficiencies replace 100% of the road base
REC	<ul style="list-style-type: none"> surface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards

Resurfacing strategies (including pulverization and resurfacing) include the overlaying of the existing surface with gravel, a single or double lift of asphalt or double lift of surface treatment, depending on the existing road surface and corresponding standard. For pulverization and



resurfacing, it is assumed that a 100 mm lift of Granular A will be placed prior to finishing of the road surface. Scarifying and grading, in the case of existing gravel roads, would be used in place of pulverization (the intent of which is to break up the existing gravel surface and renew it) with additional granular placed as noted. In addition, resurfacing applies to roads with an identified surface type need (ie. if the road is currently gravel but should be surface treated or asphalt based on the design standards, resurfacing has been recommended). Again, it is assumed that an additional lift of Granular A will be placed. With resurfacing strategies, the existing shoulder and road widths are maintained.

To address surface width deficiencies and/or capacity deficiencies, the road is to be widened. As discussed in Section 4.3, there is no Minimum Maintenance Standard for Class 6 roads and therefore the existing condition is considered adequate, and no widening is required. Where widening is the only deficiency, no widening recommendations have been made per the Town's request. Otherwise, gravel roads of Class 1 to 5 are to be widened to a gravel surface, provided this surface type is adequate, whereas hard top roads are to be widened and resurfaced with a new hard top surface. In the case of widening gravel roads, it is assumed that a new 100 mm lift of Granular A will be placed over the entire road width to provide an upgraded driving surface. Widening would include a widening of the road surface and the shoulders to reflect current Town standards.

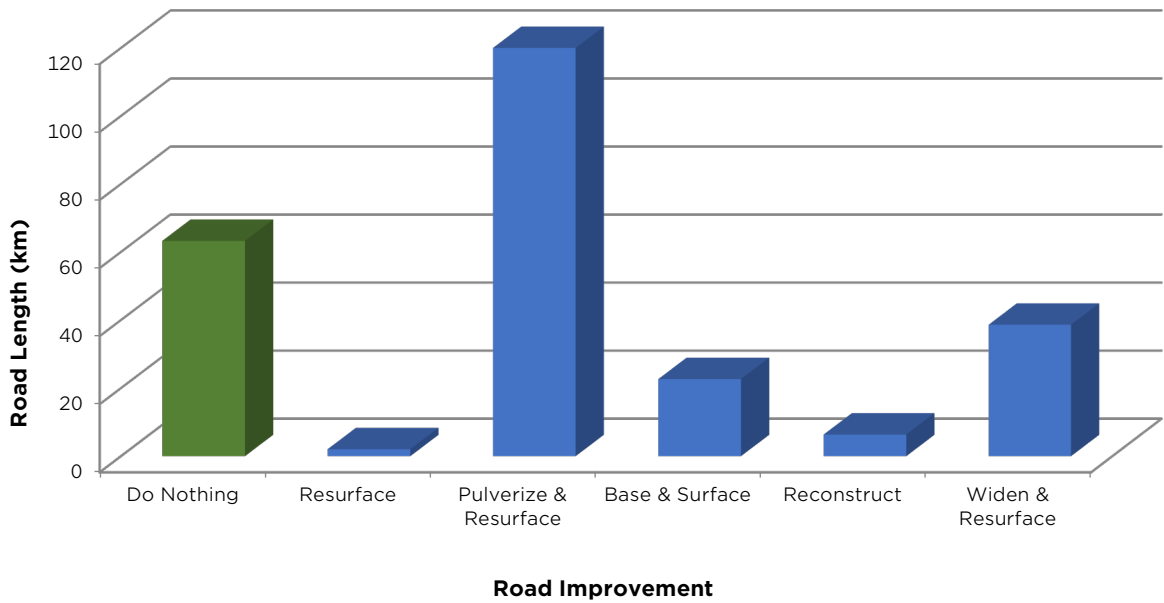
Reconstruction includes the removal and replacement of the road, including underlying granular material. In the case of urban road sections, this will also include replacement of curb and gutter.

6.2 IMPROVEMENT RECOMMENDATIONS

The identified road deficiencies and resulting road improvement recommendations are listed in Appendix E by road section - where no improvements are required, no recommendations are otherwise provided. Figure 15 illustrates the resulting length of road requiring improvement by type of improvement. Overall, 67% of the current road network requires improvements within 10 years, the majority of which is pulverize and resurface (121.8 km or 48%).



Figure 15: Road Improvement Recommendations by Road Length



For each identified road section deficiency, the time of need was also identified - now, within years 1 to 5, or within years 6 to 10 - which was based on minimum acceptable standards and a review of the required road improvements. These individual requirements were then reviewed to determine the timing of the recommended road section improvements, which are noted in Appendix E.

6.3 IMPROVEMENT COSTS

6.3.1 Benchmark Costs

Cost estimates to address the identified needs and implement the improvements have been based on the benchmark cost method as outlined in the *Inventory Manual for Municipal Roads* and in consideration of Town road standards and improvement strategies previously discussed. The benchmark costs consider all major cost items associated with road construction. Individual costs have been prepared specific to each improvement strategy based on the road environment and cross-section. As these elements can vary by road section, general benchmark costs cannot be determined; rather they are determined for each specific application.

6.3.2 Per Unit Costs

Per unit construction costs have been determined based on information obtained from recent projects/tender awards, supplemented with cost information from other road improvement projects within the area. The unit costs employed in this study are listed in Table 23.



Table 23: Unit Costs

ITEM	UNIT	COST	ITEM	UNIT	COST
Excavation & disposal	m ³	\$15	Storm sewer - 525mm	metre	\$475
Hot mix asphalt	tonne	\$135	Manhole - remove	each	\$1,000
Surface treatment - single	m ²	\$4	Manhole - place	each	\$10,000
Surface treatment - double	m ²	\$8	Manhole- adjust	each	\$1,000
Granular A	tonne	\$28	Catch basin - leads	m	\$325
Granular B	tonne	\$30	Catch basin - remove	each	\$750
Curb & gutter - remove	m	\$25	Catch basin - place	each	\$6,000
Curb & gutter - place	m	\$80	Catch basin - adjust	each	\$1,000
Sub drains	m	\$25	Asphalt pulverizing	m ²	\$5
Asphalt planning	m ²	\$5	Scarify & grade gravel road	m ²	\$3.65

6.3.3 Adjustment Factors

In addition to the basic construction costs developed from the above per unit costs, various adjustment factors have also been implemented in the overall benchmark cost development (as per MTO standards). These include:

- basic construction factor (to account for small construction items);
- engineering factor (to account for engineering design and construction supervision);
- contingency factor (to allow for unforeseen costs); and
- terrain and soil type factor (to account for the various terrains and presence of rock).

6.3.4 Estimated Road Improvement Costs

The resulting road improvement costs, which reflect the benchmark cost procedures, adjustment factors and recommended improvement strategies, are provided for each road section in Appendix E (improvements by road section), whereas a summary is provided in Table 24. In total

- 490 of 733 road sections warrant improvements, amounting to 191.5 km (75%); and
- the total improvement cost is \$38.0M.



Table 24: Improvement Cost Summary

NEED & IMPROVEMENT	ROAD SECTIONS	ROAD LENGTH (KM)	ROAD LENGTH (%)	COST
Do Nothing	243	63.3	25%	\$0
Resurface	16	2.1	1%	\$1,082,000
Pulverize & Resurface	333	121.8	48%	\$27,100,000
Base & Surface	24	22.7	9%	\$4,984,000
Reconstruction	14	6.4	2%	\$4,786,000
Widen & Resurface	103	38.6	15%	\$0
Total	733	254.7	100%	\$37,952,000



7 Priorities & Recommendations

Further to the identification of the road improvement needs and timing of such (ie. now, 1-5 years or 6-10 years), the improvements have been prioritized to provide the Town with a mechanism for implementation. The development of the road priority has considered the following:

- physical road condition (ie, pavement condition index);
- traffic volumes; and
- road improvement costs.

7.1 PRIORITY RATING

To assist in determining the relative importance and the benefit of improving an individual road section before another, each deficient section has been rated based on the Ministry of Transportation's priority rating scheme. This is an empirical approach, which considers not only the existing condition of the road section (as per the condition rating), but also the traffic volumes that it serves. In this regard, roads of equal condition are prioritized based on their traffic volumes, with priority given to those which serve the greater number of users. While a road may be in poor condition and hence have a low condition rating, it may not justify having priority if it serves lower traffic volumes.

$$\text{Priority Rating} = 0.2 (100 - \text{Condition Rating}) \times (\text{AADT} + 40)^{0.25}$$

where

Condition Rating = a score out of 100 to reflect the physical condition of the road section (PCI has been employed in lieu of the condition rating)

AADT = average annual daily traffic volume

The resulting priority ratings are provided in Appendix F for those road sections which have identified deficiencies requiring improvements (ranked highest to lowest).

7.2 PRIORITY GUIDE NUMBER

For practical purposes, consideration should also be given to the cost of improving the road section, which is the purpose of calculating a priority guide number. Although a road section may have a high priority rating indicative of poor conditions and/or high traffic volumes, the improvement costs per vehicle-kilometre of travel may be substantial and thus not justified as a top priority. For each road section with noted improvement costs, a priority guide number has been determined in accordance with the following MTO guidelines:



$$\text{Priority Guide Number} = \frac{100 - \text{Condition Rating}}{\text{Cost per Vehicle}\cdot\text{km (in cents)}}$$

where

$$\text{Condition Rating} = \text{a score out of 100 to reflect the physical condition of the road section (PCI has been employed in lieu of the condition rating)}$$

In considering the cost per vehicle kilometre (in cents), a 20-year period is considered for the construction type improvements whereas a 10-year period is considered for the resurfacing type improvements (indicative of the life span of each) as indicated below:

$$\text{Construction: Cost per Vehicle}\cdot\text{km} = \frac{\text{Cost per km (in cents)}}{\frac{(\text{Present AADT} + \text{Future AADT})}{2} \times (365 \text{ days/year}) \times 20 \text{ years}}$$

$$\text{Resurfacing: Cost per Vehicle}\cdot\text{km} = \frac{\text{Cost per km (in cents)}}{\frac{(\text{Present AADT} + \text{Future AADT})}{2} \times (365 \text{ days/year}) \times 10 \text{ years}}$$

The larger the priority guide number, the higher the priority of the section relative to its condition, the traffic it is serving and the cost of improving the section to provide the most service to traffic for the dollar expended. The resulting priority guide numbers are provided in Appendix G for those road sections which have identified deficiencies requiring improvements (ranked highest to lowest).

It is noted that the Priority Guide Number is premised on life cycle costing. Improvement needs are typically delayed on those sections that require reconstruction or major rehabilitation because the benefits for dollars spent are generally lower than maintenance candidates. After the relatively good roads are "saved", improvements are directed towards the poorer collector roads, and then to the local roads in need of major rehabilitation.

7.3 IMPROVEMENT SCHEDULE

7.3.1 Basis for Scheduling

Improvements have been identified and scheduled based on the time of need derived from the PCI Decision Matrix and prioritized within these horizons (now, 1-5 years, 6-10 years) using the priority guide. To yield maximum cost effectiveness, a continuity of construction approach has been applied to the scheduling whereby improvements recommended for adjacent sections on the same road have been combined into the same year, or in subsequent years as necessary due to budget limitations, rather than completing short sections on the same road over several years. In some cases, this results in road sections with lower priority guide numbers being



recommended before sections with higher priority guide. This is justified by the cost savings and reduced construction related impacts to area residents.

7.3.2 Other Considerations

This study has provided recommendations for the prioritization of road improvements based on the existing conditions at the time of the inventory and subsequently assigned time of need. Continuity of construction was also considered, where consecutive road sections or several road sections within the same area, are considered for construction in the same year to yield maximum cost efficiencies and to reduce construction related impacts to area residents, regardless of the overall ranking. There are a number of additional factors that should also be considered to establish the Town's annual improvement program. This includes consideration for the following:

1. Availability of funds. Depending on the Town's budget, it may not be possible to address all the Now needs right away; remaining improvements would carry over to the following year.
2. Replacement of infrastructure. Infrastructure renewal should be considered in conjunction with the road works and vice versa to ensure roads that were recently repaired do not need to be disturbed to replace underground infrastructure. Specifically, storm sewer upgrades recommended in the *Master Storm Sewer Report* (MSSR) should be considered. The preparation of recommendations in this study included a review of the MSSR.
3. Implications of development. If future development is likely to require road works (or servicing which in turn will require road works), it may be necessary to postpone or accelerate the works.
4. Reconstruction vs resurfacing. While the Priority Guide Number provides an overall order of the road improvement program, further consideration can be given to the timing of preservation and rehabilitation work. In some cases, it may be preferable to defer the full reconstruction of a higher priority road (eg. "let the bad roads fail") in favour of resurfacing work on a lower priority road (eg. "keep the good roads good").

7.3.3 Improvement Schedules

Implementation schedules to complete all recommended improvements within 10-years have been prepared. Four scenarios have been considered as detailed below.



- Scenario 1
 - Complete all recommended road improvements over 10 years.
 - Does not include surface type upgrades and storm sewer improvements.
- Scenario 2
 - Complete all recommended road improvements over 10 years. Includes upgrading surface treated roads to asphalt but does not include storm sewer improvements.
- Scenario 3
 - Complete all recommended road improvements over 10 years.
 - Includes storm sewer improvements but does not include upgrading surface treated roads to asphalt.
- Scenario 4
 - Complete all recommended road improvements over 10 years.
 - Includes upgrading surface treated roads to asphalt roads and storm sewer improvements

Table 25 summarizes the results of these scenarios. Maps of the Town's road network colour coded by year of improvement for scenario 4 are included in Appendix J whereas 10-year improvement programs (that averages the costs of all recommended improvements over a 10-year implementation period) are provided in Appendix H.

Table 25: Improvement Cost Scenarios with Cost Saving Measures Implemented

SCENARIO	ROAD SECTIONS	ROAD LENGTH (KM)	COSTS	
			Total 10 Year Cost	Annual Average Cost
Scenario 1	387	152.9	\$32.9 M	\$3.29 M
Scenario 2	387	152.9	\$37.9 M	\$3.79 M
Scenario 3	387	152.9	\$37.9 M	\$3.79 M
Scenario 4	387	152.9	\$42.9 M	\$4.29 M

In preparing the noted scenarios, the following are noted:

- per the Town's request all "widening only" needs have been excluded from these scenarios;
- while the *Inventory Manual for Municipal Roads* suggests that road sections serving less than 50 vehicles per day (ie. AADT < 50) are considered to be adequate and should be addressed through normal maintenance activities, as per the Town's request any associated recommendations have been included in the improvement needs; and
- each scenario includes recommendations for Pinedale, Beaver Ridge and North Morrison Lake Roads to be completed in 2022, per the Town's request based on previous planning and budgeting.



7.4 IMPROVEMENT SCENARIOS & AVERAGE NETWORK PCI PROJECTION

Based on the four funding scenarios discussed above, the average PCI for the road network has been determined for each year, with consideration for the following:

- annual improvements were implemented in accordance with the recommended annual budget and implementation schedule;
- upon being improved, the road section's PCI value was restored to 100 (for simplicity, this has been assumed for all types of improvements); and
- for those road sections that remain unimproved, and for subsequent years after a road improvement is implemented, the PCI values decrease based on idealized PCI degradation curves (provided in Appendix H).

Two variables were considered in various combinations for the four scenarios:

1. upgrading surface treated roads to asphalt; and
2. implementing storm sewer upgrades as recommended in the *Master Storm Sewer Report* (MSSR).

It is noted drainage improvement recommendations in the MSSR are only included in this report if they are on roads with improvement needs. The MSSR includes many drainage improvement recommendations outside of municipal road allowances or on roads that do not have needs identified by this report or are on roads not included in the scope of this report (District roads), and these drainage improvements are not accounted for in the cost estimates presented in this report.

Table 26 lists the various scenarios and projected PCI values at the end of the 10-year period as well as the total estimated cost to implement the recommended upgrades in the scenario.



Table 26: Alternative improvement Cost Scenarios & PCI Projection

SCENARIO	10-YEAR WEIGHTED AVERAGE ROAD NETWORK PCI VALUE	10-YEAR SPEND
Current Road System¹	69.1	-
Scenario 1 No surface upgrades No storm sewer improvements	71.6	\$32,927,000
Scenario 2 Upgrade surface treatment to asphalt No storm sewer improvements	73.4	\$37,952,000
Scenario 3 No surface upgrades Include storm sewer improvements	71.6	\$37,941,000
Scenario 4 Upgrade surface treatment to asphalt Include storm sewer improvements	73.4	\$42,966,000

¹ reflects current road network PCI values, which were used as the starting point under each Scenario. The average PCI presented in this table is weighted by length.

It must be noted that the PCI values and standard PCI degradation curves do not consider the effects of storm sewer improvements on pavement conditions/lifecycles. Therefore, the above projected average PCI values for scenarios where storm sewer improvements are undertaken are not expected to be reflective of the improvements an effective storm sewer system could have on the longevity of the pavement surfaces resulting in higher PCI values.

It is understood that the Town's objective is to maintain a minimum overall average PCI of 70 at the end of a 10-year period. As shown in Table 26, all scenarios achieve this objective. These projected PCI values do not account for annual maintenance, which, when accounted for, would result in higher PCI values.

As a consequence of budget constraints, not all improvements can be completed within their recommended time horizon. Table 27 breaks down the costs of the various needs and time horizons of Scenario 3 in Table 26 as an example. The "now" needs total \$10.7 million, which far exceeds the annual budget. Therefore, over half of the "now" needs will be delayed to subsequent years which in turn delays implementation of improvements recommended for future horizons. As a result, the PCI of some sections will drop below the threshold that which would trigger an improvement, and the average road network PCI will decrease until a point late in the 10-year implementation plan when needs are once again being addressed within their recommended time horizon. For example, in Scenario 3, with an annual budget of \$3.8 million, the cost of now needs (\$10.7M) would not be covered until year 3, thereby delaying implementation of the 1-5 year needs into later years and impacting the implementation of 6-10 year needs. This budget and



cost of needs relationship is illustrated in Figure 16 and Table 28.

Table 27: Timing of Needs - Scenario 3

NEED	ROAD SECTIONS		ROAD KILOMETRES		COST
	Number	Percent	Kilometres	Percent	
Now	55	8%	40.0	16%	\$10,741,000
1-5 year	157	21%	66.1	26%	\$14,350,000
6-10 year	175	24%	46.7	18%	\$12,861,000
Adequate	346	47%	101.9	40%	\$0
Total	733	100%	254.7	100%	\$37,952,000

Figure 16: Example Budget & Cost of Needs Relationship (Scenario 3)

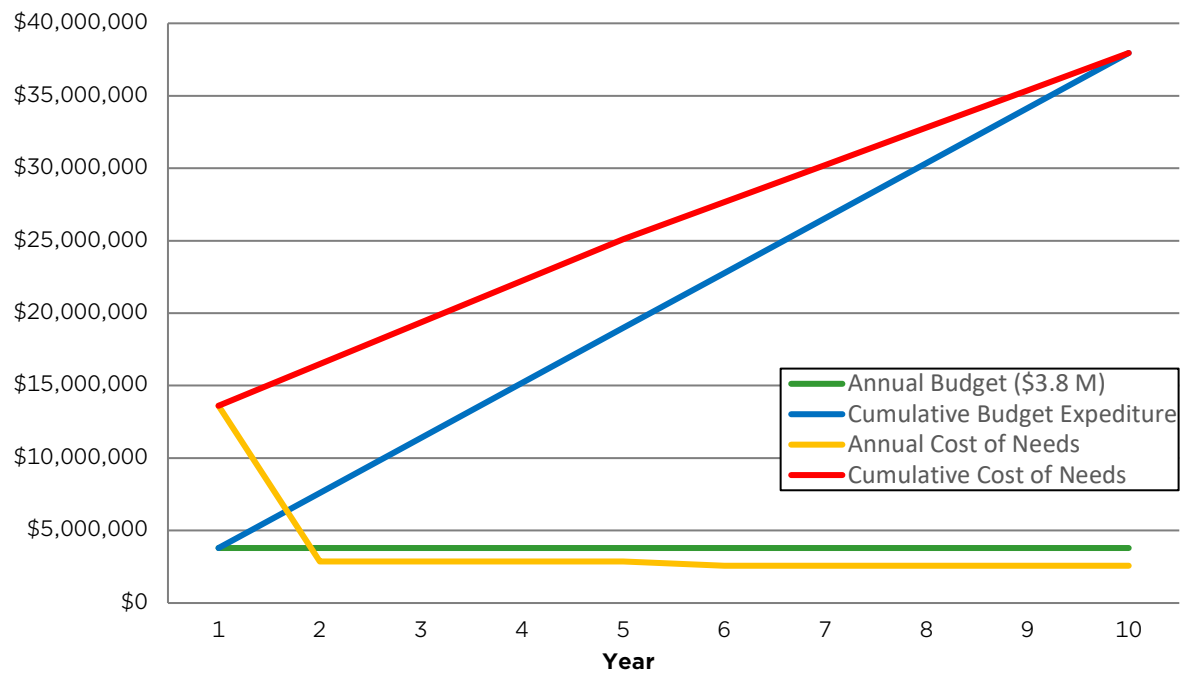


Table 28: Example Budget & Cost of Needs Relationship (Scenario 3)

YEAR	ANNUAL BUDGET	CUMULATIVE BUDGET EXPENDITURE	ANNUAL COST OF NEEDS	CUMULATIVE COST OF NEEDS
1 (+NOW)	\$3,795,200	\$3,795,200	\$13,611,000	\$13,611,000
2	\$3,795,200	\$7,590,400	\$2,870,000	\$16,481,000
3	\$3,795,200	\$11,385,600	\$2,870,000	\$19,351,000
4	\$3,795,200	\$15,180,800	\$2,870,000	\$22,221,000
5	\$3,795,200	\$18,976,000	\$2,870,000	\$25,091,000
6	\$3,795,200	\$22,771,200	\$2,572,200	\$27,663,200
7	\$3,795,200	\$26,566,400	\$2,572,200	\$30,235,400
8	\$3,795,200	\$30,361,600	\$2,572,200	\$32,807,600
9	\$3,795,200	\$34,156,800	\$2,572,200	\$35,379,800
10	\$3,795,200	\$37,952,000	\$2,572,200	\$37,952,000
Total	\$37,952,000	\$37,952,000	\$37,952,000	\$37,952,000

Note: 1-5 year and 6-10 year needs are averaged over the period.



8 Road Surface Management

Road authorities are often faced with the decision on the best approach to maintaining their gravel road network and at what point should improvements or upgrades be implemented (namely the introduction of a hard surface - either surface treatment or asphalt). The purpose of this chapter is to review the most appropriate road surface management strategy for further consideration by the Town.

8.1 GRAVEL VS HARD SURFACE

The introduction of a hard surface to an otherwise gravel road has a number of advantages and disadvantages.

8.1.1 Advantages

Advantages to a hard surface include the following (many of which are difficult to associate a value to or may not provide a direct benefit to the Town):

- effectively waterproofs the road base, which can reduce the potential for load related damage of the road during inclement weather;
- reduces fugitive dust emissions (dust is a nuisance to road users and area residents, and can cause extra engine wear, oil consumption and maintenance costs);
- provides a smoother surface which is often less noisy and hence favoured to road users;
- improves winter surface as often snow and ice can be completely scraped from the road surface (albeit this may be offset by higher snow removal costs);
- offers higher skid resistance (offset by higher vehicle speeds);
- reduces vehicle maintenance costs (with gravel roads, there is greater rolling resistance and less traction which increases fuel consumption and can lead to additional tire wear and influences maintenance and repair expenses);
- improves vehicle and driver efficiency that reduces fuel costs;
- redistributes traffic away from other gravel roads (reducing maintenance requirements) as road users preferentially select paved roads; and
- possibly increases the tax base as real estate next to paved (but formerly gravel) roads increases in value and development increases (offset by problems that typically occur when rural areas are developed).



8.1.2 Disadvantages

Disadvantages of hard surface include:

- higher cost to implement as compared to a gravel surface;
- depending on the structure of the road base, hard surfaced roads may be more difficult and more expensive to maintain; and
- hard surfaces often result in increased traffic volumes and higher travel speeds (or at least the perception of such).

8.1.3 Decision Tools

There have been numerous studies, papers and models developed over the years that address the viability of paving gravel roads and seek to quantify the associated costs and benefits over the life of the road section. Decision aids or tools have been developed for many jurisdictions, several of which are premised strictly on road classification and function (eg. arterial roads are to be paved), or traffic volumes and vehicle composition (eg. roads serving more than 200 to 300 vehicles per day should be paved). Studies have indicated that beyond 200 to 300 vehicles per day, paving begins to become feasible as road maintenance costs rise in proportion and the economics of paving begin to match the cost of continued maintenance of the gravel.

In addition to an economic base, many of the decision aids include other non-economic factors that are more subjective and hence difficult to quantify. In consideration of the latter, the assessment presented herein is premised on the economics of implementing and maintaining a hard surface vs a gravel road over the corresponding horizon.

8.2 LIFE-CYCLE COST ASSESSMENT

A life-cycle cost assessment can include the costs expended by the Town to build and maintain the given road in addition to user costs relating to vehicle operations, accidents and delays (all of which are incurred by the user). For this study however, the focus is strictly on the costs to be borne by the Town.

8.2.1 General Approach

The general approach to the life-cycle cost assessment is premised on the following:

- a typical rural road section, 7.0 metres in width, 1.0 km in length with a gravel surface;
- consideration for a gravel surface, double surface treatment or 50mm of hot mix asphalt;
- a 60 year assessment period; and
- consideration for good, moderate and poor road bases which in turn dictate increased levels



of road maintenance and hence costs.

The last bullet recognizes that the condition of the road base may differ significantly between roads due to a number of factors (eg. initial construction, level of maintenance, roadside environment, traffic volumes, etc.) as exhibited through the findings of this study. As such, it may not be appropriate to apply a “blanket approach” across the Town’s road network. For those road sections with moderate or poor road bases, additional consideration would be prudent to ensuring an appropriate road base prior to the implementation of the hard surface, to fully realize the long-term benefits of such (upgrading the road base would obviously result in additional costs at the onset).

8.2.2 Gravel Roads

The assumptions considered for the implementation and maintenance of a rural gravel road are detailed in Table 29. As noted, with a moderate base, additional dust control, grading, maintenance gravel and spot gravel are required as compared to a good base.

Table 29: Life-Cycle Cost Assumptions - Gravel

ACTIVITY	GOOD BASE	MODERATE BASE	POOR BASE
Dust control	16,800 L per year	16,800 L per year	25,200 L per year
Grading	6 times per year	24 times per year	48 times per year
Maintenance gravel	50 mm depth every 3 years	50 mm depth every 3 years	50 mm depth every 3 years
Spot gravel	10 tonnes every 7 years	15 tonnes every 5 years	15 tonnes every 3 years

8.2.3 Surface Treated Roads

The assumptions considered for the implementation and maintenance of a surfaced treated road are detailed in Table 30. For a double surface treatment, the following life spans are assumed:

- 15 years for a good base;
- 10 years for a moderate base; and
- 5 years for a poor base.

The need for slurry seals, cold mix patch and spray patch is dependent on the respective time of need for the reapplication of the double surface treatment (such are limited with a poor road base in that the double surface treatment is applied every 5 years).



Table 30: Life-Cycle Cost Assumptions - Surface Treatment

ACTIVITY	GOOD BASE	MODERATE BASE	POOR BASE
Double surface treatment	15 year life every 15 years	10 year life every 10 years	5 year life every 5 years
Slurry seal	2 years after DST	2 years after DST	not required
Cold mix patch	1 tonne Years 5, 10, 20, 25, 35, 40, 50 & 55	3 tonnes Years 5, 15, 25, 35, 45, & 55	3 tonnes annually starting 3 years after DST
Spray patch	500 m ² 10 years after DST	500 m ² 5 years after DST	not required
Pulverize	in conjunction with DST application	in conjunction with DST application	in conjunction with DST application

8.2.4 Asphalt Roads

The assumptions considered for the implementation and maintenance of an asphalt road are detailed in Table 31. For an asphalt road (single lift of 50 mm depth), the following life spans are assumed (it is noted that the life spans are double that of the surface treated road and reflect a constant incremental change of 10 years between the good, moderate and poor road bases):

- 30 years for a good base;
- 20 years for a moderate base; and
- 10 years for a poor base.

Table 31: Life-Cycle Cost Assumptions - Asphalt

ACTIVITY	GOOD BASE	MODERATE BASE	POOR BASE
Asphalt	30 year life every 30 years	20 year life every 20 years	10 year life every 10 years
Crack seal	every 12 years following paving	every 5 years (not Years 20 or 40)	5 years after asphalt
Patch repair	300 m ² Years 15 & 45	500 m ² 10 years after asphalt	not required
Micro-surfacing	20 years after asphalt	15 years after asphalt	not required
Pulverize	in conjunction with asphalt paving	in conjunction with asphalt paving	in conjunction with asphalt paving

As the asphalt depth is only 50mm, it is assumed that any repaving encompasses pulverizing the



existing surface and placement of an additional 50mm of asphalt (as opposed to mill and replace with 40 mm, which is difficult with only a single lift of asphalt).

As with the surface treated roads, the preventative measures including patch repair and micro-surfacing are not required with a poor road base given the frequency in which the road is to be repaved.

8.2.5 Unit Costs

The unit costs employed in the life-cycle costing are provided in Table 32.

Table 32: Life-Cycle Cost Assumptions - Unit Costs

ITEM	UNIT	COST	ITEM	UNIT	COST
Granular A	tonne	\$28	Pulverize	m ²	\$3.65
Double Surface Treatment	m ²	\$8	Grind	m ²	\$2.5
Slurry Seal	m ²	\$2.50	Asphalt	tonne	\$135
Spray Patch	m ²	\$3	Asphalt (65mm)	m ²	\$21.50
Micro-surfacing	m ²	\$6	Asphalt (40mm)	m ²	\$13.23
Patch Repair	m ²	\$45	Dust Control	L	\$0.10
Crack Seal	m	\$5	Grading	per km	\$75
Cold Mix Patch	tonne	\$190			

8.2.6 Life-Cycle Costs

The results of the life-cycle cost assessment are presented in Table 33, whereas detailed worksheets specific to each road surface type and road base condition (showing the expenditures over the 60 year life-cycle cost horizon) are provided in Appendix I.

Table 33: Life-Cycle Costs

ROAD SURFACE	GOOD BASE	MODERATE BASE	POOR BASE
Gravel	\$600,440	\$684,240	\$846,000
Surface Treated	\$403,720	\$606,720	\$985,440
Asphalt	\$399,660	\$639,990	\$877,980

life-cycle costs are over a 60-year period



As illustrated, the asphalt application provides the lowest total cost (all in 2021 dollars) for roads with a good road base. In considering those roads with a moderate base, surface treatment is the most cost effective followed by asphalt then gravel. For those roads with a poor base, the gravel surface is the most cost effective.

8.3 RECOMMENDATIONS

In context of the life-cycle cost assessment, and in consideration of the other benefits that a hard surface road will provide (as detailed in Section 8.1 and including reduced user costs), it is recommended that a hard surface be considered for all gravel roads with a good or moderate base. For those with a poor base, base improvements should be considered prior to the implementation of a hard surface, otherwise a gravel surface is recommended.

Consideration should also be given to the volume of traffic that each road serves in confirming the most appropriate road surface (typically hard surface is reserved for those roads serving in excess of 200 to 300 vehicles per day) and also prioritizing such improvements (higher volume roads should be considered first).

Furthermore, recognizing that the decision to pave a gravel road may affect the public, public consultation is recommended to ensure such will be readily accepted. In most cases, the public will likely welcome the smoother riding surface, reduced dust and safer driving environment. However, paved surfaces are often thought to encourage higher travel speeds and increased traffic volumes (or at least there is often such a perception), which may not be amenable to all.



9 Summary

9.1 ROAD NETWORK

The purpose of the *Road Needs Study 2021* is to provide the Town with a “road map” to maintaining the road network in good condition. In doing so, the study has estimated traffic volumes on each inventoried road section, provided an inventory and assessment of existing conditions, and established the need for road works.

In implementing the recommended improvements, consideration should be given to the priority guide number, which not only reflects the need for the improvement and traffic volumes served by each road section, but also considers the associated costs and prioritizes the works based on the resulting benefit value (ie. the improvement which gives the most benefit for the dollar spent). In conjunction with this, the Town must also consider additional factors in determining the annual road program. Such factors might include external development pressures, continuity of construction, other infrastructure needs and available funds. Where possible, federal and provincial infrastructure programs should be explored as a source of funding, as should the Town's Development Charges.

9.2 LEVEL OF SERVICE

The current road network has an overall average (weighted) PCI of 69.1 which is quite good. By surface type, asphalt roads have an average PCI of 79.8, surface treated roads are 61.6 and gravel roads are 69.3. An average PCI of 70 ensures all improvements are generally limited to resurfacing in the 1 to 5 year or 6 to 10 year horizons as indicated in Table 13 and Table 14. This is an appropriate target level of service as it provides for a generally suitable road network while limiting significant expenditures on more costly repairs when the PCI drops lower. In this regard the Town is almost meeting the recommended level of service which is apparent in the overall average Ride Comfort Rating of 6.3 out of 10 and indicates a comfortable (good is 6-8) riding surface is present throughout the Town.

As discussed previously, the inspection timing will reflect conditions which may not be realized during the spring thaw. However, the conditions noted will reflect the typical annual conditions.

All of the recommended 10-year plan scenarios included in Appendix H will ensure the current level of service is maintained and will maintain or increase the overall average PCI as more gravel/surface treated roads are converted to an asphalt surface which is inherently smoother and more durable, provided the road bases are adequate.



9.3 ROAD SURFACE MANAGEMENT

The upgrading of existing gravel roads to a hard surface (either surfaced treatment or asphalt) was reviewed considering common practice and typical costs with respect to road maintenance. In considering the anticipated life span of each road surface type, and the application of preventative measures during the assessment period (60 years), it was determined that a hard surface would be the most cost effective for those road surfaces with a good road base (with little cost differential between the surface treated and asphalt options). While there is less economic benefit for those roads with moderate road bases, a hard surface should nonetheless be considered in context of other benefits and cost savings that could be realized (namely user costs). For those roads with a poor road base, a gravel surface is considered appropriate.

9.4 STUDY UPDATES

To maintain the Road Needs Study and ensure accurate representation of existing conditions, and effective annual budgeting, major updates to the study should be undertaken bi-annually.



Appendix A: Road Inventory Forms

IDENTIFICATION

ASPHALT

Road Name

From

To

Section

Inspected By

Inspected On

ROAD INVENTORY

Length <input type="text"/> m	Platform Width <input type="text"/> m	Surface Width <input type="text"/> m	Shoulder Width <input type="text"/> m	No. of Lanes <input type="text"/>	Speed Limit <input type="text"/> km/h	Substandard Curves H: <input type="text"/> V: <input type="text"/>
----------------------------------	--	---	--	--------------------------------------	--	---

2019 AADT <input type="text"/> vpd	2024 AADT <input type="text"/> vpd	2029 AADT <input type="text"/> vpd	2039 AADT <input type="text"/> vpd
---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------

Road Classification <input type="text"/> local	<input type="text"/> collector	<input type="text"/> arterial	O.Reg 239/02 Class <input type="text"/>	Sidewalk even side <input type="text"/>
---	--------------------------------	-------------------------------	--	--

Road Environment <input type="text"/> rural	<input type="text"/> semi-urban	<input type="text"/> urban	Maintenance <input type="text"/>	Sidewalk odd side <input type="text"/>
--	---------------------------------	----------------------------	-------------------------------------	---

Drainage <input type="text"/> no ditch	<input type="text"/> open ditch	<input type="text"/> storm sewer	<input type="text"/> sewer & ditch	<input type="text"/> other
---	---------------------------------	----------------------------------	------------------------------------	----------------------------

Drainage Assessment <input type="text"/> good	<input type="text"/> fair (minor improvements/maintenance required)	<input type="text"/> poor (major improvements/maintenance required)
--	---	---

Terrain <input type="text"/> non-rocky flat	<input type="text"/> non-rocky rolling	<input type="text"/> non-rocky rugged	<input type="text"/> rocky flat	<input type="text"/> rocky rolling
--	--	---------------------------------------	---------------------------------	------------------------------------

Surface Type <input type="text"/> earth/dirt	<input type="text"/> gravel	<input type="text"/> surface treated	<input type="text"/> asphalt	<input type="text"/> other
---	-----------------------------	--------------------------------------	------------------------------	----------------------------

Shoulder Type <input type="text"/> earth/dirt	<input type="text"/> gravel	<input type="text"/> surface treated	<input type="text"/> asphalt	<input type="text"/> other
--	-----------------------------	--------------------------------------	------------------------------	----------------------------

Curb Even Side <input type="text"/> no curb	<input type="text"/> barrier	<input type="text"/> curb & gutter	<input type="text"/> mountable	<input type="text"/> asphalt
--	------------------------------	------------------------------------	--------------------------------	------------------------------

<input type="text"/> no curb	<input type="text"/> barrier	<input type="text"/> curb & gutter	<input type="text"/> mountable	<input type="text"/> asphalt
------------------------------	------------------------------	------------------------------------	--------------------------------	------------------------------

Township History

Field Comments & Observations

IDENTIFICATION

ASPHALT

Road Name	<input style="width:95%;" type="text"/>	Section	<input style="width:95%;" type="text"/>
From	<input style="width:95%;" type="text"/>	Inspected By	<input style="width:95%;" type="text"/>
To	<input style="width:95%;" type="text"/>	Inspected On	<input style="width:95%;" type="text"/>

SURFACE CONDITION NEEDS

Ride Comfort Rating (RCR) at posted speed		Distress Weight	Severity of Distress (Si)					Density of Distress (Di)					Distress Manifestation Index			
			Very Slight	Slight	Moderate	Severe	Very Severe	< 10%	Intermittent 10-20%	Frequent 20-40%	Extensive 40-80%	Throughout > 80%				
1	2	3	4	5	6	7	8	9	10	very rough and bumpy		uncomfortable			smooth & pleasant	
Defects, Deformations & Cracking		Wi	0.5	1	2	3	4	0.5	1	2	3	4	DMI			
Surface Defects	1 Ravelling	3.0														
	2 Flushing or bleeding	1.5														
	3 Potholes	3.0														
	4 Pavement edge breaks	2.0														
	5 Manholes & catchbasins	1.0														
Surface Deformations	6 Rippling & shoving	1.0														
	7 Wheel track rutting	3.0														
	8 Distortion	3.0														
Cracking	9 Utility trenches	1.0														
	10 Longitudinal	1.0														
	11 Transverse	1.0														
	12 Pavement edge	1.0														
	13 Map	1.0														
	14 Alligator	3.0														

Ride Comfort Rating (RCR): _____ Distress Manifestation Index (DMI): _____ Pavement Condition Index (PCI): _____

Field Comments & Recommendations

OVERALL ROAD ASSESSMENT & RECOMMENDATIONS

Road Condition	Geometrics	Surface Type	Surface Width	Shoulder Width	Road Capacity	Drainage
<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/> m	<input style="width:95%;" type="text"/> m	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>
Maintenance Need & Timing	Improvement Recommendation			Improve Time	Improve \$\$	
<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>			<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>

IDENTIFICATION

SURFACE TREATED

Road Name

From

To

Section

Inspected By

Inspected On

ROAD INVENTORY

Length <input type="text" value="m"/>	Platform Width <input type="text" value="m"/>	Surface Width <input type="text" value="m"/>	Shoulder Width <input type="text" value="m"/>	No. of Lanes <input type="text"/>	Speed Limit <input type="text" value="km/h"/>	Substandard Curves H: <input type="text"/> V: <input type="text"/>	
2019 AADT <input type="text" value="vpd"/>	2024 AADT <input type="text" value="vpd"/>	2029 AADT <input type="text" value="vpd"/>	2039 AADT <input type="text" value="vpd"/>				
Road Classification			O.Reg 239/02		Sidewalk even side		
<input type="text" value="local"/>	<input type="text" value="collector"/>	<input type="text" value="arterial"/>	<input type="text" value="Class"/>		<input type="text"/>		
Road Environment			Maintenance		Sidewalk odd side		
<input type="text" value="rural"/>	<input type="text" value="semi-urban"/>	<input type="text" value="urban"/>	<input type="text"/>		<input type="text"/>		
Drainage							
<input type="text" value="no ditch"/>	<input type="text" value="open ditch"/>	<input type="text" value="storm sewer"/>	<input type="text" value="sewer & ditch"/>		<input type="text" value="other"/>		
Drainage Assessment							
<input type="text" value="good"/>	<input type="text" value="fair (minor improvements/maintenance required)"/>		<input type="text" value="poor (major improvements/maintenance required)"/>				
Terrain							
<input type="text" value="non-rocky flat"/>	<input type="text" value="non-rocky rolling"/>	<input type="text" value="non-rocky rugged"/>	<input type="text" value="rocky flat"/>		<input type="text" value="rocky rolling"/>		
Surface Type							
<input type="text" value="earth/dirt"/>	<input type="text" value="gravel"/>	<input type="text" value="surface treated"/>	<input type="text" value="asphalt"/>		<input type="text" value="other"/>		
Shoulder Type							
<input type="text" value="earth/dirt"/>	<input type="text" value="gravel"/>	<input type="text" value="surface treated"/>	<input type="text" value="asphalt"/>		<input type="text" value="other"/>		
Curb Even Side							
<input type="text" value="no curb"/>	<input type="text" value="barrier"/>	<input type="text" value="curb & gutter"/>	<input type="text" value="mountable"/>		<input type="text" value="asphalt"/>		
<input type="text" value="no curb"/>	<input type="text" value="barrier"/>	<input type="text" value="curb & gutter"/>	<input type="text" value="mountable"/>		<input type="text" value="asphalt"/>		

Township History

Field Comments & Observations

IDENTIFICATION

SURFACE TREATED

Road Name	<input style="width:95%;" type="text"/>	Section	<input style="width:95%;" type="text"/>
From	<input style="width:95%;" type="text"/>	Inspected By	<input style="width:95%;" type="text"/>
To	<input style="width:95%;" type="text"/>	Inspected On	<input style="width:95%;" type="text"/>

SURFACE CONDITION NEEDS

Ride Comfort Rating (RCR) at posted speed		Distress Weight	Severity of Distress (Si)					Density of Distress (Di)					Distress Manifestation Index			
			Very Slight	Slight	Moderate	Severe	Very Severe	< 10%	10-20%	20-40%	40-80%	> 80%				
1	2	3	4	5	6	7	8	9	10	very rough and bumpy		uncomfortable			smooth & pleasant	
Defects, Deformations & Cracking		Wi	0.5	1	2	3	4	0.5	1	2	3	4	DMI			
Surface Defects	1 Loss of cover aggregate	3.0														
	2 Streaking	1.0														
	3 Flushing	2.0														
	4 Potholes	1.0														
	5 Pavement edge break	2.0														
Surface Deformations	6 Rippling	2.0														
	7 Wheel track rutting	3.0														
	8 Distortion	3.0														
Cracking	9 Longitudinal	1.0														
	10 Transverse	0.5														
	11 Pavement edge	1.0														
	12 Alligator	3.0														

Ride Comfort Rating (RCR): _____ Distress Manifestation Index (DMI): _____ Pavement Condition Index (PCI): _____

Field Comments & Recommendations

OVERALL ROAD ASSESSMENT & RECOMMENDATIONS

Road Condition	Geometrics	Surface Type	Surface Width	Shoulder Width	Road Capacity	Drainage
<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/> m	<input style="width:95%;" type="text"/> m	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>
Maintenance Need & Timing	Improvement Recommendation			Improve Time	Improve \$\$	
<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>			<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>

IDENTIFICATION

GRAVEL

Road Name

From

To

Section

Inspected By

Inspected On

ROAD INVENTORY

Length <input type="text"/> m	Platform Width <input type="text"/> m	Surface Width <input type="text"/> m	Shoulder Width <input type="text"/> m	No. of Lanes <input type="text"/>	Speed Limit <input type="text"/> km/h	Substandard Curves H: <input type="text"/> V: <input type="text"/>
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2019 AADT <input type="text"/> vpd	2024 AADT <input type="text"/> vpd	2029 AADT <input type="text"/> vpd	2039 AADT <input type="text"/> vpd
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Road Classification <input type="text"/> local	<input type="text"/> collector	<input type="text"/> arterial	O.Reg 239/02 Class <input type="text"/>	Sidewalk even side <input type="text"/>
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Road Environment <input type="text"/> rural	<input type="text"/> semi-urban	<input type="text"/> urban	Maintenance <input type="text"/>	Sidewalk odd side <input type="text"/>
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Drainage <input type="text"/> no ditch	<input type="text"/> open ditch	<input type="text"/> storm sewer	<input type="text"/> sewer & ditch	<input type="text"/> other
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Drainage Assessment <input type="text"/> good	<input type="text"/> fair (minor improvements/maintenance required)	<input type="text"/> poor (major improvements/maintenance required)
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Terrain <input type="text"/> non-rocky flat	<input type="text"/> non-rocky rolling	<input type="text"/> non-rocky rugged	<input type="text"/> rocky flat	<input type="text"/> rocky rolling
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Surface Type <input type="text"/> earth/dirt	<input type="text"/> gravel	<input type="text"/> surface treated	<input type="text"/> asphalt	<input type="text"/> other
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Shoulder Type <input type="text"/> earth/dirt	<input type="text"/> gravel	<input type="text"/> surface treated	<input type="text"/> asphalt	<input type="text"/> other
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Curb Even Side <input type="text"/> no curb	<input type="text"/> barrier	<input type="text"/> curb & gutter	<input type="text"/> mountable	<input type="text"/> asphalt
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<input type="text"/> no curb	<input type="text"/> barrier	<input type="text"/> curb & gutter	<input type="text"/> mountable	<input type="text"/> asphalt
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Township History

Field Comments & Observations

IDENTIFICATION

GRAVEL

Road Name	<input style="width:95%;" type="text"/>	Section	<input style="width:95%;" type="text"/>
From	<input style="width:95%;" type="text"/>	Inspected By	<input style="width:95%;" type="text"/>
To	<input style="width:95%;" type="text"/>	Inspected On	<input style="width:95%;" type="text"/>

SURFACE CONDITION NEEDS

Ride Comfort Rating (RCR) at posted speed		Distress Weight	Severity of Distress (Si)					Density of Distress (Di)					Distress Manifestation Index						
1	2		3	4	5	6	7	8	9	10	Very Slight	Slight		Moderate	Severe	Very Severe	< 10%	10-20%	20-40%
very rough and bumpy			uncomfortable					smooth & pleasant											
Defects, Deformations & Cracking		Wi	0.5	1	2	3	4	0.5	1	2	3	4	DMI						
Surface Defects	1 Loose gravel	1.5																	
	2 Dust	0.5																	
	3 Potholes	2.0																	
	4 Breakup	3.0																	
Surface Deformations	5 Washboard	1.0																	
	6 Rutting	3.0																	
	7 Flat / reverse crown	2.0																	
	8 Distortion	3.0																	
Cracking																			

Ride Comfort Rating (RCR): _____ Distress Manifestation Index (DMI): _____ Pavement Condition Index (PCI): _____

Field Comments & Recommendations

OVERALL ROAD ASSESSMENT & RECOMMENDATIONS

Road Condition	Geometrics	Surface Type	Surface Width	Shoulder Width	Road Capacity	Drainage
<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/> m	<input style="width:95%;" type="text"/> m	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>
Maintenance Need & Timing	Improvement Recommendation			Improve Time	Improve \$\$	
<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>			<input style="width:95%;" type="text"/>	<input style="width:95%;" type="text"/>

Appendix B: Traffic Data

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	12000	800	7%	A	900	8%	1000	A	1200	10%	6
1715	1292 Brydons Bay Road	Brydons Bay Road	End	4000	5	0%	A	10	0%	10	A	10	0%	5
1716	1318 Brydons Bay Road	Brydons Bay Road	End	4000	5	0%	A	10	0%	10	A	10	0%	5
1717	1320 Brydons Bay Road	Brydons Bay Road	End	4000	5	0%	A	10	0%	10	A	10	0%	9
1068	Abbey Lane	Farquhar Street	End	8000	50	1%	A	55	1%	60	A	65	1%	8
1505	Alana Boulevard	Talbot Trail	Sutherland Way	8000	100	1%	A	110	1%	120	A	130	2%	7
1506	Alexander Street	Blanchard Street W	Evans Avenue W	8000	50	1%	A	55	1%	60	A	65	1%	9
1508	Alexander Street	Catherine Street W	Palmer Drive	8000	50	1%	A	55	1%	60	A	65	1%	8
1507	Alexander Street	Evans Avenue W	Catherine Street W	8000	50	1%	A	55	1%	60	A	65	1%	8
1509	Alexander Street	Palmer Drive	Brydons Bay Road	8000	150	2%	A	200	3%	200	A	200	3%	7
1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	12000	200	2%	A	250	2%	250	A	300	3%	7
1084	Amelia Crescent (N of Fleming Dr)	Fleming Drive	End	8000	20	0%	A	25	0%	25	A	25	0%	7
1085	Art Crisp Road	Baseline Road	End	8000	70	1%	A	80	1%	80	A	90	1%	4
1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	12000	300	3%	A	350	3%	400	A	450	4%	5
1515	Austin Street	Farquhar Street	Wagner Street	8000	250	3%	A	300	4%	300	A	350	4%	7
1517	Austin Street	Fraser Street	Lorne Street	8000	250	3%	A	300	4%	300	A	350	4%	4
1516	Austin Street	Wagner Street	Fraser Street	8000	250	3%	A	300	4%	300	A	350	4%	5
1513	Austin Street	Winewood Avenue W	George Street	8000	250	3%	A	300	4%	300	A	350	4%	7
1514	Austin Street	Winewood Avenue W	Farquhar Street	8000	250	3%	A	300	4%	300	A	350	4%	6
1055	Bakery Lane	Muskoka Road 169	Mcperson Street	12000	200	2%	A	250	2%	250	A	300	3%	6
1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	8000	40	1%	A	45	1%	45	A	50	1%	7
1725	Balfour Woods Road	Long Point Drive	112m S of Long Point Drive	8000	40	1%	A	45	1%	45	A	50	1%	8
1671	Balfour Woods Road	Southwood Road	1008 Balfour Woods Road	8000	30	0%	A	35	0%	35	A	40	1%	9
1092	Barkway Road	1176 Barkway Road	Thomas Road	12000	200	2%	A	250	2%	250	A	300	3%	7
1089	Barkway Road	Doe Lake Road	Seehaver Road	8000	122	2%	A	150	2%	150	A	150	2%	10
1095	Barkway Road	Houseys Rapids Road	Loft Lane	12000	206	2%	A	250	2%	300	A	350	3%	10
1094	Barkway Road	Loft Lane	Thomas Road	12000	200	2%	A	250	2%	250	A	300	3%	7
1091	Barkway Road	Merkley Road	1776 Barkway Road	8000	180	2%	A	200	3%	200	A	250	3%	5
1090	Barkway Road	Seehaver Road	Merkley Road	8000	92	1%	A	100	1%	110	A	120	2%	10

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	12000	200	2%	A	250	2%	250	A	300	3%	6
1658	Barnes Road	Winhara Road	End	8000	30	0%	A	35	0%	35	A	40	1%	6
1077	Barnes Road (West of Winhara Rd)	Winhara Road	End	8000	10	0%	A	15	0%	15	A	15	0%	8
1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	12000	220	2%	A	250	2%	300	A	350	3%	6
1082	Baseline Road	Canning Road	Sparrow Lake Route D	12000	294	2%	A	350	3%	400	A	450	4%	5
1081	Baseline Road	Four Seasons Road	Canning Road	12000	220	2%	A	250	2%	300	A	350	3%	5
1079	Baseline Road	Southwood Road	Art Crescentisp Road	12000	220	2%	A	250	2%	300	A	350	3%	5
1601	Baypoint Court	Muskoka Bay Boulevard	End	8000	110	1%	A	150	2%	150	A	150	2%	9
1002	Bea Dale Lane	Canning Road	Valley Drive	4000	75	2%	A	80	2%	90	A	100	3%	9
1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	8000	8	0%	A	10	0%	10	A	10	0%	5
1097	Beaver Ridge Road	Racoon Road	Highway 11 N	8000	8	0%	A	10	0%	10	A	10	0%	5
1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	8000	10	0%	A	15	0%	15	A	15	0%	6
1100	Bell Road	Donald Sutherland Trail	End	4000	25	1%	A	30	1%	30	A	35	1%	7
1030	Bell Road	Sam Cook Road	Bell Road	4000	50	1%	A	55	1%	60	A	65	2%	7
1724	Ben Lake Road E	490m S of Ben Lake Road E	End	4000	20	1%	A	25	1%	25	A	25	1%	6
1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	4000	15	0%	A	20	1%	20	A	20	1%	4
1128	Ben Lake Road E	850m E of Barkway Road	Fire Route B1	4000	10	0%	A	15	0%	15	A	15	0%	7
1037	Ben Lake Road E	Barkway Road	800m East of Barkway Road	4000	15	0%	A	20	1%	20	A	20	1%	7
1040	Ben Lake Road E	Fire Route B1	490m S of Ben Lake Road E	4000	5	0%	A	10	0%	10	A	10	0%	7
1053	Benzinger Road	Fire Route 11B	Mcaulay Road	4000	10	0%	A	15	0%	15	A	15	0%	7
1052	Benzinger Road	Frederick Lane	Fire Route 11B	4000	10	0%	A	15	0%	15	A	15	0%	6
1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	12000	300	3%	A	350	3%	400	A	450	4%	7
1678	Birch Point Road	1060 Birch Point Road	End	8000	50	1%	A	55	1%	60	A	65	1%	7
1048	Birch Point Road	Brydons Bay Road	1060 Birch Point Road	4000	40	1%	A	45	1%	45	A	50	1%	8
1520	Bird Haven Way	Tomingas Road	End	4000	20	1%	A	25	1%	25	A	25	1%	6
1103	Bishop Street	Bethune Drive S	Third Street	8000	200	3%	A	250	3%	250	A	250	3%	7
1101	Bishop Street	First Street S	End	8000	10	0%	A	15	0%	15	A	15	0%	6
1102	Bishop Street	First Street S	Bethune Drive S	8000	400	5%	A	450	6%	450	A	500	6%	7
1105	Bishop Street	Fourth Street	End	8000	40	1%	A	45	1%	45	A	50	1%	6

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1104	Bishop Street	Third Street	Fourth Street	8000	200	3%	A	250	3%	250	A	250	3%	8
1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	8000	70	1%	A	80	1%	80	A	90	1%	6
1108	Blanchard Street W	Alexander Street	Lisa Lane	8000	93	1%	A	100	1%	110	A	120	2%	8
1109	Blanchard Street W	Lisa Lane	Evans Avenue W	8000	50	1%	A	55	1%	60	A	65	1%	8
1107	Blanchard Street W	Muskoka Beach Road	Alexander Street	8000	120	2%	A	150	2%	150	A	150	2%	9
1654	Blueberry Lane	North Muldrew Lake Road	End	8000	20	0%	A	25	0%	25	A	25	0%	5
1110	Booth Lane	Muriel Crescent	End	4000	40	1%	A	45	1%	45	A	50	1%	7
1600	Breakwater Court	Muskoka Bay Boulevard	End	8000	70	1%	A	80	1%	80	A	90	1%	10
1510	Brock Street	Bethune Drive N	End	8000	500	6%	A	550	7%	600	A	650	8%	8
1113	Brown Street	John Street N	Mary Street N	8000	1000	13%	A	1100	14%	1150	A	1250	16%	5
1114	Brown Street	Mary Street N	Sarah Street N	8000	1000	13%	A	1100	14%	1150	A	1250	16%	7
1112	Brown Street	Mcneice Laneway	John Street N	8000	1000	13%	A	1100	14%	1150	A	1250	16%	9
1111	Brown Street	Muskoka Road N	Mcneice Laneway	8000	1123	14%	A	1200	15%	1250	A	1400	18%	8
1115	Brown Street	Sarah Street N	Greavette Street	8000	1000	13%	A	1100	14%	1150	A	1250	16%	9
1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	8000	5	0%	A	10	0%	10	A	10	0%	7
1025	Brydons Bay Road	Alexander Street	Chamberlain Drive	8000	60	1%	A	70	1%	70	A	80	1%	8
1159	Brydons Bay Road	Birch Point Road	Alexander Street	8000	59	1%	A	70	1%	70	A	80	1%	8
1713	Brydons Bay Road	Brydons Bay Road	End	8000	20	0%	A	25	0%	25	A	25	0%	6
1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	8000	50	1%	A	55	1%	60	A	65	1%	6
1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	8000	50	1%	A	55	1%	60	A	65	1%	7
1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	8000	50	1%	A	55	1%	60	A	65	1%	6
1057	Brydons Bay Road	Muskoka Beach Road	Birch Point Road	8000	100	1%	A	110	1%	120	A	130	2%	7
1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	8000	50	1%	A	55	1%	60	A	65	1%	6
1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	8000	50	1%	A	55	1%	60	A	65	1%	7
1160	Burnett Street	Bay Street	Hughson Street	8000	200	3%	A	250	3%	250	A	250	3%	7
1739	Campbells Road	350m S of Gravenhurst Parkway	End	8000	100	1%	A	110	1%	120	A	130	2%	7
1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	8000	100	1%	A	110	1%	120	A	130	2%	7
1098	Canning Road	Baseline Road	Southwood Road	12000	300	3%	A	350	3%	400	A	450	4%	7
1518	Canning Road	Highway 11 S	Baseline Road	12000	306	3%	A	350	3%	400	A	500	4%	7

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1167	Cardinal Crescent	Kilworthy Road	End	4000	10	0%	A	15	0%	15	A	15	0%	6
1165	Caroline Street	Clarence Street	End	8000	70	1%	A	80	1%	80	A	90	1%	8
1164	Caroline Street	Muskoka Road S	Clarence Street	8000	400	5%	A	450	6%	450	A	500	6%	9
1049	Catherine Street E	Muskoka Beach Road	Wellington Street	8000	77	1%	A	90	1%	90	A	100	1%	8
1050	Catherine Street W	Alexander Street	Douglas Street	8000	70	1%	A	80	1%	80	A	90	1%	7
1051	Catherine Street W	Douglas Street	Mckenzie Street	8000	100	1%	A	110	1%	120	A	130	2%	9
1166	Catherine Street W	Muskoka Beach Road	Alexander Street	8000	150	2%	A	200	3%	200	A	200	3%	7
1425	Centennial Drive	Church Street	Brock Street	8000	350	4%	A	400	5%	400	A	450	6%	8
1679	Centennial Drive	Church Street	End	8000	200	3%	A	250	3%	250	A	250	3%	9
1120	Charles Road	Muskoka Road 169	End	8000	50	1%	A	55	1%	60	A	65	1%	4
1168	Cherokee Lane	Bay Street	End	4000	200	5%	A	250	6%	250	A	250	6%	6
1738	Chickadee Lane	1000 m south of Silver Lake Road	End	8000	70	1%	A	80	1%	80	A	90	1%	10
1169	Chickadee Lane	Silver Lake Road	1000 m south of Silver Lake Road	8000	70	1%	A	80	1%	80	A	90	1%	8
1087	Chippewa Avenue	Muskoka Beach Road	End	4000	15	0%	A	20	1%	20	A	20	1%	9
1088	Chippewa Lane	Muskoka Beach Road	End	4000	15	0%	A	20	1%	20	A	20	1%	7
1121	Church Street	Centennial Drive	End	8000	100	1%	A	110	1%	120	A	130	2%	9
1680	Church Street	Centennial Drive (1st Intersection)	30m E of Centennial Drive (1st Intersection)	8000	500	6%	A	550	7%	600	A	650	8%	7
1075	Church Street	First Street N	Centennial Drive	8000	500	6%	A	550	7%	600	A	650	8%	8
1074	Church Street	Muskoka Road N	First Street N	8000	600	8%	A	650	8%	700	A	750	9%	8
1078	Clairmont Road	Bay Street	End	8000	150	2%	A	200	3%	200	A	200	3%	6
1116	Clarence Street	Caroline Street	Margaret Street	8000	500	6%	A	550	7%	600	A	650	8%	7
1118	Clarence Street	Gillan Drive	Edward Street	8000	500	6%	A	550	7%	600	A	650	8%	7
1117	Clarence Street	Margaret Street	Gillan Drive	8000	500	6%	A	550	7%	600	A	650	8%	7
1352	Clarence Street	Nelson Street	Caroline Street	8000	300	4%	A	350	4%	350	A	400	5%	7
1005	Cliff Bruce Road	Muskoka Beach Road	End	8000	17	0%	A	20	0%	20	A	25	0%	7
1122	Clipsham Road	Southwood Road	Wiancko Road	8000	55	1%	A	60	1%	70	A	70	1%	8
1636	Clipsham Road	Wiancko Road	End	8000	55	1%	A	60	1%	70	A	70	1%	7
1484	Conservation Road	Doe Lake Road	End	8000	50	1%	A	55	1%	60	A	65	1%	9
2076	Cooks Road	Houseys Rapids Road	100 m E of Houseys Rapids Road	4000	10	0%	A	15	0%	15	A	15	0%	8

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1054	Coon Road	Bethune Drive N	End	8000	60	1%	A	70	1%	70	A	80	1%	8
1099	Cowbell Lane	Highway 11 N	Manson Lane	12000	200	2%	A	250	2%	250	A	300	3%	5
1163	Cowbell Lane	Manson Lane	End	8000	150	2%	A	200	3%	200	A	200	3%	8
1511	Cox Road	Highway 11 S	End	8000	10	0%	A	15	0%	15	A	15	0%	3
1512	Crawford Road	Jones Road	End	8000	175	2%	A	200	3%	200	A	250	3%	8
1042	Crescent Drive	Kingswood Drive	Park Lane	8000	300	4%	A	350	4%	350	A	400	5%	8
1137	Crescent Drive	Park Lane	Fairview Drive	8000	200	3%	A	250	3%	250	A	250	3%	7
1076	Crescent Drive	Pinegrove Street	Kingswood Drive	8000	200	3%	A	250	3%	250	A	250	3%	7
1139	Cyril Gill Drive	Road 1100	End	4000	20	1%	A	25	1%	25	A	25	1%	5
1072	David Street	Bethune Drive S	Third Street	8000	200	3%	A	250	3%	250	A	250	3%	8
1141	David Street	Fifth Street	Sixth Street	8000	150	2%	A	200	3%	200	A	200	3%	7
1070	David Street	First Street S	End	8000	100	1%	A	110	1%	120	A	130	2%	7
1071	David Street	First Street S	Bethune Drive S	8000	268	3%	A	300	4%	300	A	350	4%	6
1140	David Street	Rayner Street	Fifth Street	8000	200	3%	A	250	3%	250	A	250	3%	8
1142	David Street	Sixth Street	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1073	David Street	Third Street	Rayner Street	8000	200	3%	A	250	3%	250	A	250	3%	8
1554	Davis Drive	Graham Road	353m S of Graham Road	4000	15	0%	A	20	1%	20	A	20	1%	7
1123	Douglas Street	Catherine Street W	Palmer Drive	8000	80	1%	A	90	1%	90	A	100	1%	7
1127	Dove Drive	Kilworthy Road	End	8000	20	0%	A	25	0%	25	A	25	0%	6
1145	Dungey Street	Revell Street	End	8000	10	0%	A	15	0%	15	A	15	0%	6
1161	East Severn River Road	Severn River Road	End	8000	100	1%	A	110	1%	120	A	130	2%	8
1157	Edward Street	Clarence Street	George Beard Lane	8000	500	6%	A	550	7%	600	A	650	8%	8
1156	Edward Street	Muskoka Road S	Clarence Street	8000	2931	37%	B	3100	39%	3250	B	3600	45%	9
1158	Elder Street	Muskoka Road N	First Street N	8000	200	3%	A	250	3%	250	A	250	3%	7
1003	Elderberry Lane	Sparrow Lake Route D	End	8000	10	0%	A	15	0%	15	A	15	0%	8
1549	Elzner Road	Reay Road	End	8000	30	0%	A	35	0%	35	A	40	1%	3
1181	Emma Street	Wagner Street	Fraser Street	8000	50	1%	A	55	1%	60	A	65	1%	4
1126	Erins Way	Tryon Drive	End	8000	50	1%	A	55	1%	60	A	65	1%	8
1022	Evans Avenue E	Muskoka Beach Road	Wellington Street	8000	150	2%	A	200	3%	200	A	200	3%	8
1023	Evans Avenue W	Alexander Street	Tiffany Trail	8000	150	2%	A	200	3%	200	A	200	3%	9

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1021	Evans Avenue W	Muskoka Beach Road	Alexander Street	8000	150	2%	A	200	3%	200	A	200	3%	9
1024	Evans Avenue W	Tiffany Trail	Blanchard Street W	8000	100	1%	A	110	1%	120	A	130	2%	9
2085	Evergreen Court	42 m NW of Muskoka Beach Road	End	4000	20	1%	A	25	1%	25	A	25	1%	8
1706	Evergreen Court	Muskoka Beach Road	42m NW of Muskoka Beach Road	4000	50	1%	A	55	1%	60	A	65	2%	9
1144	Fairview Drive	Crescent Drive	Pinedale Road	8000	200	3%	A	250	3%	250	A	250	3%	6
1523	Fairview Drive	Pinegrove Street	Crescent Drive	8000	200	3%	A	250	3%	250	A	250	3%	6
1522	Fairview Drive	Pineridge Gate	Pinegrove Street	8000	263	3%	A	300	4%	300	A	350	4%	9
1519	Farquhar Street	Austin Street	Abbey Lane	8000	70	1%	A	80	1%	80	A	90	1%	6
1525	Farquhar Street	John Street N	Mary Street N	12000	250	2%	A	300	3%	350	A	400	3%	7
1526	Farquhar Street	Mary Street N	Sarah Street N	8000	250	3%	A	300	4%	300	A	350	4%	6
1524	Farquhar Street	Muskoka Road N	John Street N	12000	250	2%	A	300	3%	350	A	400	3%	6
1527	Farquhar Street	Sarah Street N	Austin Street	8000	250	3%	A	300	4%	300	A	350	4%	9
1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	8000	100	1%	A	110	1%	120	A	130	2%	5
1530	Ferguson Road	Bethune Drive N	Campfire Point Road	8000	100	1%	A	110	1%	120	A	130	2%	7
1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	8000	100	1%	A	110	1%	120	A	130	2%	5
1146	Fernwood Drive	James Street	Pratt Crescent	12000	300	3%	A	350	3%	400	A	450	4%	5
1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	12000	200	2%	A	250	2%	250	A	300	3%	7
1147	Fifth Street	David Street	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1208	Fire Route C1 (Snowcrest Trail)	Seehaver Road	End	8000	10	0%	A	15	0%	15	A	15	0%	9
1210	First Street N	Brock Street	Harvie Street	12000	2000	17%	A	2250	19%	2450	A	3000	25%	5
1552	First Street N	Church Street	Victoria Street	12000	1950	16%	A	2200	18%	2400	A	2900	24%	9
1182	First Street N	Elder Street	Winewood Avenue E	12000	1947	16%	A	2150	18%	2400	A	2900	24%	9
1550	First Street N	Harvie Street	Church Street	12000	1000	8%	A	1150	10%	1250	A	1500	13%	5
1310	First Street N	Victoria Street	Elder Street	12000	1950	16%	A	2200	18%	2400	A	2900	24%	9
1311	First Street S	Bishop Street	David Street	12000	600	5%	A	700	6%	750	A	900	8%	5
1209	First Street S	Brock Street	Royal Street	12000	1000	8%	A	1150	10%	1250	A	1500	13%	9
1183	First Street S	David Street	Veterans Way	8000	400	5%	A	450	6%	450	A	500	6%	5
1312	First Street S	Main Street	Violet Street	12000	400	3%	A	450	4%	500	A	600	5%	6
1553	First Street S	Phillip Street E	Bishop Street	12000	600	5%	A	700	6%	750	A	900	8%	5

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1211	First Street S	Royal Street	Sharpe Street E	12000	1000	8%	A	1150	10%	1250	A	1500	13%	9
1551	First Street S	Sharpe Street E	Phillip Street E	12000	600	5%	A	700	6%	750	A	900	8%	5
1184	First Street S	Veterans Way	Main Street	8000	200	3%	A	250	3%	250	A	250	3%	5
1313	First Street S	Violet Street	Bethune Drive S	8000	400	5%	A	450	6%	450	A	500	6%	7
1015	Fish Hook Lane	Southwood Road	175m E of Southwood Road	8000	5	0%	A	10	0%	10	A	10	0%	8
1004	Fitchett Lane	Riley Lake Road	202m SE of Riley Lake Road (End)	8000	10	0%	A	15	0%	15	A	15	0%	8
1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	12000	200	2%	A	250	2%	250	A	300	3%	7
1314	Fleming Drive	Hastings Drive	Amelia Crescent	12000	200	2%	A	250	2%	250	A	300	3%	7
1316	Forest Glen Drive	Jones Road	End	8000	100	1%	A	110	1%	120	A	130	2%	9
1152	Fourth Street	Bishop Street	End	8000	30	0%	A	35	0%	35	A	40	1%	6
1151	Fourth Street	Phillip Street E	Bishop Street	8000	50	1%	A	55	1%	60	A	65	1%	7
1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	8000	10	0%	A	15	0%	15	A	15	0%	3
1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	8000	10	0%	A	15	0%	15	A	15	0%	7
1039	Fraser Street	Austin Street	Louise Street	8000	100	1%	A	110	1%	120	A	130	2%	6
1038	Fraser Street	Emma Street	Austin Street	8000	100	1%	A	110	1%	120	A	130	2%	4
1572	Fraser Street	Louise Street	Gateway Drive	8000	100	1%	A	110	1%	120	A	130	2%	9
1058	Frederick Lane	Benzinger Road	Nora Lane	4000	30	1%	A	35	1%	35	A	40	1%	6
1069	Freeland Drive	Thain Street W	End	8000	75	1%	A	80	1%	90	A	100	1%	7
1574	Gateway Drive	Fraser Street	Lorne Street	8000	90	1%	A	100	1%	100	A	110	1%	9
1660	Gateway Drive	Grace Court	End	8000	60	1%	A	70	1%	70	A	80	1%	7
1214	Gateway Drive	Lorne Street	Grace Court	8000	90	1%	A	100	1%	100	A	110	1%	7
1573	Gateway Drive	Wagner Street	Fraser Street	8000	90	1%	A	100	1%	100	A	110	1%	8
1062	George Beard Lane	Edward Street	Gillan Drive	8000	200	3%	A	250	3%	250	A	250	3%	8
1063	George Beard Lane	Gillan Drive	Margaret Street	8000	200	3%	A	250	3%	250	A	250	3%	7
1059	George Street	John Street N	Mary Street N	8000	140	2%	A	150	2%	200	A	200	3%	4
1060	George Street	Mary Street N	Sarah Street N	8000	140	2%	A	150	2%	200	A	200	3%	4
1215	George Street	Muskoka Road N	John Street N	8000	150	2%	A	200	3%	200	A	200	3%	4
1061	George Street	Sarah Street N	Austin Street	8000	140	2%	A	150	2%	200	A	200	3%	7
1216	Gillan Drive	George Beard Lane	Clarence Street	8000	150	2%	A	200	3%	200	A	200	3%	6

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1218	Glen Echo Road	Glen Echo Road	End	8000	20	0%	A	25	0%	25	A	25	0%	6
1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	8000	27	0%	A	30	0%	30	A	35	0%	6
1129	Goldfinch Court	Kilworthy Road	End	8000	40	1%	A	45	1%	45	A	50	1%	3
1066	Golf Club Road	Hoc-Roc Drive	End	8000	100	1%	A	110	1%	120	A	130	2%	5
1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	8000	100	1%	A	110	1%	120	A	130	2%	4
1659	Grace Court	Gateway Drive	End	8000	30	0%	A	35	0%	35	A	40	1%	6
1721	Graham Road	60 m west of Pasture Lane	Shamrock Marina Road	12000	300	3%	A	350	3%	400	A	450	4%	7
1065	Graham Road	Bagley Road	Godfrey Road	8000	20	0%	A	25	0%	25	A	25	0%	7
1064	Graham Road	Bowers Lane	Bagley Road	8000	50	1%	A	55	1%	60	A	65	1%	7
1681	Graham Road	Pasture Lane	60 m west of Pasture Lane	12000	300	3%	A	350	3%	400	A	450	4%	10
1178	Graham Road	Rockcastle Road	Bowers Lane	8000	100	1%	A	110	1%	120	A	130	2%	6
1177	Graham Road	Shamrock Marina Road	Rockcastle Road	12000	263	2%	A	300	3%	350	A	400	3%	10
1153	Graham Road	Southwood Road	Talbot Trail	12000	400	3%	A	450	4%	500	A	600	5%	10
1176	Graham Road	Talbot Trail	Pasture Lane	12000	350	3%	A	400	3%	450	A	550	5%	10
1001	Greavette Street	Bay Street	Brown Street	8000	1000	13%	A	1100	14%	1150	A	1250	16%	7
1521	Greavette Street	Brown Street	End	8000	100	1%	A	110	1%	120	A	130	2%	10
1199	Greenhalgh Road	Jim Wood Lane	End	4000	10	0%	A	15	0%	15	A	15	0%	8
1241	Hahne Drive	Pineridge Gate	Kingswood Drive	8000	141	2%	A	150	2%	200	A	200	3%	7
1410	Halls Road	Houseys Rapids Road	1033 m W of Houseys Rapids Road	4000	20	1%	A	25	1%	25	A	25	1%	8
1242	Harvie Street	Muskoka Road N	First Street N	8000	300	4%	A	350	4%	350	A	400	5%	8
1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	12000	200	2%	A	250	2%	250	A	300	3%	6
1243	Hastings Drive	Tryon Drive	Picard Lane	8000	50	1%	A	55	1%	60	A	65	1%	8
1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	8000	300	4%	A	350	4%	350	A	400	5%	7
1248	Hedgewood Lane	Pineridge Gate	Pinedale Road	8000	300	4%	A	350	4%	350	A	400	5%	9
1245	Hedgewood Lane	Stonehedge Close	Woods Hollow	8000	300	4%	A	350	4%	350	A	400	5%	8
1247	Hedgewood Lane	Twigs End	Pineridge Gate	8000	300	4%	A	350	4%	350	A	400	5%	7
1246	Hedgewood Lane	Woods Hollow	Twigs End	8000	300	4%	A	350	4%	350	A	400	5%	8
1317	Henry Island Road	Muskoka Road N	End	8000	100	1%	A	110	1%	120	A	130	2%	5
1339	Heron Lane	Kilworthy Road	End	8000	10	0%	A	15	0%	15	A	15	0%	3

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1009	Hewitt Street	Highway 11 N	Sprunt Lane	8000	100	1%	A	110	1%	120	A	130	2%	10
1010	Hewitt Street	Sprunt Lane	End	8000	32	0%	A	35	0%	40	A	40	1%	10
1011	Heywood Lane	Gravenhurst Parkway	End	8000	70	1%	A	80	1%	80	A	90	1%	7
1271	Hill Lane	Hill Street	End	4000	50	1%	A	55	1%	60	A	65	2%	8
1270	Hill Street	Hill Street	End	8000	100	1%	A	110	1%	120	A	130	2%	5
1269	Hill Street	Muskoka Road 169	Hill Lane	8000	150	2%	A	200	3%	200	A	200	3%	6
1229	Hoc-Roc Drive	Golf Club Road	End	4000	10	0%	A	15	0%	15	A	15	0%	8
1202	Hopkins Road	Merkley Road	End	8000	10	0%	A	15	0%	15	A	15	0%	5
1249	Hotchkiss Street	John Street S	Mary Street S	8000	550	7%	A	600	8%	650	A	700	9%	8
1250	Hotchkiss Street	Mary Street S	Sarah Street S	8000	500	6%	A	550	7%	600	A	650	8%	7
1203	Hotchkiss Street	Muskoka Road S	John Street S	8000	526	7%	A	600	8%	600	A	650	8%	7
1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	8000	250	3%	A	300	4%	300	A	350	4%	6
1252	Hotchkiss Street	Wanda Miller Road	End	8000	50	1%	A	55	1%	60	A	65	1%	7
1227	Hughson Street	Bay Street	Burnett Street	8000	200	3%	A	250	3%	250	A	250	3%	9
1204	Hughson Street	John Street N	Mary Street N	8000	300	4%	A	350	4%	350	A	400	5%	6
1225	Hughson Street	Mary Street N	Sarah Street N	8000	250	3%	A	300	4%	300	A	350	4%	8
1226	Hughson Street	Sarah Street N	Bay Street	8000	250	3%	A	300	4%	300	A	350	4%	7
1731	Hummingbird Lane	Kilworthy Road	End	8000	10	0%	A	15	0%	15	A	15	0%	5
2078	Hunt Club Road	Doe Lake Road	400 m E of Doe Lake Road (End/Plow Turnaround)	8000	10	0%	A	15	0%	15	A	15	0%	9
1341	Indian Landing Road	1323 North Muldrew Lake Road	End	8000	60	1%	A	70	1%	70	A	80	1%	7
1718	Indian Landing Road	North Muldrew Lake Road	1323 North Muldrew Lake Road	8000	80	1%	A	90	1%	90	A	100	1%	6
1342	Industrial Drive	Jones Road	Progress Road	12000	600	5%	A	700	6%	750	A	900	8%	6
1343	Industrial Drive	Progress Road	Bethune Drive N	12000	668	6%	A	750	6%	850	A	1000	8%	8
1134	Iroquois Avenue	Muskoka Beach Road	End	4000	40	1%	A	45	1%	45	A	50	1%	9
1170	Isaac Street	John Street N	Mary Street N	8000	150	2%	A	200	3%	200	A	200	3%	6
1171	Isaac Street	Mary Street N	Sarah Street N	8000	150	2%	A	200	3%	200	A	200	3%	6
1135	Isaac Street	Muskoka Road N	John Street N	8000	200	3%	A	250	3%	250	A	250	3%	10
1172	Isaac Street	Sarah Street N	End	8000	70	1%	A	80	1%	80	A	90	1%	7
1318	Islander Drive	Lorne Street	Oriole Crescent	8000	150	2%	A	200	3%	200	A	200	3%	4

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1255	James Street	347m W of John Street S	878 m W of John Street S	12000	4300	36%	B	4750	40%	5250	B	6400	53%	6
2081	James Street	878 m W of John Street S	Fernwood Drive	12000	4300	36%	B	4750	40%	5250	B	6400	53%	6
1256	James Street	Fernwood Drive	North Muldrew Lake Road	12000	4038	34%	A	4500	38%	4950	B	6050	50%	8
1698	James Street	John Street S	347m W of John Street S	12000	4300	36%	B	4750	40%	5250	B	6400	53%	7
1319	James Street	Muskoka Road S	End	8000	300	4%	A	350	4%	350	A	400	5%	7
1320	James Street	Muskoka Road S	John Street S	12000	5278	44%	B	5850	49%	6450	C	7850	65%	8
1542	Jim Wood Lane	Jim Wood Lane	End	8000	25	0%	A	30	0%	30	A	35	0%	5
1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	8000	25	0%	A	30	0%	30	A	35	0%	4
1032	John Street N	Bay Street	Hughson Street	12000	950	8%	A	1050	9%	1200	A	1450	12%	10
1036	John Street N	Brown Street	Peter Street	12000	950	8%	A	1050	9%	1200	A	1450	12%	10
1029	John Street N	Farquhar Street	Wagner Street	8000	500	6%	A	550	7%	600	A	650	8%	6
1027	John Street N	George Street	Winewood Avenue W	8000	950	12%	A	1000	13%	1050	A	1200	15%	6
1034	John Street N	Hughson Street	Brown Street	12000	957	8%	A	1100	9%	1200	A	1450	12%	10
1046	John Street N	Isaac Street	George Street	8000	950	12%	A	1000	13%	1050	A	1200	15%	8
1044	John Street N	Peter Street	Isaac Street	12000	950	8%	A	1050	9%	1200	A	1450	12%	6
1028	John Street N	Winewood Avenue W	Farquhar Street	12000	950	8%	A	1050	9%	1200	A	1450	12%	6
1031	John Street S	Hotchkiss Street	Bay Street	12000	600	5%	A	700	6%	750	A	900	8%	9
1033	John Street S	Hotchkiss Street	Sharpe Street W	12000	600	5%	A	700	6%	750	A	900	8%	9
1045	John Street S	James Street	Ridge Road	8000	500	6%	A	550	7%	600	A	650	8%	9
1043	John Street S	Phillip Street W	James Street	8000	500	6%	A	550	7%	600	A	650	8%	9
1047	John Street S	Ridge Road	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1035	John Street S	Sharpe Street W	Phillip Street W	8000	500	6%	A	550	7%	600	A	650	8%	9
1298	Jones Road	Crawford Road	End	8000	10	0%	A	15	0%	15	A	15	0%	10
1259	Jones Road	Elwell Park Road	Winhara Road	8000	151	2%	A	200	3%	200	A	200	3%	9
1545	Jones Road	Forest Glen Drive	Progress Road	12000	500	4%	A	600	5%	650	A	750	6%	7
1544	Jones Road	Industrial Drive	Forest Glen Drive	12000	750	6%	A	850	7%	950	A	1150	10%	6
1543	Jones Road	Muskoka Beach Road	Industrial Drive	12000	1119	9%	A	1250	10%	1400	A	1700	14%	6
1258	Jones Road	Progress Road	Elwell Park Road	8000	150	2%	A	200	3%	200	A	200	3%	7
1260	Jones Road	Winhara Road	Crawford Road	8000	50	1%	A	55	1%	60	A	65	1%	10
1130	Joseph Pl	Talbot Trail	End	8000	60	1%	A	70	1%	70	A	80	1%	7

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1729	Joy Road	Kilworthy Road	170m S of Kilworthy Road	4000	30	1%	A	35	1%	35	A	40	1%	6
1299	Juniper Drive	Peninsula Road	End	4000	27	1%	A	30	1%	30	A	35	1%	3
1300	Kelly Drive	Pinedale Road	Pineridge Gate	8000	450	6%	A	500	6%	500	A	550	7%	6
1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	12000	400	3%	A	450	4%	500	A	600	5%	5
1498	Kilworthy Road	1604 m W of Arthur Schulz Road	Southwood Road	12000	350	3%	A	400	3%	450	A	550	5%	10
1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	12000	349	3%	A	400	3%	450	A	550	5%	4
1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	8000	30	0%	A	35	0%	35	A	40	1%	4
1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	8000	80	1%	A	90	1%	90	A	100	1%	6
1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	8000	40	1%	A	45	1%	45	A	50	1%	6
1536	Kilworthy Road	Heron Lane	Starling Boulevard	8000	60	1%	A	70	1%	70	A	80	1%	6
1532	Kilworthy Road	Joy Road	Mccormick Road	12000	214	2%	A	250	2%	300	A	350	3%	8
1239	Kilworthy Road	Kilworthy Road	End	12000	300	3%	A	350	3%	400	A	450	4%	5
1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	12000	400	3%	A	450	4%	500	A	600	5%	6
1533	Kilworthy Road	Mccormick Road	Road 7000	8000	110	1%	A	150	2%	150	A	150	2%	5
1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	12000	300	3%	A	350	3%	400	A	450	4%	3
1534	Kilworthy Road	Road 7000	Cyril Gill Drive	8000	100	1%	A	110	1%	120	A	130	2%	8
1531	Kilworthy Road	Southwood Road	Joy Road	12000	250	2%	A	300	3%	350	A	400	3%	9
1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	8000	60	1%	A	70	1%	70	A	80	1%	6
1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	12000	400	3%	A	450	4%	500	A	600	5%	6
1711	Kilworthy Road	Xavier Street	Tower Crescent	12000	400	3%	A	450	4%	500	A	600	5%	4
1301	Kingbrook Court	Thain Street W	End	8000	80	1%	A	90	1%	90	A	100	1%	8
1213	Kingswood Drive	Crescent Drive	Pinedale Road	8000	200	3%	A	250	3%	250	A	250	3%	8
1212	Kingswood Drive	Pinegrove Street	Crescent Drive	8000	220	3%	A	250	3%	250	A	300	4%	7
1261	Kingswood Drive	Pinegrove Street	Hahne Drive	8000	140	2%	A	150	2%	200	A	200	3%	7
1262	Knister Road	Muskoka Road N	Robinson Avenue	8000	150	2%	A	200	3%	200	A	200	3%	7
1263	Knister Road	Robinson Avenue	Lakeview Avenue	8000	150	2%	A	200	3%	200	A	200	3%	8
1125	Laidlaw Avenue	Coopers Falls Road	End	8000	60	1%	A	70	1%	70	A	80	1%	7
1264	Lakeshore Drive	Sunshine Court	End	8000	100	1%	A	110	1%	120	A	130	2%	5
1302	Lakeview Avenue	Vincent Avenue	Knister Road	8000	100	1%	A	110	1%	120	A	130	2%	7

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1303	Langford Drive	Winhara Road	End	12000	200	2%	A	250	2%	250	A	300	3%	7
1726	Lawland Heights Road	895m NW of Narrows Road	End	8000	50	1%	A	55	1%	60	A	65	1%	8
1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	8000	50	1%	A	55	1%	60	A	65	1%	8
1200	Laycox Road	Doe Lake Road	Silver Lake Road	8000	175	2%	A	200	3%	200	A	250	3%	6
1201	Laycox Road	Silver Lake Road	Doe Lake Road	8000	175	2%	A	200	3%	200	A	250	3%	8
2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	4000	10	0%	A	15	0%	15	A	15	0%	4
2069	Lewisham Road	6170 m S of Merkley Road	End	4000	10	0%	A	15	0%	15	A	15	0%	3
1626	Lewisham Road	Merkley Road	400 m S of Merkley Road	8000	10	0%	A	15	0%	15	A	15	0%	8
1235	Lisa Lane	Blanchard Street W	End	8000	50	1%	A	55	1%	60	A	65	1%	9
1304	Little Norway Lane	Reay Road	End	8000	140	2%	A	150	2%	200	A	200	3%	4
1207	Loft Lane	Barkway Road	End	4000	10	0%	A	15	0%	15	A	15	0%	9
1119	Lofty Pines Crescent	Lofty Pines Drive	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1136	Lofty Pines Drive	Lofty Pines Crescent	Muskoka Beach Road	12000	500	4%	A	600	5%	650	A	750	6%	8
1174	Lofty Pines Drive	Muskoka Road N	Walton Road	12000	500	4%	A	600	5%	650	A	750	6%	7
1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	12000	500	4%	A	600	5%	650	A	750	6%	7
1650	Long Point Drive	Balfour Woods Road	End	8000	20	0%	A	25	0%	25	A	25	0%	9
1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	12000	359	3%	A	400	3%	450	A	550	5%	6
1324	Loon Lake Road-N4	Chipmunk Lane	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	8000	50	1%	A	55	1%	60	A	65	1%	7
1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	8000	150	2%	A	200	3%	200	A	200	3%	6
1329	Lorne Street	Austin Street	Louise Street	12000	300	3%	A	350	3%	400	A	450	4%	6
1331	Lorne Street	Gateway Drive	End	8000	100	1%	A	110	1%	120	A	130	2%	6
1327	Lorne Street	Islander Drive	Segwun Boulevard	8000	600	8%	A	650	8%	700	A	750	9%	5
1330	Lorne Street	Louise Street	Gateway Drive	8000	220	3%	A	250	3%	250	A	300	4%	6
1328	Lorne Street	Segwun Boulevard	Austin Street	8000	550	7%	A	600	8%	650	A	700	9%	4
1326	Lorne Street	Wagner Street	Islander Drive	8000	713	9%	A	750	9%	800	A	900	11%	6
1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	8000	90	1%	A	100	1%	100	A	110	1%	7
1333	Louise Street	Fraser Street	Lorne Street	12000	200	2%	A	250	2%	250	A	300	3%	8
1332	Louise Street	Wagner Street	Fraser Street	12000	200	2%	A	250	2%	250	A	300	3%	8
1334	Luigi Road	Highway 11 N	Sedore Road	8000	40	1%	A	45	1%	45	A	50	1%	8

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1254	Main Street	First Street S	Bethune Drive S	8000	400	5%	A	450	6%	450	A	500	6%	6
1154	Main Street	Muskoka Road S	First Street S	8000	400	5%	A	450	6%	450	A	500	6%	6
1540	Manson Lane	Cowbell Lane	Southwood Road	8000	30	0%	A	35	0%	35	A	40	1%	5
1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	12000	250	2%	A	300	3%	350	A	400	3%	8
1131	Maple Heights Drive	Maple Heights Road	End	12000	200	2%	A	250	2%	250	A	300	3%	8
1132	Maple Heights Drive	Maple Heights Road	End	12000	200	2%	A	250	2%	250	A	300	3%	8
1133	Maple Heights Road	Muskoka Beach Road	Maple Heights Drive	12000	200	2%	A	250	2%	250	A	300	3%	7
1309	Margaret Street	George Beard Lane	Clarence Street	8000	250	3%	A	300	4%	300	A	350	4%	7
1308	Margaret Street	Muskoka Road S	Clarence Street	8000	250	3%	A	300	4%	300	A	350	4%	7
1348	Marshall Drive	Sniders Bay Road	End	4000	20	1%	A	25	1%	25	A	25	1%	8
1275	Mary Street N	Bay Street	Hughson Street	8000	200	3%	A	250	3%	250	A	250	3%	7
1278	Mary Street N	Brown Street	Peter Street	8000	150	2%	A	200	3%	200	A	200	3%	9
1283	Mary Street N	Farquhar Street	Wagner Street	8000	150	2%	A	200	3%	200	A	200	3%	6
1281	Mary Street N	George Street	Winewood Avenue W	8000	150	2%	A	200	3%	200	A	200	3%	8
1277	Mary Street N	Hughson Street	Brown Street	8000	165	2%	A	200	3%	200	A	250	3%	7
1280	Mary Street N	Isaac Street	George Street	8000	150	2%	A	200	3%	200	A	200	3%	8
1279	Mary Street N	Peter Street	Isaac Street	8000	150	2%	A	200	3%	200	A	200	3%	9
1282	Mary Street N	Winewood Avenue W	Farquhar Street	8000	150	2%	A	200	3%	200	A	200	3%	6
1349	Mary Street S	Bay Street	Hotchkiss Street	8000	600	8%	A	650	8%	700	A	750	9%	7
1276	Mary Street S	Hotchkiss Street	Sharpe Street W	8000	500	6%	A	550	7%	600	A	650	8%	8
1284	Matts Road	Muskoka Beach Road	End	8000	20	0%	A	25	0%	25	A	25	0%	7
1006	Mcaulay Road	Benzinger Road	Fire Route 11C	4000	10	0%	A	15	0%	15	A	15	0%	8
1220	Mcaulay Road	Fire Route 11C	Fire Route 11D	4000	10	0%	A	15	0%	15	A	15	0%	8
1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	4000	40	1%	A	45	1%	45	A	50	1%	6
2084	McCormick Road	960 m SE of Kilworthy Road	End	4000	20	1%	A	25	1%	25	A	25	1%	6
1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	4000	55	1%	A	60	2%	70	A	70	2%	4
1730	McDonald Road	Sophers Landing Road	150 m W of Sophers Landing Road	4000	12	0%	A	15	0%	15	A	15	0%	8
1189	McKenzie Street	Catherine Street W	Palmer Drive	8000	50	1%	A	55	1%	60	A	65	1%	8
1285	Mcneice Laneway	Brown Street	End	4000	5	0%	A	10	0%	10	A	10	0%	7

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Traffic Volumes

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1364	McPherson Street	Bakery Lane	Muskoka Road 169	12000	300	3%	A	350	3%	400	A	450	4%	6
1363	McPherson Street	Private Street	Bakery Lane	12000	300	3%	A	350	3%	400	A	450	4%	6
1286	McPherson Street	Readman Street	End	12000	250	2%	A	300	3%	350	A	400	3%	6
1287	McPherson Street	Readman Street	Private Street	12000	250	2%	A	300	3%	350	A	400	3%	7
1150	Merkley Road	770m E of Hopkins Road	Lewisham Road	8000	50	1%	A	55	1%	60	A	65	1%	8
1148	Merkley Road	Barkway Road	Fire Route A1	8000	124	2%	A	150	2%	150	A	200	3%	4
1149	Merkley Road	Fire Route A1	Hopkins Road	8000	90	1%	A	100	1%	100	A	110	1%	4
1697	Merkley Road	Hopkins Road	770m E of Hopkins Road	8000	50	1%	A	55	1%	60	A	65	1%	10
1191	Mitchell Road	Highway 11 N (1st Intersection)	643m N of Highway 11 N (1st Intersection)	8000	20	0%	A	25	0%	25	A	25	0%	7
1190	Moody Drive	Bethune Drive N	End	8000	50	1%	A	55	1%	60	A	65	1%	7
1188	Muriel Crescent	1166 Muriel Crescent	End	4000	40	1%	A	45	1%	45	A	50	1%	8
1187	Muriel Crescent	Booth Lane	1166 Muriel Crescent	8000	80	1%	A	90	1%	90	A	100	1%	8
1186	Muriel Crescent	Sniders Bay Road	Booth Lane	8000	80	1%	A	90	1%	90	A	100	1%	9
1657	Muskoka Bay Boulevard	Baypoint Court	End	8000	40	1%	A	45	1%	45	A	50	1%	9
1655	Muskoka Bay Boulevard	North Muldrew Lake Road	Westwind Court	12000	300	3%	A	350	3%	400	A	450	4%	10
1656	Muskoka Bay Boulevard	Westwind Court	Baypoint Court	12000	210	2%	A	250	2%	300	A	350	3%	9
1416	Musquash Road	240m NW of Pearl Drive	Muskoka Road 169	8000	160	2%	A	200	3%	200	A	200	3%	8
1701	Musquash Road	467m W of Revell Street	Loon Lake Road	12000	310	3%	A	350	3%	400	A	500	4%	5
1414	Musquash Road	Loon Lake Road	Private Street	8000	160	2%	A	200	3%	200	A	200	3%	7
1412	Musquash Road	Muskoka Road 169	Revell Street	12000	310	3%	A	350	3%	400	A	500	4%	7
1702	Musquash Road	Pearl Drive	240m NW of Pearl Drive	8000	160	2%	A	200	3%	200	A	200	3%	7
1415	Musquash Road	Private Street	Pearl Drive	8000	160	2%	A	200	3%	200	A	200	3%	9
1413	Musquash Road	Revell Street	467m W of Revell Street	12000	310	3%	A	350	3%	400	A	500	4%	7
1690	Narrows Road	675m SE of Lawland Heights Road	End	8000	50	1%	A	55	1%	60	A	65	1%	7
1345	Narrows Road	Bear Bay Road	South Sunset Bay Road	12000	400	3%	A	450	4%	500	A	600	5%	8
1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	8000	150	2%	A	200	3%	200	A	200	3%	7
1344	Narrows Road	Muskoka Road 169	Bear Bay Road	12000	415	3%	A	500	4%	550	A	650	5%	6
1346	Narrows Road	Narrows Road	North Sunset Bay Road	12000	210	2%	A	250	2%	300	A	350	3%	6
1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	8000	150	2%	A	200	3%	200	A	200	3%	7

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
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1016	Nelson Street	Muskoka Road S	Clarence Street	8000	300	4%	A	350	4%	350	A	400	5%	7
1353	Nesbitt Road	Sophers Landing Road	End	4000	10	0%	A	15	0%	15	A	15	0%	8
1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	4000	30	1%	A	35	1%	35	A	40	1%	5
1703	North Kabshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	12000	455	4%	A	550	5%	600	A	700	6%	7
1358	North Kabshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	12000	455	4%	A	550	5%	600	A	700	6%	3
1360	North Kabshe Lake Road	North Sunny Crescentest Road	1312 North Kabshe Lake Road	12000	340	3%	A	400	3%	450	A	550	5%	4
1359	North Kabshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	12000	360	3%	A	400	3%	450	A	550	5%	7
1356	North Kabshe Lake Road	Tryon Drive	Wigwam Lodge Road	12000	820	7%	A	950	8%	1000	A	1250	10%	6
1355	North Kabshe Lake Road	Tyron Drive	Highway 11	12000	850	7%	A	950	8%	1050	A	1300	11%	5
1357	North Kabshe Lake Road	Wigwam Lodge Road	Nagaya Drive	12000	500	4%	A	600	5%	650	A	750	6%	5
1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	8000	148	2%	A	200	3%	200	A	200	3%	4
1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	12000	450	4%	A	500	4%	550	A	700	6%	5
1735	North Muldrew Lake Road	200m South of Carrick Trail	Ritchie Avenue	12000	1500	13%	A	1700	14%	1850	A	2250	19%	9
2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	12000	534	4%	A	600	5%	700	A	800	7%	5
1362	North Muldrew Lake Road	Bay Street	Blueberry Lane	12000	3985	33%	A	4400	37%	4900	B	5950	50%	9
1288	North Muldrew Lake Road	Blueberry Lane	James Street	12000	3980	33%	A	4400	37%	4900	B	5950	50%	10
1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	12000	1500	13%	A	1700	14%	1850	A	2250	19%	5
1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	8000	190	2%	A	200	3%	250	A	250	3%	5
1665	North Muldrew Lake Road	James Street	Muskoka Bay Boulevard	12000	1800	15%	A	2000	17%	2200	A	2700	23%	8
1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	12000	1500	13%	A	1700	14%	1850	A	2250	19%	6
1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	12000	534	4%	A	600	5%	700	A	800	7%	4
1419	North Muldrew Lake Road	Pinetree Road	Whippoorwill Road	8000	150	2%	A	200	3%	200	A	200	3%	5
1290	North Muldrew Lake Road	Ritchie Avenue	Peninsula Road	12000	750	6%	A	850	7%	950	A	1150	10%	9
1704	North Muldrew Lake Road	Whippoorwill Road	900m SW of Whippoorwill Road	8000	150	2%	A	200	3%	200	A	200	3%	6
1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	4000	20	1%	A	25	1%	25	A	25	1%	6
1408	North Street	Muskoka Road 169	Loudon Point Road	8000	180	2%	A	200	3%	200	A	250	3%	6
1409	North Street	Muskoka Road 169	Loudon Point Road	8000	180	2%	A	200	3%	200	A	250	3%	7
1347	North Sunset Bay Road	Narrows Road	End	4000	30	1%	A	35	1%	35	A	40	1%	5
1192	Oakwood Drive	Muskoka Beach Road	End	8000	100	1%	A	110	1%	120	A	130	2%	8

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Traffic Volumes

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1468	Old Muskoka Road	Muskoka Road N	Muskoka Beach Road	12000	613	5%	A	700	6%	750	A	950	8%	8
1272	Old Portage Road	Brydons Bay Road	End	8000	35	0%	A	40	1%	40	A	45	1%	6
1273	Old Stone Road	Southwood Road	200 m E of Southwood Road	4000	8	0%	A	10	0%	10	A	10	0%	7
1012	Oneida Avenue	Muskoka Beach Road	End	4000	50	1%	A	55	1%	60	A	65	2%	8
1193	Oriole Crescent	Islander Drive	End	8000	150	2%	A	200	3%	200	A	200	3%	5
1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	8000	101	1%	A	150	2%	150	A	150	2%	5
1228	Osprey Drive	Loon Lake Road-N4	Merganser Lane	4000	40	1%	A	45	1%	45	A	50	1%	8
1664	Osprey Drive	Merganser Lane	Turtle Lake Road	4000	50	1%	A	55	1%	60	A	65	2%	9
1471	Palmer Drive	Alexander Street	Douglas Street	8000	150	2%	A	200	3%	200	A	200	3%	8
1472	Palmer Drive	Douglas Street	Mckenzie Street	8000	100	1%	A	110	1%	120	A	130	2%	7
1473	Palmer Drive	Mckenzie Street	End	8000	40	1%	A	45	1%	45	A	50	1%	8
1470	Palmer Drive	Muskoka Beach Road	Alexander Street	8000	150	2%	A	200	3%	200	A	200	3%	8
1555	Park Lane	Pinegrove Street	Crescent Drive	8000	150	2%	A	200	3%	200	A	200	3%	7
1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	8000	150	2%	A	200	3%	200	A	200	3%	7
1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	8000	150	2%	A	200	3%	200	A	200	3%	7
1194	Parkers Point Road	Eppy Lane	End	8000	100	1%	A	110	1%	120	A	130	2%	7
1365	Parkers Point Road	Muskoka Road 169	Road 3200	12000	386	3%	A	450	4%	500	A	600	5%	6
1366	Parkers Point Road	Road 3200	Whitehead Road	12000	300	3%	A	350	3%	400	A	450	4%	7
1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	12000	200	2%	A	250	2%	250	A	300	3%	7
1367	Parkers Point Road	Whitehead Road	Road 3300	12000	250	2%	A	300	3%	350	A	400	3%	6
1195	Parkholme Road	Muskoka Road 169	Road 5900	8000	30	0%	A	35	0%	35	A	40	1%	4
1196	Parkholme Road	Road 5400	End	8000	20	0%	A	25	0%	25	A	25	0%	5
1682	Pasture Lane	Graham Road	End	8000	30	0%	A	35	0%	35	A	40	1%	8
1457	Pearl Drive	Musquash Road	End	20000	50	0%	A	55	0%	60	A	65	0%	9
1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	8000	127	2%	A	150	2%	150	A	200	3%	4
2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	12000	240	2%	A	300	3%	300	A	400	3%	4
1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	8000	150	2%	A	200	3%	200	A	200	3%	7
1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	8000	100	1%	A	110	1%	120	A	130	2%	6
1221	Peninsula Road	254m S of Juniper Drive (Fork 2)	Deepwater Drive	8000	100	1%	A	110	1%	120	A	130	2%	7

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Traffic Volumes

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1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	8000	25	0%	A	30	0%	30	A	35	0%	7
1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	12000	240	2%	A	300	3%	300	A	400	3%	7
1557	Peter Street	John Street N	Mary Street N	8000	150	2%	A	200	3%	200	A	200	3%	7
1558	Peter Street	Mary Street N	Sarah Street N	8000	150	2%	A	200	3%	200	A	200	3%	6
1556	Peter Street	Muskoka Road N	John Street N	8000	200	3%	A	250	3%	250	A	250	3%	7
1392	Phillip Street E	Bethune Drive S	Third Street	8000	269	3%	A	300	4%	300	A	350	4%	7
1391	Phillip Street E	First Street S	Bethune Drive S	8000	700	9%	A	750	9%	800	A	900	11%	8
1394	Phillip Street E	Fourth Street	Sixth Street	8000	270	3%	A	300	4%	300	A	350	4%	6
1389	Phillip Street E	Muskoka Road S	First Street S	8000	700	9%	A	750	9%	800	A	900	11%	7
1395	Phillip Street E	Sixth Street	End	4000	30	1%	A	35	1%	35	A	40	1%	8
1393	Phillip Street E	Third Street	Fourth Street	8000	270	3%	A	300	4%	300	A	350	4%	7
1390	Phillip Street W	Muskoka Road S	John Street S	8000	500	6%	A	550	7%	600	A	650	8%	8
1386	Picard Lane	252m W of Picard Lane (Ramp To Highway 11)	North Xavier Street	8000	30	0%	A	35	0%	35	A	40	1%	7
1712	Picard Lane	North Xavier Street	End	4000	30	1%	A	35	1%	35	A	40	1%	7
1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	8000	30	0%	A	35	0%	35	A	40	1%	6
1382	Pine Lake Road	Muskoka Road 169	Road 1000	8000	80	1%	A	90	1%	90	A	100	1%	6
1720	Pine Street	175m W of Muskoka Beach Road	End	8000	5	0%	A	10	0%	10	A	10	0%	10
1381	Pine Street	Muskoka Beach Road	175m W of Muskoka Beach Road	8000	80	1%	A	90	1%	90	A	100	1%	8
1692	Pinedale Lane	160m of Arnes Drive	End	8000	200	3%	A	250	3%	250	A	250	3%	4
1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	8000	200	3%	A	250	3%	250	A	250	3%	6
1458	Pinedale Lane	Pinedale Road	Arnes Drive	8000	400	5%	A	450	6%	450	A	500	6%	7
1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	8000	350	4%	A	400	5%	400	A	450	6%	4
1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	8000	250	3%	A	300	4%	300	A	350	4%	5
1462	Pinedale Road	Bethune Drive S	Kelly Drive	8000	1100	14%	A	1200	15%	1250	A	1350	17%	7
1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	8000	253	3%	A	300	4%	300	A	350	4%	6
1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	8000	350	4%	A	400	5%	400	A	450	6%	4
1463	Pinedale Road	Kelly Drive	Third Street	8000	1078	13%	A	1150	14%	1200	A	1350	17%	7
1467	Pinedale Road	Kingswood Drive	Fairview Drive	8000	400	5%	A	450	6%	450	A	500	6%	5

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1465	Pinedale Road	Pinegrove Street	Rayner Street	8000	800	10%	A	850	11%	900	A	1000	13%	9
1466	Pinedale Road	Rayner Street	Pinedale Lane	8000	800	10%	A	850	11%	900	A	1000	13%	8
1464	Pinedale Road	Third Street	Pinegrove Street	8000	850	11%	A	900	11%	950	A	1050	13%	7
1293	Pinegrove Street	Crescent Drive	Kingswood Drive	12000	250	2%	A	300	3%	350	A	400	3%	9
1294	Pinegrove Street	Kingswood Drive	Park Lane	8000	250	3%	A	300	4%	300	A	350	4%	9
1295	Pinegrove Street	Park Lane	Fairview Drive	8000	250	3%	A	300	4%	300	A	350	4%	8
1292	Pinegrove Street	Pinedale Road	Crescent Drive	8000	250	3%	A	300	4%	300	A	350	4%	9
1374	Pineridge Gate	Bethune Drive S	Kelly Drive	12000	3240	27%	A	3600	30%	3950	B	4850	40%	9
1571	Pineridge Gate	Fairview Drive	Hedgewood Lane	12000	700	6%	A	800	7%	900	A	1050	9%	7
1338	Pineridge Gate	Hahne Drive	Fairview Drive	12000	1000	8%	A	1150	10%	1250	A	1500	13%	8
1375	Pineridge Gate	Hedgewood Lane	Woodmans Chart	8000	500	6%	A	550	7%	600	A	650	8%	9
1373	Pineridge Gate	Kelly Drive	Hahne Drive	12000	3000	25%	A	3350	28%	3700	B	4500	38%	8
1206	Pineridge Gate	Pineridge Gate	End	8000	500	6%	A	550	7%	600	A	650	8%	9
1205	Pineridge Gate	Red Maple Court	Hedgewood Lane	8000	500	6%	A	550	7%	600	A	650	8%	9
1268	Pineridge Gate	Springwood Crescent	Pineridge Gate	8000	500	6%	A	550	7%	600	A	650	8%	9
1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	8000	300	4%	A	350	4%	350	A	400	5%	7
1185	Pineridge Gate	Woodmans Chart	Springwood Crescent	8000	500	6%	A	550	7%	600	A	650	8%	8
1376	Pineridge Gate	Woodmans Chart	Woodmans Chart 160m W of Springwood Crescent	8000	500	6%	A	550	7%	600	A	650	8%	8
1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	8000	150	2%	A	200	3%	200	A	200	3%	5
1699	Pinetree Road-S1	1658m NW of Pinetree Road	End	4000	20	1%	A	25	1%	25	A	25	1%	8
1297	Pinetree Road-S1	Pinetree Road	1658m NW of Pinetree Road	8000	100	1%	A	110	1%	120	A	130	2%	10
15	Post Office Road	Kilworthy Road	100m S of Kilworthy Road	8000	150	2%	A	200	3%	200	A	200	3%	10
1560	Pratt Crescent	Fernwood Drive	Watson Lane	12000	200	2%	A	250	2%	250	A	300	3%	7
1561	Pratt Crescent	Watson Lane	Fernwood Drive	8000	100	1%	A	110	1%	120	A	130	2%	6
1474	Priaultx Road	Highway 11 S	End	8000	20	0%	A	25	0%	25	A	25	0%	6
1475	Private Street	Mcperson Street	End	8000	50	1%	A	55	1%	60	A	65	1%	5
1476	Private Street	Mcperson Street	Musquash Road	8000	100	1%	A	110	1%	120	A	130	2%	7
1477	Progress Road	Industrial Drive	Jones Road	12000	300	3%	A	350	3%	400	A	450	4%	5
1013	Rainbow Cl	Highway 11 S	Sparrow Lake Route D	12000	250	2%	A	300	3%	350	A	400	3%	9

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Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
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1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	12000	250	2%	A	300	3%	350	A	400	3%	7
1014	Rainbow Cl (Over Pass)	Highway 11 N	Highway 11 S	12000	250	2%	A	300	3%	350	A	400	3%	10
1230	Rayner Street	David Street	Pinedale Road	8000	100	1%	A	110	1%	120	A	130	2%	6
1231	Readman Street	Muskoka Road 169	Mcperson Street	8000	100	1%	A	110	1%	120	A	130	2%	8
1674	Reay Road	750m E of Gravenhurst Pkwy	End	12000	300	3%	A	350	3%	400	A	450	4%	6
1234	Reay Road	Elzner Road	End	8000	120	2%	A	150	2%	150	A	150	2%	3
1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	8000	332	4%	A	350	4%	400	A	450	6%	4
1233	Reay Road	Little Norway Lane	Elzner Road	8000	120	2%	A	150	2%	150	A	150	2%	4
1384	Red Maple Court	Pineridge Gate	End	8000	75	1%	A	80	1%	90	A	100	1%	10
1478	Redwing Drive-N3	Loon Lake Road	1250 m SE of Loon Lake Road	8000	30	0%	A	35	0%	35	A	40	1%	6
1385	Reg Schell Road	1029 Reg Schell Road	End	8000	4	0%	A	5	0%	5	A	5	0%	10
1687	Reg Schell Road	Southwood Road	1029 Reg Schell Road	8000	10	0%	A	15	0%	15	A	15	0%	10
1480	Revell Street	Dungey Street	End	8000	50	1%	A	55	1%	60	A	65	1%	4
1479	Revell Street	Musquash Road	Dungey Street	8000	150	2%	A	200	3%	200	A	200	3%	7
1155	Ridge Road	John Street S	285 Ridge Road	8000	200	3%	A	250	3%	250	A	250	3%	9
1696	Riley Lake Road	351m E of Fire Route 6D	End	4000	20	1%	A	25	1%	25	A	25	1%	7
1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	8000	80	1%	A	90	1%	90	A	100	1%	5
1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	8000	50	1%	A	55	1%	60	A	65	1%	3
1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	8000	10	0%	A	15	0%	15	A	15	0%	4
1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	8000	150	2%	A	200	3%	200	A	200	3%	3
1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	8000	168	2%	A	200	3%	200	A	250	3%	4
1492	Road 7000	Kilworthy Road	End	4000	10	0%	A	15	0%	15	A	15	0%	4
1493	Robinson Avenue	Vincent Avenue	Knister Road	8000	80	1%	A	90	1%	90	A	100	1%	7
1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	8000	100	1%	A	110	1%	120	A	130	2%	5
1496	Royal Street	First Street S	Second Street S	8000	200	3%	A	250	3%	250	A	250	3%	7
1495	Royal Street	Muskoka Road S	First Street S	8000	600	8%	A	650	8%	700	A	750	9%	7
1546	Ruttans Road E	Houseys Rapids Road	End	4000	10	0%	A	15	0%	15	A	15	0%	6
1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	4000	12	0%	A	15	0%	15	A	15	0%	5
1666	Ruttans Road W	1100 W of Houseys Rapids Road	End	4000	25	1%	A	30	1%	30	A	35	1%	7

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Traffic Volumes

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1547	Ruttans Road W	Houseys Rapids Road	1000m W of Houseys Rapids Road	8000	12	0%	A	15	0%	15	A	15	0%	8
1548	Sabre Lane	Gravenhurst Parkway	End	8000	100	1%	A	110	1%	120	A	130	2%	8
1502	Sam Cook Road	Bell Road	Fire Route 20G	8000	25	0%	A	30	0%	30	A	35	0%	8
1501	Sam Cook Road	Fire Route 20C	Bell Road	8000	73	1%	A	80	1%	90	A	90	1%	7
1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	8000	100	1%	A	110	1%	120	A	130	2%	6
1444	Sarah Street N	Bay Street	Hughson Street	8000	900	11%	A	950	12%	1000	A	1100	14%	7
1446	Sarah Street N	Brown Street	Peter Street	8000	997	12%	A	1050	13%	1150	A	1250	16%	6
1451	Sarah Street N	Farquhar Street	Wagner Street	8000	750	9%	A	800	10%	850	A	950	12%	9
1449	Sarah Street N	George Street	Winewood Avenue W	8000	800	10%	A	850	11%	900	A	1000	13%	6
1445	Sarah Street N	Hughson Street	Brown Street	8000	900	11%	A	950	12%	1000	A	1100	14%	7
1448	Sarah Street N	Isaac Street	George Street	8000	800	10%	A	850	11%	900	A	1000	13%	7
1447	Sarah Street N	Peter Street	Isaac Street	8000	850	11%	A	900	11%	950	A	1050	13%	7
1450	Sarah Street N	Winewood Avenue W	Farquhar Street	12000	800	7%	A	900	8%	1000	A	1200	10%	9
1504	Sarah Street S	Hotchkiss Street	Bay Street	8000	500	6%	A	550	7%	600	A	650	8%	6
1426	Second Street S	Brock Street	Royal Street	8000	500	6%	A	550	7%	600	A	650	8%	6
1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	12000	200	2%	A	250	2%	250	A	300	3%	7
1428	Sedore Road	Highway 11 N	Luigi Road	8000	100	1%	A	110	1%	120	A	130	2%	6
1370	Sedore Road	Luigi Road	Beaver Ridge Road	12000	200	2%	A	250	2%	250	A	300	3%	6
1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	12000	200	2%	A	250	2%	250	A	300	3%	7
1372	Sedore Road	Ure Road	Beiers Road	12000	200	2%	A	250	2%	250	A	300	3%	7
1625	Sedore Road (overpass)	Sedore Road	Sedora Road	12000	200	2%	A	250	2%	250	A	300	3%	8
1265	Seehaver Road	Barkway Road	Snowcrest Trail	8000	55	1%	A	60	1%	70	A	70	1%	4
1337	Segwun Boulevard	Lorne Street	Oriole Crescent	12000	400	3%	A	450	4%	500	A	600	5%	9
1667	Segwun Boulevard	Oriole Crescent	Waome Lane (future road)	8000	200	3%	A	250	3%	250	A	250	3%	8
1668	Segwun Boulevard	Waome Lane (future road)	End	8000	200	3%	A	250	3%	250	A	250	3%	8
1306	Severn River Road	East Severn River Road	End	8000	55	1%	A	60	1%	70	A	70	1%	6
1305	Severn River Road	Southwood Road	East Severn River Road	8000	55	1%	A	60	1%	70	A	70	1%	8
1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	8000	20	0%	A	25	0%	25	A	25	0%	6
1307	Shady Lane	Muskoka Road 169	Road 6000	8000	80	1%	A	90	1%	90	A	100	1%	8
1429	Shady Lane	Road 6000	Silver Birch Road	8000	55	1%	A	60	1%	70	A	70	1%	5

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1383	Shamrock Marina Road	Graham Road	Renee Drive	8000	150	2%	A	200	3%	200	A	200	3%	5
1325	Shamrock Marina Road	Renee Drive	End	8000	150	2%	A	200	3%	200	A	200	3%	10
1564	Sharpe Street E	First Street S	End	8000	50	1%	A	55	1%	60	A	65	1%	8
1437	Sharpe Street E	Muskoka Road S	First Street S	8000	600	8%	A	650	8%	700	A	750	9%	7
1179	Sharpe Street W	John Street S	Mary Street S	8000	500	6%	A	550	7%	600	A	650	8%	8
1438	Sharpe Street W	Muskoka Road S	John Street S	8000	711	9%	A	750	9%	800	A	900	11%	6
1565	Shoreline Drive	Sniders Bay Road	End	4000	10	0%	A	15	0%	15	A	15	0%	8
1387	Silver Birch Road	Damin Road	Pudden Road	8000	40	1%	A	45	1%	45	A	50	1%	7
1388	Silver Birch Road	Pudder Road	End	8000	40	1%	A	45	1%	45	A	50	1%	5
1567	Silver Birch Road	Sunshine Court	Damin Road	8000	50	1%	A	55	1%	60	A	65	1%	7
1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	4000	150	4%	A	200	5%	200	A	200	5%	3
1741	Silver Lake Road	200m NW of Road 1400 (Top of Hill)	End	4000	150	4%	A	200	5%	200	A	200	5%	7
1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	8000	50	1%	A	55	1%	60	A	65	1%	7
1197	Silver Lake Road	Laycox Road	Sunny Lake Road	8000	175	2%	A	200	3%	200	A	250	3%	3
1441	Silver Lake Road	Road 1400	186m Loop to Road 1400	8000	15	0%	A	20	0%	20	A	20	0%	7
1442	Silver Lake Road	Road 1400	100m Northwest (bottom of hill)	4000	15	0%	A	20	1%	20	A	20	1%	8
1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	8000	150	2%	A	200	3%	200	A	200	3%	4
1566	Simpson Road	Bethune Drive N	End	8000	30	0%	A	35	0%	35	A	40	1%	6
1569	Sixth Street	David Street	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1568	Sixth Street	Phillip Street E	David Street	8000	100	1%	A	110	1%	120	A	130	2%	5
1423	Smith Road	Rattlesnake Road	End	4000	20	1%	A	25	1%	25	A	25	1%	9
1422	Smith Road	Southwood Road	Rattlesnake Road	4000	30	1%	A	35	1%	35	A	40	1%	8
1676	Sniders Bay Road	1017 Sniders Bay Road	1037 Sniders Bay Road	8000	130	2%	A	150	2%	150	A	200	3%	10
1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	8000	124	2%	A	150	2%	150	A	200	3%	5
1673	Sniders Bay Road	Muskoka Road 169	1017 Sniders Bay Road	8000	140	2%	A	150	2%	200	A	200	3%	10
1482	Sniders Bay Road	Sniders Bay Road	End	8000	40	1%	A	45	1%	45	A	50	1%	5
1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	8000	162	2%	A	200	3%	200	A	200	3%	6
1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	8000	150	2%	A	200	3%	200	A	200	3%	7
1399	Sophers Landing Road	Sophers Landing Road	End	8000	150	2%	A	200	3%	200	A	200	3%	5

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Traffic Volumes

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2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	4000	80	2%	A	90	2%	90	A	100	3%	5
1452	South Bay Road	South Kahshe Lake Road	591m N of South Kahshe Lake Road	8000	80	1%	A	90	1%	90	A	100	1%	8
1663	South Kahshe Lake Road	1187 S Kahshe Lake Road	844m NE of 1187 S Kahshe Lake Road	12000	200	2%	A	250	2%	250	A	300	3%	7
1675	South Kahshe Lake Road	200 m E of South Bay Road	1187 S Kahshe Lake Road	12000	200	2%	A	250	2%	250	A	300	3%	8
1705	South Kahshe Lake Road	South Bay Road	S297m E of South Bay Road	12000	221	2%	A	250	2%	300	A	350	3%	7
1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	12000	250	2%	A	300	3%	350	A	400	3%	7
1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	12000	250	2%	A	300	3%	350	A	400	3%	7
1580	South Morrison Lake Road	Cove Road	Lorenz Road	8000	150	2%	A	200	3%	200	A	200	3%	4
1575	South Morrison Lake Road	Evanswood Drive	Green Place Road	12000	405	3%	A	450	4%	500	A	650	5%	10
1579	South Morrison Lake Road	Flanagan Trail	Cove Road	8000	150	2%	A	200	3%	200	A	200	3%	7
1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	12000	290	2%	A	350	3%	400	A	450	4%	7
1405	South Morrison Lake Road	Lorenz Road	End	8000	150	2%	A	200	3%	200	A	200	3%	6
1456	South Morrison Lake Road	Southwood Road	Evanswood Drive	12000	450	4%	A	500	4%	550	A	700	6%	6
1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	12000	210	2%	A	250	2%	300	A	350	3%	6
1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	12000	230	2%	A	300	3%	300	A	350	3%	6
1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	4000	40	1%	A	45	1%	45	A	50	1%	4
1733	South Muldrew Lake Road	853m N of Southwood Road	1144 South Muldrew Lake Road	4000	12	0%	A	15	0%	15	A	15	0%	6
1407	South Muldrew Lake Road	Road 2000	End	4000	150	4%	A	200	5%	200	A	200	5%	7
1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	8000	150	2%	A	200	3%	200	A	200	3%	4
1581	South Sunset Bay Road	Narrows Road	Road 2900	8000	165	2%	A	200	3%	200	A	250	3%	7
1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	8000	150	2%	A	200	3%	200	A	200	3%	6
1582	South Sunset Bay Road	South Sunset Bay Road	End	8000	20	0%	A	25	0%	25	A	25	0%	5
1585	Sparrow Lake Route D	Elderberry Lane	Sparrow Lake Route D	12000	200	2%	A	250	2%	250	A	300	3%	9
1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	12000	300	3%	A	350	3%	400	A	450	4%	6
1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	12000	514	4%	A	600	5%	650	A	800	7%	7
1586	Sparrow Lake Route D	Southwood Road	Elderberry Lane	12000	200	2%	A	250	2%	250	A	300	3%	9
1583	Sparrow Lake Route D	Sparrow Lake Route D	End	12000	200	2%	A	250	2%	250	A	300	3%	7
1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	8000	300	4%	A	350	4%	350	A	400	5%	7

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1651	Steamship Bay Road	Bay Street	Wharf Road	12000	1772	15%	A	2000	17%	2200	A	2650	22%	9
1670	Steamship Bay Road	Wharf Road	Muskoka Road 169	12000	400	3%	A	450	4%	500	A	600	5%	9
1587	Stevenson Road	Southwood Road	End	4000	10	0%	A	15	0%	15	A	15	0%	9
1455	Stonehedge Close	Hedgewood Lane	End	8000	150	2%	A	200	3%	200	A	200	3%	8
1497	Sunny Lake Road	Silver Lake Road	End	8000	60	1%	A	70	1%	70	A	80	1%	7
1590	Sunshine Court	Lakeshore Drive	End	8000	10	0%	A	15	0%	15	A	15	0%	9
1424	Sunshine Court	Muskoka Road 169	Silver Birch Road	12000	200	2%	A	250	2%	250	A	300	3%	8
1589	Sunshine Court	Silver Birch Road	Lakeshore Drive	8000	100	1%	A	110	1%	120	A	130	2%	9
1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	8000	100	1%	A	110	1%	120	A	130	2%	7
1592	Sutherland Way (South Branch)	Alana Boulevard	End	8000	60	1%	A	70	1%	70	A	80	1%	8
1588	Talbot Trail	Alana Boulevard	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1594	Talbot Trail	Graham Road	Joseph Pl	8000	100	1%	A	110	1%	120	A	130	2%	7
1595	Talbot Trail	Joseph Pl	Alana Boulevard	8000	100	1%	A	110	1%	120	A	130	2%	6
1596	Talisman Drive	114m S of Muskoka Road S	End	12000	2500	21%	A	2800	23%	3050	A	3750	31%	9
1694	Talisman Drive	Muskoka Road S	114m S of Muskoka Road S	12000	5557	46%	B	6150	51%	6800	C	8300	69%	9
1593	Taverner Road	Doe Lake Road	End	8000	30	0%	A	35	0%	35	A	40	1%	6
1570	Thain Street E	Muskoka Beach Road	Wellington Street	8000	100	1%	A	110	1%	120	A	130	2%	8
1143	Thain Street W	Freeland Drive	End	12000	200	2%	A	250	2%	250	A	300	3%	8
1603	Thain Street W	Kingbrook Court	Freeland Drive	8000	150	2%	A	200	3%	200	A	200	3%	7
1602	Thain Street W	Muskoka Beach Road	Kingbrook Court	12000	200	2%	A	250	2%	250	A	300	3%	9
1562	Theatre Road	Gravenhurst Pkwy	End	8000	10	0%	A	15	0%	15	A	15	0%	7
1604	Third Street	Bishop Street	David Street	8000	200	3%	A	250	3%	250	A	250	3%	7
1605	Third Street	David Street	Pinedale Road	8000	200	3%	A	250	3%	250	A	250	3%	6
1420	Third Street	Phillip Street E	Bishop Street	8000	200	3%	A	250	3%	250	A	250	3%	6
1563	Third Street	Phillip Street E	End	8000	200	3%	A	250	3%	250	A	250	3%	5
1597	Third Street	Pinedale Road	End	8000	100	1%	A	110	1%	120	A	130	2%	6
1611	Thomas Road	Barkway Road (1st Intersection)	450m E of Barkway Road (1st Intersection)	4000	40	1%	A	45	1%	45	A	50	1%	7
1421	Tiffany Trail	Evans Avenue W	End	8000	50	1%	A	55	1%	60	A	65	1%	8
1340	Tomingas Road	Bird Haven Way	End	8000	60	1%	A	70	1%	70	A	80	1%	3

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1485	Tomingas Road	Doe Lake Road	Bird Haven Way	8000	93	1%	A	100	1%	110	A	120	2%	5
1613	Tower Crescent	1701 Highway 11 S	End	8000	100	1%	A	110	1%	120	A	130	2%	7
1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	8000	100	1%	A	110	1%	120	A	130	2%	6
1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	8000	100	1%	A	110	1%	120	A	130	2%	5
1630	Tryon Drive	Erins Way	North Kahshe Lake Road	12000	200	2%	A	250	2%	250	A	300	3%	8
1629	Tryon Drive	Hastings Drive	Erins Way	12000	200	2%	A	250	2%	250	A	300	3%	8
1622	Tryon Drive	South Kahshe Lake Road	Hastings Drive	12000	300	3%	A	350	3%	400	A	450	4%	8
1632	Twigs End	Hedgewood Lane	End	8000	120	2%	A	150	2%	150	A	150	2%	8
1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	12000	500	4%	A	600	5%	650	A	750	6%	7
1461	Veterans Way	First Street S	Bethune Drive S	8000	500	6%	A	550	7%	600	A	650	8%	7
1459	Veterans Way	Muskoka Road S	First Street S	8000	500	6%	A	550	7%	600	A	650	8%	7
1634	Victoria Street	Muskoka Road N	First Street N	8000	500	6%	A	550	7%	600	A	650	8%	8
1606	Vincent Avenue	Muskoka Road N	Robinson Avenue	12000	200	2%	A	250	2%	250	A	300	3%	8
1607	Vincent Avenue	Robinson Avenue	Lakeview Avenue	8000	100	1%	A	110	1%	120	A	130	2%	8
1610	Violet Street	First Street S	Bethune Drive S	8000	400	5%	A	450	6%	450	A	500	6%	7
1609	Violet Street	Muskoka Road S	First Street S	8000	400	5%	A	450	6%	450	A	500	6%	7
1619	Wagner Street	Austin Street	Louise Street	12000	200	2%	A	250	2%	250	A	300	3%	7
1617	Wagner Street	Emma Street	Sarah Street N	12000	500	4%	A	600	5%	650	A	750	6%	6
1614	Wagner Street	John Street N	Lorne Street	8000	750	9%	A	800	10%	850	A	950	12%	7
1615	Wagner Street	John Street N	Mary Street N	8000	500	6%	A	550	7%	600	A	650	8%	6
1620	Wagner Street	Louise Street	Gateway Drive	8000	100	1%	A	110	1%	120	A	130	2%	7
1616	Wagner Street	Mary Street N	Emma Street	8000	500	6%	A	550	7%	600	A	650	8%	6
1618	Wagner Street	Sarah Street N	Austin Street	8000	100	1%	A	110	1%	120	A	130	2%	8
1621	Walker Road	Houseys Rapids Road	End	4000	30	1%	A	35	1%	35	A	40	1%	8
1430	Walton Road	Old Muskoka Road	Lofty Pines Drive	8000	200	3%	A	250	3%	250	A	250	3%	9
1431	Wanda Miller Road	Bay Street	Hotchkiss Street	8000	200	3%	A	250	3%	250	A	250	3%	7
1427	Wanda Miller Road	Hotchkiss Street	End	8000	50	1%	A	55	1%	60	A	65	1%	6
1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	4000	30	1%	A	35	1%	35	A	40	1%	5
1432	Wapaska Crescent	Muskoka Road 169	30m to Wapaska Crescent Fork 1	8000	50	1%	A	55	1%	60	A	65	1%	8

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	4000	50	1%	A	55	1%	60	A	65	2%	4
1434	Wapaska Crescent	Wapaska Crescent Fork 1	67m E of Wapaska Crescent Fork 2	8000	50	1%	A	55	1%	60	A	65	1%	9
1435	Wapaska Crescent	Wapaska Crescent Fork 2	End	8000	50	1%	A	55	1%	60	A	65	1%	9
1436	Wapaska Crescent	Wapaska Crescent Fork 2	End	8000	50	1%	A	55	1%	60	A	65	1%	8
1652	Water Treatment Plant Road	Muskoka Beach Road	End	8000	20	0%	A	25	0%	25	A	25	0%	7
1608	Watson Lane	Pratt Crescent	End	8000	50	1%	A	55	1%	60	A	65	1%	7
1487	Wellington Street	Blanchard Street E	Evans Avenue E	8000	70	1%	A	80	1%	80	A	90	1%	7
1488	Wellington Street	Evans Avenue E	Catherine Street E	8000	70	1%	A	80	1%	80	A	90	1%	7
1486	Wellington Street	Thain Street E	Blanchard Street E	8000	70	1%	A	80	1%	80	A	90	1%	8
1661	Wellington Street	Thain Street E	End	8000	50	1%	A	55	1%	60	A	65	1%	9
1489	Wenona Lodge Road	Canning Road	Rockwood Road	8000	40	1%	A	45	1%	45	A	50	1%	3
1599	Westwind Court	Muskoka Bay Boulevard	End	8000	90	1%	A	100	1%	100	A	110	1%	9
1662	Wharf Road	Steamship Bay Road	End	8000	75	1%	A	80	1%	90	A	100	1%	9
1400	Whitehead Road	Parkers Point Road	Road 3500	8000	80	1%	A	90	1%	90	A	100	1%	5
1401	Whitehead Road	Road 3500	Road 3600	8000	40	1%	A	45	1%	45	A	50	1%	6
1402	Whitehead Road	Road 3600	End	8000	20	0%	A	25	0%	25	A	25	0%	6
1635	Wigwam Lodge Road	North Kahshe Lake Road	Oak Road	8000	100	1%	A	110	1%	120	A	130	2%	9
1598	Winewood Avenue W	Austin Street	End	8000	40	1%	A	45	1%	45	A	50	1%	6
1639	Winewood Avenue W	John Street N	Mary Street N	8000	183	2%	A	200	3%	250	A	250	3%	8
1640	Winewood Avenue W	Mary Street N	Sarah Street N	8000	150	2%	A	200	3%	200	A	200	3%	7
1638	Winewood Avenue W	Muskoka Road N	John Street N	8000	200	3%	A	250	3%	250	A	250	3%	7
1641	Winewood Avenue W	Sarah Street N	Austin Street	8000	200	3%	A	250	3%	250	A	250	3%	6
1645	Winhara Road	1630 Winhara Road	Kilty Switch Road	12000	557	5%	A	650	5%	700	A	850	7%	10
1642	Winhara Road	500m North of Bethune Drive N	Jones Road	12000	557	5%	A	650	5%	700	A	850	7%	7
1683	Winhara Road	Approx 100m North of Langford Drive	1630 Winhara Road	12000	557	5%	A	650	5%	700	A	850	7%	10
1736	Winhara Road	approx 50m North of Bethune Drive N	500m North of Bethune Drive N	12000	930	8%	A	1050	9%	1150	A	1400	12%	10
1644	Winhara Road	Barnes Road	100m North of Langford Drive	12000	557	5%	A	650	5%	700	A	850	7%	10
1737	Winhara Road	Bethune Drive N	approx 50m North of Bethune Drive N	12000	930	8%	A	1050	9%	1150	A	1400	12%	9

Gravenhurst Road Needs Study 2021

Traffic Volumes

Asset ID	Road Name	From	To	Capacity (vpd)	2021 Horizon			2026 Horizon		2031 Horizon		2041 Horizon		
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Level of Service
1643	Winhara Road	Jones Road	Barnes Road	12000	930	8%	A	1050	9%	1150	A	1400	12%	10
1646	Winhara Road	Kilty Switch Road	End	12000	557	5%	A	650	5%	700	A	850	7%	10
1647	Witbeck Road	300 m W of Houseys Rapids Road	Fire Route 5A	4000	30	1%	A	35	1%	35	A	40	1%	7
1648	Witbeck Road	Fire Route 5A	520 m N of Fire Route 5A	4000	30	1%	A	35	1%	35	A	40	1%	7
1734	Witbeck Road	Houseys Rapids Road	300 m W of Houseys Rapids Road	8000	80	1%	A	90	1%	90	A	100	1%	8
1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	8000	125	2%	A	150	2%	150	A	200	3%	7
1612	Woods Hollow	Hedgewood Lane	End	8000	100	1%	A	110	1%	120	A	130	2%	8

Appendix C: Road Inventory

Gravenhurst Road Needs Study 2021

Master List - Road Sections & Existing Conditions

Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	open ditch	Rural	Collector	5	2	13.00	Asphalt	7	earth/dirt	3.0	50	800	59
1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	no ditch	Rural	Local	6	1	6.00	Surface Treated	5	earth/dirt	0.5	50	5	51
1716	1318 Brydons Bay Road	Brydons Bay Road	End	0.1	no ditch	Rural	Local	6	1	4.00	gravel	3	earth/dirt	0.5	50	5	61
1717	1320 Brydons Bay Road	Brydons Bay Road	End	0.1	no ditch	Rural	Local	6	1	3.00	Surface Treated	3	other	0.0	50	5	97
1068	Abbey Lane	Farquhar Street	End	0.1	storm sewer	Semi-Urban	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	50	87
1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	100	74
1506	Alexander Street	Blanchard Street W	Evans Avenue W	0.3	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	50	95
1507	Alexander Street	Evans Avenue W	Catherine Street W	0.2	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	50	83
1508	Alexander Street	Catherine Street W	Palmer Drive	0.2	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	50	85
1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	open ditch	Semi-Urban	Local	6	2	9.00	Asphalt	8	earth/dirt	0.5	50	150	71
1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	open ditch	Rural	Collector	6	2	8.00	Asphalt	7	earth/dirt	0.5	40	200	79
1084	Amelia Crescent (N of Fleming Dr)	Fleming Drive	End	0.1	no ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	40	20	84
1085	Art Crisp Road	Baseline Road	End	1.1	open ditch	Rural	Local	6	2.00	7.50	Surface Treated	6	earth/dirt	0.8	50	70	53
1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	open ditch	Rural	Collector	5	2	9.10	Surface Treated	5.5	earth/dirt	1.8	50	300	56
1513	Austin Street	Winewood Avenue W	George Street	0.1	no ditch	Semi-Urban	Local	5	2	7.60	Asphalt	6.6	earth/dirt	0.5	50	250	76
1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	open ditch	Semi-Urban	Local	5	2	7.90	Asphalt	6.1	earth/dirt	0.9	50	250	61
1515	Austin Street	Farquhar Street	Wagner Street	0.1	no ditch	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	250	83
1516	Austin Street	Wagner Street	Fraser Street	0.1	no ditch	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	250	53
1517	Austin Street	Fraser Street	Lorne Street	0.1	no ditch	Semi-Urban	Local	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	250	40
1055	Bakery Lane	Muskoka Road 169	Mcperson Street	0.1	open ditch	Rural	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	200	68
1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	open ditch	Rural	Local	6	2	8.00	Surface Treated	6	earth/dirt	1.0	50	40	72
1671	Balfour Woods Road	Southwood Road	1008 Balfour Woods Road	0.0	open ditch	Rural	Local	6	2	8.00	Surface Treated	6	earth/dirt	1.0	50	30	93
1725	Balfour Woods Road	Long Point Drive	112m S of Long Point Drive	0.1	open ditch	Rural	Local	6	2	8.00	Surface Treated	6	earth/dirt	1.0	50	40	81
1089	Barkway Road	Doe Lake Road	Seehaver Road	1.1	open ditch	Rural	Local	5	2	9.00	Surface Treated	7	gravel	1.0	60	122	100
1090	Barkway Road	Seehaver Road	Merkley Road	2.1	open ditch	Rural	Local	5	2	9.00	Surface Treated	7	gravel	1.0	60	92	100
1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	open ditch	Rural	Collector	5	2	10.30	Surface Treated	6.1	earth/dirt	2.1	60	200	73
1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	open ditch	Rural	Local	5	2	10.30	Surface Treated	6.1	earth/dirt	2.1	60	180	50
1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	open ditch	Rural	Collector	5	2	10.30	Surface Treated	6.1	earth/dirt	2.1	60	200	54
1094	Barkway Road	Loft Lane	Thomas Road	0.2	open ditch	Rural	Collector	5	2	10.30	Surface Treated	6.1	gravel	2.1	60	200	82
1095	Barkway Road	Houseys Rapids Road	Loft Lane	0.2	open ditch	Rural	Collector	5	2	10.30	Surface Treated	6.1	gravel	2.1	60	206	100
1658	Barnes Road	Winhara Road	End	0.7	no ditch	Rural	Local	6	2	8.00	Surface Treated	6	earth/dirt	1.0	50	10	62
1077	Barnes Road (West of Winhara Rd)	Winhara Road	End	0.1	no ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	50	30	71
1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	220	56
1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	60	220	72
1081	Baseline Road	Four Seasons Road	Canning Road	1.3	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	60	220	60

Gravenhurst Road Needs Study 2021

Master List - Road Sections & Existing Conditions

Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	open ditch	Rural	Collector	5	2	9.50	Surface Treated	6.5	gravel	1.5	50	294	47
1601	Baypoint Court	Muskoka Bay Boulevard	End	0.2	storm sewer	Urban	Local	6	2	9.00	Asphalt	9	other	0.0	50	110	94
1002	Bea Dale Lane	Canning Road	Valley Drive	0.4	no ditch	Rural	Local	6	1	4.30	Gravel	3.3	gravel	0.5	20	75	72
1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	no ditch	Rural	Local	6	2	8.50	Surface Treated	6.5	earth/dirt	1.0	50	8	60
1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	8	58
1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	open ditch	Rural	Local	6	2	8.50	Asphalt	6.5	earth/dirt	1.0	50	10	68
1030	Bell Road	Sam Cook Road	Bell Road	0.2	no ditch	Rural	Local	6	1	4.30	Gravel	3.3	earth/dirt	0.5	50	50	79
1100	Bell Road	Donald Sutherland Trail	End	0.3	no ditch	Rural	Local	6	1	4.30	Gravel	3.3	gravel	0.5	50	25	72
1037	Ben Lake Road E	Barkway Road	800m East of Barkway Road	0.8	open ditch	Rural	Local	6	1	4.50	Gravel	3.5	gravel	0.5	50	15	68
1040	Ben Lake Road E	Fire Route B1	490m S of Ben Lake Road E	0.5	no ditch	Rural	Local	6	1	4.50	Gravel	3.5	gravel	0.5	50	5	71
1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	no ditch	Rural	Local	6	1	4.50	Gravel	3.5	gravel	0.5	50	20	57
1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	no ditch	Rural	Local	6	1	4.50	surface treated	3.5	gravel	0.5	50	300	53
1128	Ben Lake Road E	850m E of Barkway Road	Fire Route B1	1.5	no ditch	Rural	Local	6	1	4.50	gravel	3.5	gravel	0.5	50	10	68
1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	gravel	0.5	50	10	70
1052	Benzinger Road	Frederick Lane	Fire Route 11B	1.0	open ditch	Rural	Local	6	1	5.50	Gravel	4.5	gravel	0.5	50	40	61
1053	Benzinger Road	Fire Route 11B	Mcaulay Road	0.5	no ditch	Rural	Local	6	1	5.50	Gravel	4.5	gravel	0.5	50	50	74
1048	Birch Point Road	Brydons Bay Road	1060 Birch Point Road	0.6	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	20	72
1678	Birch Point Road	1060 Birch Point Road	End	0.2	no ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	50	10	70
1520	Bird Haven Way	Tomingas Road	End	0.2	no ditch	Rural	Local	6	1	4.00	Gravel	3	earth/dirt	0.5	50	400	59
1101	Bishop Street	First Street S	End	0.0	open ditch	Semi-Urban	Local	6	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	200	60
1102	Bishop Street	First Street S	Bethune Drive S	0.1	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	200	79
1103	Bishop Street	Bethune Drive S	Third Street	0.1	no ditch	Semi-Urban	Local	5	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	40	70
1104	Bishop Street	Third Street	Fourth Street	0.1	no ditch	Semi-Urban	Local	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	70	87
1105	Bishop Street	Fourth Street	End	0.1	no ditch	Semi-Urban	Local	6	2	6.00	Asphalt	5	earth/dirt	0.5	50	120	58
1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	93	68
1107	Blanchard Street W	Muskoka Beach Road	Alexander Street	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	50	97
1108	Blanchard Street W	Alexander Street	Lisa Lane	0.3	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	20	89
1109	Blanchard Street W	Lisa Lane	Evans Avenue W	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	40	82
1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	70	49
1110	Booth Lane	Muriel Crescent	End	0.4	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	40	500	68
1600	Breakwater Court	Muskoka Bay Boulevard	End	0.1	storm sewer	Urban	Local	6	2	9.00	Asphalt	9	other	0.0	50	1123	100
1510	Brock Street	Bethune Drive N	End	0.1	no ditch	Semi-Urban	Local	5	2	8.40	Asphalt	7.4	earth/dirt	0.5	50	1000	87
1111	Brown Street	Muskoka Road N	Mcneice Laneway	0.1	storm sewer	Urban	Local	4	2	12.50	Asphalt	12.5	other	0.0	50	1000	87
1112	Brown Street	Mcneice Laneway	John Street N	0.1	storm sewer	Urban	Local	4	2	12.50	Asphalt	12.5	other	0.0	50	1000	95
1113	Brown Street	John Street N	Mary Street N	0.1	storm sewer	Semi-Urban	Local	4	2	9.50	Asphalt	6.5	asphalt	1.5	50	1000	56
1114	Brown Street	Mary Street N	Sarah Street N	0.1	storm sewer	Urban	Local	4	2	7.00	Asphalt	7	other	0.0	50	50	81

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Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1115	Brown Street	Sarah Street N	Greavette Street	0.1	storm sewer	Urban	Local	4	2	7.00	Asphalt	7	other	0.0	50	50	92
1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	50	73
1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	50	57
1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	60	73
1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	50	66
1025	Brydons Bay Road	Alexander Street	Chamberlain Drive	0.2	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	100	86
1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	59	64
1057	Brydons Bay Road	Muskoka Beach Road	Birch Point Road	0.2	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	20	82
1159	Brydons Bay Road	Birch Point Road	Alexander Street	0.2	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	5	88
1713	Brydons Bay Road	Brydons Bay Road	End	0.3	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	200	74
1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	100	76
1160	Burnett Street	Bay Street	Hughson Street	0.1	storm sewer	Semi-Urban	Local	5	2	7.20	Asphalt	6.2	earth/dirt	0.5	50	300	82
1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	306	68
1739	Campbells Road	350m S of Gravenhurst Parkway	End	1.9	open ditch	Rural	local	5	2	8.00	gravel	7	gravel	0.5	60	10	72
1098	Canning Road	Baseline Road	Southwood Road	1.0	open ditch	Rural	Collector	5	2	9.10	Surface Treated	6.1	earth/dirt	1.5	50	400	72
1518	Canning Road	Highway 11 S	Baseline Road	1.0	open ditch	Rural	Collector	5	2	9.10	Surface Treated	6.1	earth/dirt	1.5	50	70	70
1167	Cardinal Crescent	Kilworthy Road	End	0.1	open ditch	Rural	Local	6	1	6.00	gravel	5	earth/dirt	0.5	50	77	60
1164	Caroline Street	Muskoka Road S	Clarence Street	0.1	storm sewer	Semi-Urban	Local	5	2	8.80	Asphalt	7.8	earth/dirt	0.5	50	70	94
1165	Caroline Street	Clarence Street	End	0.1	storm sewer	Semi-Urban	Local	6	2	7.00	Asphalt	7	earth/dirt	0.0	50	100	88
1049	Catherine Street E	Muskoka Beach Road	Wellington Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7	earth/dirt	0.8	50	150	82
1050	Catherine Street W	Alexander Street	Douglas Street	0.1	open ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	350	77
1051	Catherine Street W	Douglas Street	Mckenzie Street	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	200	92
1166	Catherine Street W	Muskoka Beach Road	Alexander Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	50	80
1425	Centennial Drive	Church Street	Brock Street	0.2	storm sewer	Urban	Local	5	2	9.10	Asphalt	8.1	earth/dirt	0.5	50	200	88
1679	Centennial Drive	Church Street	End	0.4	storm sewer	Urban	Local	5	2	8.00	Asphalt	8	other	0.0	50	70	96
1120	Charles Road	Muskoka Road 169	End	1.0	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	15	39
1168	Cherokee Lane	Bay Street	End	0.2	no ditch	Semi-Urban	Local	5	1	5.00	Asphalt	5	earth/dirt	0.0	50	15	70
1169	Chickadee Lane	Silver Lake Road	1000 m south of Silver Lake Road	1.0	open ditch	Rural	Local	6	2	5.50	Gravel	4.5	gravel	0.5	50	600	79
1738	Chickadee Lane	1000 m south of Silver Lake Road	End	0.8	open ditch	Rural	Local	6	2	7.00	gravel	6	gravel	0.5	50	500	98
1087	Chippewa Avenue	Muskoka Beach Road	End	0.1	no ditch	Rural	Local	6	1	4.50	Gravel	3.5	earth/dirt	0.5	50	100	95
1088	Chippewa Lane	Muskoka Beach Road	End	0.1	open ditch	Rural	Local	6	1	4.50	Gravel	3.5	earth/dirt	0.5	50	500	78
1074	Church Street	Muskoka Road N	First Street N	0.1	storm sewer	Urban	Local	5	2	11.50	Asphalt	11.5	other	0.0	50	150	88
1075	Church Street	First Street N	Centennial Drive	0.1	storm sewer	Semi-Urban	Local	5	2	8.30	Asphalt	8.3	other	0.0	50	500	84
1121	Church Street	Centennial Drive	End	0.0	storm sewer	Urban	Local	6	2	8.30	Asphalt	8.3	other	0.0	50	500	92
1680	Church Street	Centennial Drive (1st Intersection)	30m E of Centennial Drive (1st Intersection)	0.0	storm sewer	Urban	Local	5	2	8.30	Asphalt	8.3	other	0.0	50	500	82

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1078	Clairmont Road	Bay Street	End	0.2	no ditch	Rural	Local	6	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	17	69
1116	Clarence Street	Caroline Street	Margaret Street	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	300	80
1117	Clarence Street	Margaret Street	Gillan Drive	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	55	80
1118	Clarence Street	Gillan Drive	Edward Street	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	55	74
1352	Clarence Street	Nelson Street	Caroline Street	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	50	75
1005	Cliff Bruce Road	Muskoka Beach Road	End	0.3	no ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	10	74
1122	Clipsham Road	Southwood Road	Wiancko Road	0.5	open ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	50	60	85
1636	Clipsham Road	Wiancko Road	End	0.2	no ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	50	200	68
1484	Conservation Road	Doe Lake Road	End	1.1	no ditch	Rural	Local	6	2	6.50	asphalt	5.5	gravel	0.5	40	150	94
2076	Cooks Road	Houseys Rapids Road	100 m E of Houseys Rapids Road	0.1	no ditch	Rural	Local	6	1	4.00	gravel	3	gravel	0.5	50	10	79
1054	Coon Road	Bethune Drive N	End	0.5	open ditch	Rural	Local	6	2	9.10	Gravel	6.1	gravel	1.5	50	175	81
1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	open ditch	Rural	Collector	5	2	9.70	Surface Treated	6.1	earth/dirt	1.8	50	300	61
1163	Cowbell Lane	Manson Lane	End	1.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	200	76
1511	Cox Road	Highway 11 S	End	0.3	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	gravel	0.5	50	200	47
1512	Crawford Road	Jones Road	End	0.5	open ditch	Rural	Local	6	2	9.10	Asphalt	6.1	earth/dirt	1.5	50	20	79
1042	Crescent Drive	Kingswood Drive	Park Lane	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	100	87
1076	Crescent Drive	Pinegrove Street	Kingswood Drive	0.2	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	268	84
1137	Crescent Drive	Park Lane	Fairview Drive	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	200	70
1139	Cyril Gill Drive	Road 1100	End	0.1	open ditch	Rural	Local	6	1	5.50	Gravel	4.5	earth/dirt	0.5	50	200	56
1070	David Street	First Street S	End	0.1	no ditch	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	200	81
1071	David Street	First Street S	Bethune Drive S	0.1	storm sewer	Semi-Urban	Local	5	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	150	73
1072	David Street	Bethune Drive S	Third Street	0.1	no ditch	Semi-Urban	Local	5	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	50	89
1073	David Street	Third Street	Rayner Street	0.1	no ditch	Semi-Urban	Local	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	15	88
1140	David Street	Rayner Street	Fifth Street	0.1	no ditch	Semi-Urban	Local	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	80	87
1141	David Street	Fifth Street	Sixth Street	0.1	no ditch	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	20	79
1142	David Street	Sixth Street	End	0.1	no ditch	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	10	68
1554	Davis Drive	Graham Road	353m S of Graham Road	0.4	no ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	40	100	64
1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	open ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	2931	70
1127	Dove Drive	Kilworthy Road	End	0.1	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	500	69
1145	Dungey Street	Revell Street	End	0.1	open ditch	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	200	73
1161	East Severn River Road	Severn River Road	End	0.2	no ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	10	80
1156	Edward Street	Muskoka Road S	Clarence Street	0.1	storm sewer	Urban	Local	4	2	11.00	Asphalt	11	other	0.0	50	30	96
1157	Edward Street	Clarence Street	George Beard Lane	0.1	storm sewer	Urban	Local	5	2	8.80	Asphalt	8.8	other	0.0	50	50	87
1158	Elder Street	Muskoka Road N	First Street N	0.1	storm sewer	Semi-Urban	Local	5	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	50	70
1003	Elderberry Lane	Sparrow Lake Route D	End	0.2	open ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	50	150	79
1549	Elzner Road	Reay Road	End	0.7	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	150	32

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1181	Emma Street	Wagner Street	Fraser Street	0.1	storm sewer	Semi-Urban	Local	6	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	150	53
1126	Erins Way	Tryon Drive	End	0.1	open ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	40	100	87
1022	Evans Avenue E	Muskoka Beach Road	Wellington Street	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	20	86
1021	Evans Avenue W	Muskoka Beach Road	Alexander Street	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	50	88
1023	Evans Avenue W	Alexander Street	Tiffany Trail	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	200	88
1024	Evans Avenue W	Tiffany Trail	Blanchard Street W	0.2	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	263	92
2085	Evergreen Court	42 m NW of Muskoka Beach Road	End	0.2	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	200	82
1706	Evergreen Court	Muskoka Beach Road	42m NW of Muskoka Beach Road	0.0	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	70	94
1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	no ditch	Rural	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	250	61
1522	Fairview Drive	Pineridge Gate	Pinegrove Street	0.0	open ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	250	89
1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	storm sewer	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	250	66
1519	Farquhar Street	Austin Street	Abbey Lane	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	250	64
1524	Farquhar Street	Muskoka Road N	John Street N	0.1	storm sewer	Semi-Urban	Collector	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	100	68
1525	Farquhar Street	John Street N	Mary Street N	0.1	storm sewer	Semi-Urban	Collector	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	100	79
1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	storm sewer	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	100	72
1527	Farquhar Street	Sarah Street N	Austin Street	0.1	sewer & ditch	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	200	94
1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	open ditch	Rural	Local	6	2	7.10	Surface Treated	6.1	earth/dirt	0.5	50	300	45
1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	open ditch	Rural	Local	6	2	7.10	Surface Treated	6.1	earth/dirt	0.5	50	50	62
1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	no ditch	Rural	Local	6	2	8.10	Surface Treated	6.1	earth/dirt	1.0	50	10	74
1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	storm sewer	Semi-Urban	Collector	5	2	10.00	Asphalt	9	earth/dirt	0.5	50	1947	77
1146	Fernwood Drive	James Street	Pratt Crescent	0.3	storm sewer	Semi-Urban	Collector	5	2	10.00	Asphalt	9	earth/dirt	0.5	50	2000	51
1147	Fifth Street	David Street	End	0.1	no ditch	Semi-Urban	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	1950	64
1208	Fire Route C1 (Snowcrest Trail)	Seehaver Road	End	0.8	no ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	50	1000	90
1182	First Street N	Elder Street	Winewood Avenue E	0.2	storm sewer	Urban	Collector	4	2	12.00	Asphalt	12	other	0.0	50	1950	95
1210	First Street N	Brock Street	Harvie Street	0.1	storm sewer	Urban	Collector	4	2	12.00	Asphalt	12	other	0.0	50	400	48
1310	First Street N	Victoria Street	Elder Street	0.1	storm sewer	Urban	Collector	4	2	12.00	Asphalt	12	other	0.0	50	200	96
1550	First Street N	Harvie Street	Church Street	0.1	storm sewer	Urban	Collector	4	2	10.00	Asphalt	10	other	0.0	50	1000	50
1552	First Street N	Church Street	Victoria Street	0.1	storm sewer	Urban	Collector	4	2	12.00	Asphalt	12	other	0.0	50	1000	95
1183	First Street S	David Street	Veterans Way	0.1	storm sewer	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	600	48
1184	First Street S	Veterans Way	Main Street	0.1	no ditch	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	400	46
1209	First Street S	Brock Street	Royal Street	0.1	storm sewer	Urban	Collector	4	2	12.00	Asphalt	12	other	0.0	50	400	94
1211	First Street S	Royal Street	Sharpe Street E	0.1	storm sewer	Urban	Collector	4	2	12.00	Asphalt	11.7	other	0.0	50	600	94
1311	First Street S	Bishop Street	David Street	0.1	no ditch	Semi-Urban	Collector	5	2	10.00	Asphalt	6	earth/dirt	2.0	50	600	45
1312	First Street S	Main Street	Violet Street	0.2	no ditch	Semi-Urban	Collector	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	5	63
1313	First Street S	Violet Street	Bethune Drive S	0.3	no ditch	Semi-Urban	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	10	70

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1551	First Street S	Sharpe Street E	Phillip Street E	0.1	no ditch	Semi-Urban	Collector	5	2	10.00	Asphalt	6	asphalt	2.0	50	200	32
1553	First Street S	Phillip Street E	Bishop Street	0.1	no ditch	Semi-Urban	Collector	5	2	10.00	Asphalt	6	asphalt	2.0	50	200	47
1015	Fish Hook Lane	Southwood Road	175m E of Southwood Road	0.2	open ditch	Rural	Local	6	2	6.50	Gravel	5.5	gravel	0.5	50	100	84
1004	Fitchett Lane	Riley Lake Road	202m SE of Riley Lake Road (End)	0.2	no ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	50	50	86
1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	open ditch	Rural	Collector	6	2	8.00	Asphalt	7	earth/dirt	0.5	40	30	79
1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	open ditch	Rural	Collector	6	2	8.00	Asphalt	7	earth/dirt	0.5	40	10	73
1316	Forest Glen Drive	Jones Road	End	0.3	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	40	10	87
1151	Fourth Street	Phillip Street E	Bishop Street	0.1	no ditch	Semi-Urban	Local	6	2	7.40	Asphalt	6.4	earth/dirt	0.5	50	100	80
1152	Fourth Street	Bishop Street	End	0.1	no ditch	Semi-Urban	Local	6	2	7.20	Asphalt	6.2	earth/dirt	0.5	50	100	72
1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	open ditch	Rural	Local	6	2	6.00	gravel	5	gravel	0.5	50	100	30
1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	30	73
1038	Fraser Street	Emma Street	Austin Street	0.2	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	75	55
1039	Fraser Street	Austin Street	Louise Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	90	69
1572	Fraser Street	Louise Street	Gateway Drive	0.2	open ditch	Semi-Urban	Local	6	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	90	95
1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	no ditch	Rural	Local	6	1	4.00	Gravel	3	gravel	0.5	50	90	58
1069	Freeland Drive	Thain Street W	End	0.2	storm sewer	Urban	Local	6	2	8.40	Asphalt	8.4	other	0.0	50	60	76
1214	Gateway Drive	Lorne Street	Grace Court	0.3	open ditch	Rural	Local	6	2	8.60	Surface Treated	6	earth/dirt	1.3	50	200	82
1573	Gateway Drive	Wagner Street	Fraser Street	0.1	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	200	88
1574	Gateway Drive	Fraser Street	Lorne Street	0.1	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	140	95
1660	Gateway Drive	Grace Court	End	0.1	no ditch	Rural	Local	6	2	8.60	Surface Treated	6	earth/dirt	1.3	50	140	80
1062	George Beard Lane	Edward Street	Gillan Drive	0.1	no ditch	Rural	Local	6	2	8.30	Asphalt	7.3	earth/dirt	0.5	2	140	88
1063	George Beard Lane	Gillan Drive	Margaret Street	0.1	storm sewer	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	asphalt	0.5	50	150	82
1059	George Street	John Street N	Mary Street N	0.1	no ditch	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	150	54
1060	George Street	Mary Street N	Sarah Street N	0.1	no ditch	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	27	50
1061	George Street	Sarah Street N	Austin Street	0.1	no ditch	Semi-Urban	Local	6	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	20	73
1215	George Street	Muskoka Road N	John Street N	0.1	no ditch	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	40	54
1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	no ditch	Semi-Urban	Local	6	2	7.50	Asphalt	5.5	earth/dirt	1.0	50	100	66
1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	no ditch	Rural	Local	6	2	6.50	Asphalt	5.5	earth/dirt	0.5	50	100	64
1218	Glen Echo Road	Glen Echo Road	End	0.0	no ditch	Rural	Local	6	2	6.50	Gravel	5.5	earth/dirt	0.5	50	30	63
1129	Goldfinch Court	Kilworthy Road	End	0.2	open ditch	Rural	Local	6	2.00	7.50	Surface Treated	6	earth/dirt	0.8	50	50	39
1066	Golf Club Road	Hoc-Roc Drive	End	0.3	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	20	49
1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	400	46
1659	Grace Court	Gateway Drive	End	0.1	open ditch	Rural	Local	6	2	8.60	Surface Treated	6.6	earth/dirt	1.0	50	350	63
1064	Graham Road	Bowers Lane	Bagley Road	0.5	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	263	68
1065	Graham Road	Bagley Road	Godfrey Road	0.2	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	100	75

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Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1153	Graham Road	Southwood Road	Talbot Trail	0.3	no ditch	Rural	Collector	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	300	100
1176	Graham Road	Talbot Trail	Pasture Lane	0.4	open ditch	Rural	Collector	5	2.00	7.50	Asphalt	6	earth/dirt	0.8	50	300	100
1177	Graham Road	Shamrock Marina Road	Rockcastle Road	1.2	open ditch	Rural	Collector	5	2.00	7.50	Asphalt	6	gravel	0.8	50	1000	100
1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	100	69
1681	Graham Road	Pasture Lane	60 m west of Pasture Lane	0.1	open ditch	Rural	Collector	5	2.00	7.50	Asphalt	6	earth/dirt	0.8	50	10	100
1721	Graham Road	60 m west of Pasture Lane	Shamrock Marina Road	0.1	open ditch	Rural	Collector	5	2.00	7.50	Gravel	6	earth/dirt	0.8	50	141	74
1001	Greavette Street	Bay Street	Brown Street	0.1	storm sewer	Urban	Local	4	2	8.00	Asphalt	8	other	0.0	50	20	84
1521	Greavette Street	Brown Street	End	0.1	storm sewer	Urban	Local	6	2	8.00	Asphalt	8	other	0.0	50	300	100
1199	Greenhalgh Road	Jim Wood Lane	End	0.6	no ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	50	81
1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	storm sewer	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	200	80
1410	Halls Road	Houseys Rapids Road	1033 m W of Houseys Rapids Road	1.0	open ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	40	300	84
1242	Harvie Street	Muskoka Road N	First Street N	0.1	storm sewer	Urban	Local	5	2	13.40	Asphalt	8.6	asphalt	2.4	50	300	87
1243	Hastings Drive	Tryon Drive	Picard Lane	0.3	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	40	300	86
1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	open ditch	Rural	Collector	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	300	58
1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	40	300	79
1245	Hedgewood Lane	Stonehedge Close	Woods Hollow	0.1	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	40	100	85
1246	Hedgewood Lane	Woods Hollow	Twigs End	0.3	open ditch	Semi-Urban	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	10	85
1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	no ditch	Semi-Urban	Local	5	2	8.60	Asphalt	7.6	earth/dirt	0.5	50	100	78
1248	Hedgewood Lane	Pineridge Gate	Pinedale Road	0.2	sewer & ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	40	32	94
1317	Henry Island Road	Muskoka Road N	End	0.3	open ditch	Rural	Local	6	2	6.70	Surface Treated	5.7	earth/dirt	0.5	50	70	50
1339	Heron Lane	Kilworthy Road	End	0.1	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	50	36
1009	Hewitt Street	Highway 11 N	Sprunt Lane	0.8	open ditch	Rural	Local	6	2	6.10	Asphalt	5.1	gravel	0.5	40	150	100
1010	Hewitt Street	Sprunt Lane	End	0.1	no ditch	Rural	Local	6	2	7.00	Asphalt	6	gravel	0.5	40	100	100
1011	Heywood Lane	Gravenhurst Parkway	End	0.1	open ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	10	77
1271	Hill Lane	Hill Street	End	0.0	no ditch	Rural	Local	6	1	5.50	Gravel	4.5	gravel	0.5	50	10	84
1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	526	63
1270	Hill Street	Hill Street	End	0.1	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	550	57
1229	Hoc-Roc Drive	Golf Club Road	End	0.2	open ditch	Rural	Local	6	1	5.50	Gravel	4.5	earth/dirt	0.5	50	500	85
1202	Hopkins Road	Merkley Road	End	0.5	no ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	50	250	53
1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	storm sewer	Urban	Local	5	2	11.10	Asphalt	11.1	other	0.0	50	50	71
1249	Hotchkiss Street	John Street S	Mary Street S	0.1	storm sewer	Semi-Urban	Local	5	2	12.10	Asphalt	7.3	asphalt	2.4	50	300	88
1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	storm sewer	Semi-Urban	Local	5	2	10.50	Asphalt	6.7	asphalt	1.9	50	250	77
1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	storm sewer	Semi-Urban	Local	5	2	10.50	Asphalt	6.7	asphalt	1.9	50	250	57
1252	Hotchkiss Street	Wanda Miller Road	End	0.1	storm sewer	Semi-Urban	Local	6	2	7.20	Asphalt	6.2	earth/dirt	0.5	50	200	80
1204	Hughson Street	John Street N	Mary Street N	0.1	no ditch	Semi-Urban	Local	5	2	9.40	Asphalt	8.4	asphalt	0.5	50	10	66
1225	Hughson Street	Mary Street N	Sarah Street N	0.1	storm sewer	Semi-Urban	Local	5	2	9.00	Asphalt	8	asphalt	0.5	50	10	82

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1226	Hughson Street	Sarah Street N	Bay Street	0.1	storm sewer	Semi-Urban	Local	5	2	9.00	Asphalt	8	asphalt	0.5	50	60	80
1227	Hughson Street	Bay Street	Burnett Street	0.1	storm sewer	Semi-Urban	Local	5	2	8.10	Asphalt	7.1	asphalt	0.5	50	80	93
1731	Hummingbird Lane	Kilworthy Road	End	0.1	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	600	74
2078	Hunt Club Road	Doe Lake Road	400 m E of Doe Lake Road (End/Plow Turnaround)	0.4	open ditch	Rural	Local	6	2	6.50	Gravel	5.5	gravel	0.5	40	668	89
1341	Indian Landing Road	1323 North Muldrew Lake Road	End	0.2	open ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	50	40	76
1718	Indian Landing Road	North Muldrew Lake Road	1323 North Muldrew Lake Road	0.1	open ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	50	200	71
1342	Industrial Drive	Jones Road	Progress Road	0.2	open ditch	Rural	Collector	5	2	10.50	Asphalt	7.5	earth/dirt	1.5	50	150	61
1343	Industrial Drive	Progress Road	Bethune Drive N	0.6	open ditch	Rural	Collector	5	2	9.50	Asphalt	7.5	earth/dirt	1.0	50	150	88
1134	Iroquois Avenue	Muskoka Beach Road	End	0.2	no ditch	Rural	Local	6	1	4.50	Gravel	3.5	earth/dirt	0.5	50	70	95
1135	Isaac Street	Muskoka Road N	John Street N	0.1	no ditch	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	150	100
1170	Isaac Street	John Street N	Mary Street N	0.1	no ditch	Semi-Urban	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	4300	61
1171	Isaac Street	Mary Street N	Sarah Street N	0.1	open ditch	Semi-Urban	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	4038	68
1172	Isaac Street	Sarah Street N	End	0.1	open ditch	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	300	77
1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	storm sewer	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	5278	45
1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	open ditch	Rural	Collector	4	2	8.00	Asphalt	7	earth/dirt	0.5	50	4300	49
1256	James Street	Fernwood Drive	North Muldrew Lake Road	0.3	no ditch	Rural	Collector	4	2	9.50	Asphalt	8.5	earth/dirt	0.5	50	4300	87
1319	James Street	Muskoka Road S	End	0.0	no ditch	Semi-Urban	Local	5	2	7.50	Asphalt	7.5	other	0.0	50	25	74
1320	James Street	Muskoka Road S	John Street S	0.1	storm sewer	Urban	Collector	4	2	10.00	Asphalt	10	other	0.0	50	25	90
1698	James Street	John Street S	347m W of John Street S	0.4	storm sewer	Urban	Collector	4	2	7.00	Asphalt	7	other	0.0	50	950	69
2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	open ditch	Rural	Collector	4	2	8.00	Asphalt	7	earth/dirt	0.5	50	950	49
1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	500	52
1542	Jim Wood Lane	Jim Wood Lane	End	0.5	no ditch	Rural	Local	6	2	6.00	surface treated	5	earth/dirt	0.5	50	950	74
1027	John Street N	George Street	Winewood Avenue W	0.1	no ditch	Semi-Urban	Local	5	2	8.60	Asphalt	7.6	earth/dirt	0.5	50	957	62
1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	no ditch	Rural	Collector	5	2	7.60	Asphalt	6.6	earth/dirt	0.5	50	950	65
1029	John Street N	Farquhar Street	Wagner Street	0.1	no ditch	Semi-Urban	Local	5	2	7.60	Asphalt	6.6	earth/dirt	0.5	50	950	65
1032	John Street N	Bay Street	Hughson Street	0.1	storm sewer	Urban	Collector	5	2	11.50	Asphalt	11.5	other	0.0	50	950	100
1034	John Street N	Hughson Street	Brown Street	0.1	storm sewer	Urban	Collector	5	2	11.50	Asphalt	11.5	other	0.0	50	600	100
1036	John Street N	Brown Street	Peter Street	0.1	no ditch	Semi-Urban	Collector	5	2	8.60	Asphalt	7.6	earth/dirt	0.5	50	600	100
1044	John Street N	Peter Street	Isaac Street	0.1	no ditch	Semi-Urban	Collector	5	2	8.60	Asphalt	7.6	earth/dirt	0.5	50	500	68
1046	John Street N	Isaac Street	George Street	0.1	no ditch	Semi-Urban	Local	5	2	8.60	Asphalt	7.6	earth/dirt	0.5	50	500	87
1031	John Street S	Hotchkiss Street	Bay Street	0.1	storm sewer	Urban	Collector	5	2	11.50	Asphalt	11.5	other	0.0	50	500	95
1033	John Street S	Hotchkiss Street	Sharpe Street W	0.1	storm sewer	Urban	Collector	5	2	11.60	Asphalt	11.6	other	0.0	50	50	94
1035	John Street S	Sharpe Street W	Phillip Street W	0.1	storm sewer	Urban	Local	5	2	12.00	Asphalt	12	other	0.0	50	150	93
1043	John Street S	Phillip Street W	James Street	0.1	storm sewer	Urban	Local	5	2	12.00	Asphalt	12	other	0.0	50	151	96
1045	John Street S	James Street	Ridge Road	0.1	storm sewer	Urban	Local	5	2	9.50	Asphalt	9.5	other	0.0	50	50	96

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1047	John Street S	Ridge Road	End	0.2	no ditch	Rural	Local	6	2	8.60	Asphalt	7.6	earth/dirt	0.5	50	10	63
1258	Jones Road	Progress Road	Elwell Park Road	0.2	open ditch	Rural	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	1119	68
1259	Jones Road	Elwell Park Road	Winhara Road	2.0	open ditch	Rural	Local	6	2	9.50	asphalt	7.5	gravel	1.0	50	750	95
1260	Jones Road	Winhara Road	Crawford Road	0.3	no ditch	Rural	Local	6	2	7.50	Asphalt	5.5	gravel	1.0	50	500	100
1298	Jones Road	Crawford Road	End	0.0	open ditch	Rural	Local	6	2	8.50	Asphalt	6.5	gravel	1.0	50	60	100
1543	Jones Road	Muskoka Beach Road	Industrial Drive	0.5	no ditch	Semi-Urban	Collector	5	2	9.60	Asphalt	7.6	earth/dirt	1.0	40	30	80
1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	open ditch	Rural	Collector	5	2	10.50	Asphalt	7.5	earth/dirt	1.5	50	27	57
1545	Jones Road	Forest Glen Drive	Progress Road	0.3	open ditch	Rural	Collector	5	2	10.50	Asphalt	7.5	earth/dirt	1.5	50	450	73
1130	Joseph Pl	Talbot Trail	End	0.1	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	400	72
1729	Joy Road	Kilworthy Road	170m S of Kilworthy Road	0.2	no ditch	Rural	Local	6	1	6.00	Gravel	5	gravel	0.5	50	400	62
1299	Juniper Drive	Peninsula Road	End	0.2	no ditch	Rural	Local	6	1	4.30	Surface Treated	3.3	earth/dirt	0.5	50	300	37
1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	sewer & ditch	Semi-Urban	Local	5	2	6.50	Asphalt	5.5	earth/dirt	0.5	50	300	70
1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	open ditch	Rural	Collector	5	2	10.00	Asphalt	6	earth/dirt	2.0	50	350	51
1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	open ditch	Rural	Collector	5	2	10.50	Surface Treated	6.5	earth/dirt	2.0	50	349	57
1239	Kilworthy Road	Kilworthy Road	End	2.0	open ditch	Rural	Collector	5	2	8.50	Surface Treated	6.5	earth/dirt	1.0	50	250	51
1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	open ditch	Rural	Collector	5	2	9.00	Surface Treated	7	earth/dirt	1.0	50	214	46
1498	Kilworthy Road	1604 m W of Arthur Schulz Road	Southwood Road	0.9	open ditch	Rural	Collector	6	2	7.30	Asphalt	6.1	gravel	0.6	30	110	100
1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	100	48
1531	Kilworthy Road	Southwood Road	Joy Road	0.9	open ditch	Rural	Collector	5	2.00	9.00	Surface Treated	7.5	gravel	0.8	50	80	93
1532	Kilworthy Road	Joy Road	Mccormick Road	0.6	open ditch	Rural	Collector	5	2	6.70	Surface Treated	5.7	earth/dirt	0.5	50	60	86
1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	60	58
1534	Kilworthy Road	Road 7000	Cyril Gill Drive	0.2	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	40	84
1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	30	60
1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	400	53
1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	400	59
1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	80	61
1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	220	45
1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	open ditch	Rural	Collector	5	2	11.00	Asphalt	7	earth/dirt	2.0	50	200	54
1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	open ditch	Rural	Collector	5	2	10.50	Surface Treated	6.5	earth/dirt	2.0	50	140	49
1301	Kingbrook Court	Thain Street W	End	0.1	storm sewer	Urban	Local	6	2	8.40	Asphalt	8.4	other	0.0	50	150	83
1212	Kingswood Drive	Pinegrove Street	Crescent Drive	0.2	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	150	80
1213	Kingswood Drive	Crescent Drive	Pinedale Road	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	60	88
1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	storm sewer	Rural	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	100	77
1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	open ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	100	75
1263	Knister Road	Robinson Avenue	Lakeview Avenue	0.2	no ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	200	84

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1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	50	71
1264	Lakeshore Drive	Sunshine Court	End	1.2	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	50	55
1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	no ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	175	72
1303	Langford Drive	Winhara Road	End	0.2	open ditch	Semi-Urban	Collector	5	2	11.10	Asphalt	7.3	earth/dirt	1.9	50	175	73
1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	10	79
1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	10	79
1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	10	68
1201	Laycox Road	Silver Lake Road	Doe Lake Road	0.3	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	50	80
2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	open ditch	Rural	Local	6	1	6.00	Gravel	6	gravel	0.0	50	140	45
2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	open ditch	Rural	Local	6	1	3.00	Gravel	3	earth/dirt	0.0	50	10	33
1626	Lewisham Road	Merkley Road	400 m S of Merkley Road	0.4	open ditch	Rural	Local	6	2	5.50	Gravel	4.5	gravel	0.5	50	50	79
1235	Lisa Lane	Blanchard Street W	End	0.1	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	500	90
1304	Little Norway Lane	Reay Road	End	0.5	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	500	43
1207	Loft Lane	Barkway Road	End	0.1	no ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	500	86
1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	open ditch	Semi-Urban	Local	6	2	6.50	Asphalt	5.5	earth/dirt	0.5	50	20	61
1136	Lofty Pines Drive	Lofty Pines Crescent	Muskoka Beach Road	0.1	sewer & ditch	Urban	Collector	5	2	7.30	Asphalt	7.3	other	0.0	50	359	88
1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	storm sewer	Urban	Collector	5	2	7.30	Asphalt	7.3	other	0.0	50	150	77
1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	storm sewer	Urban	Collector	5	2	7.30	Asphalt	7.3	other	0.0	50	50	76
1650	Long Point Drive	Balfour Woods Road	End	0.3	open ditch	Rural	Local	6	2	8.00	Surface Treated	6	earth/dirt	1.0	50	50	89
1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	713	65
1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	600	65
1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	550	76
1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	300	62
1326	Lorne Street	Wagner Street	Islander Drive	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	220	60
1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	no ditch	Semi-Urban	Local	5	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	100	63
1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	storm sewer	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	90	51
1329	Lorne Street	Austin Street	Louise Street	0.1	no ditch	Semi-Urban	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	200	64
1330	Lorne Street	Louise Street	Gateway Drive	0.2	open ditch	Semi-Urban	Local	5	2	7.20	Surface Treated	6.2	earth/dirt	0.5	50	200	65
1331	Lorne Street	Gateway Drive	End	0.1	sewer & ditch	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	40	65
1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	open ditch	Rural	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	400	78
1332	Louise Street	Wagner Street	Fraser Street	0.1	storm sewer	Semi-Urban	Collector	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	400	85
1333	Louise Street	Fraser Street	Lorne Street	0.1	storm sewer	Semi-Urban	Collector	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	30	90
1334	Luigi Road	Highway 11 N	Sedore Road	2.1	open ditch	Rural	Local	6	2	10.00	Gravel	7	gravel	1.5	50	250	88
1154	Main Street	Muskoka Road S	First Street S	0.1	no ditch	Rural	Local	5	2	10.00	Asphalt	7	earth/dirt	1.5	50	200	61
1254	Main Street	First Street S	Bethune Drive S	0.1	open ditch	Rural	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	200	67
1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	open ditch	Rural	Local	6	2	8.00	Surface Treated	7	earth/dirt	0.5	50	200	53

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1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	open ditch	Rural	Collector	5	2	10.00	Asphalt	8	asphalt	1.0	50	250	74
1131	Maple Heights Drive	Maple Heights Road	End	0.3	storm sewer	Urban	Collector	5	2	7.50	Asphalt	7.5	other	0.0	50	250	85
1132	Maple Heights Drive	Maple Heights Road	End	0.1	storm sewer	Urban	Collector	5	2	7.50	Asphalt	7.5	other	0.0	50	20	89
1133	Maple Heights Road	Muskoka Beach Road	Maple Heights Drive	0.1	storm sewer	Urban	Collector	5	2	7.50	Asphalt	7.5	other	0.0	50	200	82
1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	165	79
1309	Margaret Street	George Beard Lane	Clarence Street	0.1	storm sewer	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	150	82
1348	Marshall Drive	Sniders Bay Road	End	0.4	no ditch	Rural	Local	6	1	4.00	Gravel	3	gravel	0.5	40	150	84
1275	Mary Street N	Bay Street	Hughson Street	0.1	no ditch	Semi-Urban	Local	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	150	77
1277	Mary Street N	Hughson Street	Brown Street	0.1	storm sewer	Urban	Local	6	2	7.00	Asphalt	7	other	0.0	50	150	82
1278	Mary Street N	Brown Street	Peter Street	0.1	storm sewer	Urban	Local	6	2	6.50	Asphalt	6.5	other	0.0	50	150	95
1279	Mary Street N	Peter Street	Isaac Street	0.1	storm sewer	Urban	Local	6	2	6.50	Asphalt	6.5	other	0.0	50	150	95
1280	Mary Street N	Isaac Street	George Street	0.1	storm sewer	Urban	Local	6	2	6.50	Asphalt	6.5	other	0.0	50	500	87
1281	Mary Street N	George Street	Winewood Avenue W	0.1	storm sewer	Urban	Local	6	2	6.50	Asphalt	6.5	other	0.0	50	600	87
1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	no ditch	Semi-Urban	Local	6	2	7.30	Asphalt	6.3	earth/dirt	0.5	50	20	62
1283	Mary Street N	Farquhar Street	Wagner Street	0.1	no ditch	Semi-Urban	Local	6	2	7.30	Asphalt	6.3	earth/dirt	0.5	50	10	66
1276	Mary Street S	Hotchkiss Street	Sharpe Street W	0.1	no ditch	Semi-Urban	Local	5	2	12.00	Asphalt	8.2	earth/dirt	1.9	50	10	87
1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	55	79
1284	Matts Road	Muskoka Beach Road	End	0.3	no ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	50	20	76
1006	Mcaulay Road	Benzinger Road	Fire Route 11C	0.2	no ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	40	86
1220	Mcaulay Road	Fire Route 11C	Fire Route 11D	0.1	no ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	12	74
1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	open ditch	Rural	Local	6	1	5.00	Surface Treated	4	earth/dirt	0.5	50	50	45
2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	no ditch	Rural	Local	6	1	4.00	gravel	3	gravel	0.5	50	5	53
1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	open ditch	Rural	Local	6	1	4.00	gravel	3	gravel	0.5	50	250	53
1730	McDonald Road	Sophers Landing Road	150 m W of Sophers Landing Road	0.2	open ditch	Rural	Local	6	1	4.50	Gravel	3.5	gravel	0.5	50	250	88
1189	McKenzie Street	Catherine Street W	Palmer Drive	0.2	storm sewer	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	300	87
1285	Mcneice Laneway	Brown Street	End	0.1	no ditch	Semi-Urban	Local	6	1	4.00	Gravel	4	other	0.0	50	300	67
1286	McPherson Street	Readman Street	End	0.0	sewer & ditch	Rural	Collector	5	2	7.90	Asphalt	6.1	earth/dirt	0.9	50	124	69
1287	McPherson Street	Readman Street	Private Street	0.1	sewer & ditch	Rural	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	90	79
1363	McPherson Street	Private Street	Bakery Lane	0.1	open ditch	Rural	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	71
1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	no ditch	Rural	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	68
1148	Merkley Road	Barkway Road	Fire Route A1	1.6	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	20	45
1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	50	44
1150	Merkley Road	770m E of Hopkins Road	Lewisham Road	0.7	open ditch	Rural	Local	6	2	7.00	Gravel	6	earth/dirt	0.5	50	80	73
1697	Merkley Road	Hopkins Road	770m E of Hopkins Road	0.8	open ditch	Rural	Local	6	2	7.00	Asphalt	6	gravel	0.5	50	80	100
1191	Mitchell Road	Highway 11 N (1st Intersection)	643m N of Highway 11 N (1st Intersection)	0.6	open ditch	Rural	Local	6	2	6.10	Gravel	5.1	gravel	0.5	40	40	71

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1190	Moody Drive	Bethune Drive N	End	0.1	no ditch	Semi-Urban	Local	6	2	9.50	Asphalt	8.5	asphalt	0.5	50	300	80
1186	Muriel Crescent	Sniders Bay Road	Booth Lane	1.4	open ditch	Rural	Local	6	2	7.00	Gravel	6	earth/dirt	0.5	50	210	95
1187	Muriel Crescent	Booth Lane	1166 Muriel Crescent	0.2	no ditch	Rural	Local	6	2	5.50	Gravel	4.5	earth/dirt	0.5	50	40	79
1188	Muriel Crescent	1166 Muriel Crescent	End	0.2	no ditch	Rural	Local	6	1	5.50	Gravel	4.5	earth/dirt	0.5	50	310	79
1655	Muskoka Bay Boulevard	North Muldrew Lake Road	Westwind Court	0.2	storm sewer	Urban	Collector	5	2	9.00	Asphalt	9	other	0.0	50	310	100
1656	Muskoka Bay Boulevard	Westwind Court	Baypoint Court	0.1	storm sewer	Urban	Collector	5	2	9.00	Asphalt	9	other	0.0	50	160	95
1657	Muskoka Bay Boulevard	Baypoint Court	End	0.1	storm sewer	Urban	Local	6	2	9.00	Asphalt	9	other	0.0	50	160	95
1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	open ditch	Semi-Urban	Collector	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	160	78
1413	Musquash Road	Revell Street	467m W of Revell Street	0.5	no ditch	Semi-Urban	Collector	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	310	82
1414	Musquash Road	Loon Lake Road	Private Street	0.4	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	160	78
1415	Musquash Road	Private Street	Pearl Drive	0.1	open ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	415	90
1416	Musquash Road	240m NW of Pearl Drive	Muskoka Road 169	0.4	open ditch	Rural	Local	6	2	6.00	Asphalt	5	earth/dirt	0.5	50	400	89
1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	210	52
1702	Musquash Road	Pearl Drive	240m NW of Pearl Drive	0.2	open ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	150	78
1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	no ditch	Rural	Collector	5	2	8.50	Surface Treated	7.5	earth/dirt	0.5	50	150	68
1345	Narrows Road	Bear Bay Road	South Sunset Bay Road	0.3	open ditch	Rural	Collector	5	2	8.50	Surface Treated	7.5	earth/dirt	0.5	50	50	82
1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	no ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	300	65
1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	10	66
1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	30	70
1690	Narrows Road	675m SE of Lawland Heights Road	End	0.4	no ditch	Rural	Local	6	2	7.00	Gravel	6	earth/dirt	0.5	50	850	68
1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	storm sewer	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	820	76
1353	Nesbitt Road	Sophers Landing Road	End	0.3	open ditch	Rural	Local	6	1	6.00	Gravel	5	gravel	0.5	50	500	85
1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	no ditch	Rural	Local	6	1	4.00	Gravel	3	gravel	0.5	50	455	51
1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	no ditch	Rural	Collector	5	2	7.50	surface treated	6.5	earth/dirt	0.5	50	360	53
1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	open ditch	Rural	Collector	5	2	8.00	Surface Treated	7	earth/dirt	0.5	50	340	65
1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	open ditch	Rural	Collector	5	2	8.00	Surface Treated	7	earth/dirt	0.5	50	455	50
1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	no ditch	Rural	Collector	5	2	8.00	Surface Treated	6	earth/dirt	1.0	50	148	35
1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	open ditch	Rural	Collector	6	2	8.00	Surface Treated	6	earth/dirt	1.0	40	1500	75
1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	no ditch	Rural	Collector	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	3980	49
1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	sewer & ditch	Rural	Collector	5	2	8.00	surface treated	6	earth/dirt	1.0	50	1500	77
1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	750	37
1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	open ditch	Rural	Collector	4	2	8.60	Asphalt	7	earth/dirt	0.8	50	3985	61
1288	North Muldrew Lake Road	Blueberry Lane	James Street	0.0	storm sewer	Urban	Collector	4	2	8.00	Asphalt	8	other	0.0	50	534	100
1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	open ditch	Rural	Collector	4	2	8.00	Asphalt	7	earth/dirt	0.5	50	450	52
1290	North Muldrew Lake Road	Ritchie Avenue	Peninsula Road	0.3	open ditch	Rural	Collector	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	150	93
1362	North Muldrew Lake Road	Bay Street	Blueberry Lane	0.1	storm sewer	Urban	Collector	4	2	8.00	Asphalt	8	other	0.0	50	1800	94

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1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	150	53
1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	190	53
1419	North Muldrew Lake Road	Pinetree Road	Whippoorwill Road	0.7	open ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	534	61
1665	North Muldrew Lake Road	James Street	Muskoka Bay Boulevard	0.3	storm sewer	Urban	Collector	4	2	8.00	Asphalt	8	other	0.0	50	20	89
1704	North Muldrew Lake Road	Whippoorwill Road	900m SW of Whippoorwill Road	0.9	no ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	180	68
1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	180	50
2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	30	64
1735	North Muldrew Lake Road	200m South of Carrick Trail	Ritchie Avenue	0.7	open ditch	Rural	collector	4	2	8.00	asphalt	7	earth/dirt	0.5	50	100	90
1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	no ditch	Rural	Local	6	1	5.30	surface treated	4.3	earth/dirt	0.5	50	613	72
1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	open ditch	Semi-Urban	Local	6	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	35	72
1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	open ditch	Semi-Urban	Local	6	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	8	79
1347	North Sunset Bay Road	Narrows Road	End	0.8	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	40	50	59
1192	Oakwood Drive	Muskoka Beach Road	End	0.2	storm sewer	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	150	89
1468	Old Muskoka Road	Muskoka Road N	Muskoka Beach Road	0.3	storm sewer	Urban	Collector	5	2	7.00	Asphalt	7	other	0.0	50	101	86
1272	Old Portage Road	Brydons Bay Road	End	0.6	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	40	61
1273	Old Stone Road	Southwood Road	200 m E of Southwood Road	0.2	open ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	50	76
1012	Oneida Avenue	Muskoka Beach Road	End	0.1	open ditch	Rural	Local	6	1	4.50	Gravel	3.5	earth/dirt	0.5	50	150	87
1193	Oriole Crescent	Islander Drive	End	0.2	storm sewer	Semi-Urban	Local	6	2	9.00	Asphalt	8	earth/dirt	0.5	50	150	59
1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	storm sewer	Semi-Urban	Local	6	2	9.00	Asphalt	8	earth/dirt	0.5	50	100	58
1228	Osprey Drive	Loon Lake Road-N4	Merganser Lane	0.5	open ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	40	84
1664	Osprey Drive	Merganser Lane	Turtle Lake Road	0.0	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	150	80
1470	Palmer Drive	Muskoka Beach Road	Alexander Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	100	90
1471	Palmer Drive	Alexander Street	Douglas Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	386	89
1472	Palmer Drive	Douglas Street	Mckenzie Street	0.2	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	300	80
1473	Palmer Drive	Mckenzie Street	End	0.1	storm sewer	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	250	90
1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	no ditch	Semi-Urban	Local	6	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	200	79
1194	Parkers Point Road	Eppy Lane	End	0.6	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	150	72
1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	150	70
1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	30	69
1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	20	70
1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	30	74
1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	50	77
1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	127	74
1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	no ditch	Rural	Local	6	2	6.00	Asphalt	5	earth/dirt	0.5	50	25	55
1196	Parkholme Road	Road 5400	End	0.3	no ditch	Rural	Local	6	2	4.00	Gravel	3	earth/dirt	0.5	50	100	48

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Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1682	Pasture Lane	Graham Road	End	0.5	open ditch	Rural	Local	6	2	7.50	surface treated	6.5	earth/dirt	0.5	50	100	84
1457	Pearl Drive	Musquash Road	End	0.1	no ditch	Rural	Local	6	5	7.00	Gravel	6	earth/dirt	0.5	50	150	95
1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	240	45
1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	240	79
1221	Peninsula Road	254m S of Juniper Drive (Fork 2)	Deepwater Drive	1.1	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	200	77
1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	150	67
1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	150	73
2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	open ditch	Rural	Collector	5	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	700	48
1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	open ditch	Rural	Collector	5	2	8.00	Surface Treated	7	earth/dirt	0.5	50	700	76
1556	Peter Street	Muskoka Road N	John Street N	0.1	storm sewer	Semi-Urban	Local	5	2	10.90	Asphalt	7.9	earth/dirt	1.5	50	269	81
1557	Peter Street	John Street N	Mary Street N	0.1	storm sewer	Semi-Urban	Local	6	2	8.60	Asphalt	8.6	other	0.0	50	270	79
1558	Peter Street	Mary Street N	Sarah Street N	0.1	storm sewer	Semi-Urban	Local	6	2	7.70	Asphalt	6.7	earth/dirt	0.5	50	270	57
1389	Phillip Street E	Muskoka Road S	First Street S	0.1	storm sewer	Semi-Urban	Local	5	2	7.00	Asphalt	7	other	0.0	50	30	82
1391	Phillip Street E	First Street S	Bethune Drive S	0.1	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	500	86
1392	Phillip Street E	Bethune Drive S	Third Street	0.1	storm sewer	Urban	Local	5	2	6.40	Asphalt	6.4	other	0.0	50	30	81
1393	Phillip Street E	Third Street	Fourth Street	0.1	storm sewer	Urban	Local	5	2	6.40	Asphalt	6.4	other	0.0	50	30	82
1394	Phillip Street E	Fourth Street	Sixth Street	0.1	storm sewer	Urban	Local	5	2	6.40	Asphalt	6.4	other	0.0	50	30	67
1395	Phillip Street E	Sixth Street	End	0.0	storm sewer	Semi-Urban	Local	6	1	4.00	Asphalt	4	earth/dirt	0.0	50	80	88
1390	Phillip Street W	Muskoka Road S	John Street S	0.1	storm sewer	Urban	Local	5	2	9.50	Asphalt	9.5	other	0.0	50	80	86
1386	Picard Lane	252m W of Picard Lane (Ramp To Highway 11)	North Xavier Street	0.3	open ditch	Rural	Local	6	2	6.00	Gravel	5	gravel	0.5	40	5	80
1712	Picard Lane	North Xavier Street	End	0.1	open ditch	Rural	Local	6	1	6.50	Gravel	5.5	gravel	0.5	50	400	74
1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	no ditch	Rural	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	200	63
1382	Pine Lake Road	Muskoka Road 169	Road 1000	0.3	open ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	200	70
1381	Pine Street	Muskoka Beach Road	175m W of Muskoka Beach Road	0.2	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	6	earth/dirt	1.0	50	250	86
1720	Pine Street	175m W of Muskoka Beach Road	End	0.1	storm sewer	Urban	Local	6	2	8.00	Asphalt	8	other	0.0	50	350	100
1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	no ditch	Rural	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	1100	80
1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	gravel	0.5	50	1078	58
1692	Pinedale Lane	160m of Arnes Drive	End	0.1	no ditch	Rural	Local	5	2	6.00	Gravel	5	gravel	0.5	50	850	51
1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	no ditch	Rural	Local	5	2	6.70	Asphalt	5.7	earth/dirt	0.5	50	800	53
1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	open ditch	Rural	Local	5	2	6.70	Surface Treated	5.7	earth/dirt	0.5	50	800	53
1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	no ditch	Semi-Urban	Local	4	2	11.70	Asphalt	7.3	earth/dirt	2.2	50	400	76
1463	Pinedale Road	Kelly Drive	Third Street	0.1	storm sewer	Semi-Urban	Local	4	2	11.70	Asphalt	7.3	earth/dirt	2.2	50	350	84
1464	Pinedale Road	Third Street	Pinegrove Street	0.1	storm sewer	Semi-Urban	Local	5	2	11.70	Asphalt	7.3	earth/dirt	2.2	50	253	75
1465	Pinedale Road	Pinegrove Street	Rayner Street	0.0	storm sewer	Semi-Urban	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	250	90

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1466	Pinedale Road	Rayner Street	Pinedale Lane	0.3	open ditch	Semi-Urban	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	250	87
1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	open ditch	Semi-Urban	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	250	50
1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	open ditch	Rural	Local	5	2	6.70	Surface Treated	5.7	earth/dirt	0.5	50	250	56
1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	open ditch	Semi-Urban	Local	5	2	6.70	Asphalt	5.7	earth/dirt	0.5	50	500	72
1292	Pinegrove Street	Pinedale Road	Crescent Drive	0.1	storm sewer	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	500	93
1293	Pinegrove Street	Crescent Drive	Kingswood Drive	0.2	no ditch	Semi-Urban	Collector	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	500	94
1294	Pinegrove Street	Kingswood Drive	Park Lane	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	300	95
1295	Pinegrove Street	Park Lane	Fairview Drive	0.1	no ditch	Semi-Urban	Local	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	500	86
1185	Pineridge Gate	Woodmans Chart	Springwood Crescent	0.2	open ditch	Semi-Urban	Local	5	2	9.50	Asphalt	8.5	earth/dirt	0.5	40	1000	87
1205	Pineridge Gate	Red Maple Court	Hedgewood Lane	0.1	storm sewer	Urban	Local	5	2	8.00	Asphalt	8	other	0.0	50	3000	91
1206	Pineridge Gate	Pineridge Gate	End	0.1	storm sewer	Urban	Local	5	2	7.90	Asphalt	7.9	other	0.0	50	3240	90
1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	open ditch	Semi-Urban	Local	6	2	9.50	Asphalt	8.5	earth/dirt	0.5	40	500	78
1268	Pineridge Gate	Springwood Crescent	Pineridge Gate	0.2	storm sewer	Urban	Local	5	2	7.90	Asphalt	7.9	other	0.0	50	500	93
1338	Pineridge Gate	Hahne Drive	Fairview Drive	0.1	open ditch	Semi-Urban	Collector	4	2	9.00	Asphalt	7	earth/dirt	1.0	50	700	89
1373	Pineridge Gate	Kelly Drive	Hahne Drive	0.1	open ditch	Semi-Urban	Collector	4	2.00	12.50	Asphalt	7.5	earth/dirt	2.5	50	150	89
1374	Pineridge Gate	Bethune Drive S	Kelly Drive	0.0	open ditch	Semi-Urban	Collector	4	2	10.50	Asphalt	8.5	earth/dirt	1.0	50	100	94
1375	Pineridge Gate	Hedgewood Lane	Woodmans Chart	0.1	open ditch	Semi-Urban	Local	5	2	9.50	Asphalt	8.5	earth/dirt	0.5	40	20	97
1376	Pineridge Gate	Woodmans Chart	Woodmans Chart 160m W of Springwood Crescent	0.2	open ditch	Rural	Local	5	2	9.50	Asphalt	8.5	earth/dirt	0.5	40	150	83
1571	Pineridge Gate	Fairview Drive	Hedgewood Lane	0.2	open ditch	Semi-Urban	Collector	5	2	10.50	Asphalt	8.5	earth/dirt	1.0	40	200	80
1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	100	58
1297	Pinetree Road-S1	Pinetree Road	1658m NW of Pinetree Road	1.7	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	20	100
1699	Pinetree Road-S1	1658m NW of Pinetree Road	End	0.5	no ditch	Rural	Local	6	1	6.00	Gravel	5	earth/dirt	0.5	50	50	85
15	Post Office Road	Kilworthy Road	100m S of Kilworthy Road	0.3	open ditch	Rural	Local	6	2	8.10	Surface Treated	7.1	earth/dirt	0.5	50	100	100
1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	storm sewer	Semi-Urban	Collector	5	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	300	75
1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	no ditch	Semi-Urban	Local	6	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	250	63
1474	Priaulx Road	Highway 11 S	End	0.1	no ditch	Rural	Local	6	2	7.00	Gravel	6	gravel	0.5	50	250	60
1475	Private Street	Mcperson Street	End	0.1	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	250	60
1476	Private Street	Mcperson Street	Musquash Road	0.2	storm sewer	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	100	72
1477	Progress Road	Industrial Drive	Jones Road	0.5	open ditch	Rural	Collector	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	100	49
1013	Rainbow Cl	Highway 11 S	Sparrow Lake Route D	0.4	open ditch	Rural	Collector	6	2	11.00	Asphalt	8	gravel	1.5	40	332	95
1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	open ditch	Rural	Collector	6	2	11.60	Asphalt	7.2	earth/dirt	2.2	40	120	69
1014	Rainbow Cl (Over Pass)	Highway 11 N	Highway 11 S	0.0	other	Rural	Collector	5	2	11.60	Asphalt	7.2	asphalt	2.2	50	120	100
1230	Rayner Street	David Street	Pinedale Road	0.1	no ditch	Semi-Urban	Local	6	2	10.00	Asphalt	7	earth/dirt	1.5	50	300	67
1231	Readman Street	Muskoka Road 169	Mcperson Street	0.1	open ditch	Rural	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	75	83
1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	open ditch	Rural	Collector	5	2	6.50	Asphalt	5.5	earth/dirt	0.5	50	30	42

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1233	Reay Road	Little Norway Lane	Elzner Road	2.5	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	4	43
1234	Reay Road	Elzner Road	End	1.0	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	10	34
1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	open ditch	Rural	Collector	5	2	6.50	Asphalt	5.5	earth/dirt	0.5	50	150	69
1384	Red Maple Court	Pineridge Gate	End	0.1	storm sewer	Urban	Local	6	2	7.90	Asphalt	7.9	other	0.0	50	50	100
1478	Redwing Drive-N3	Loon Lake Road	1250 m SE of Loon Lake Road	1.3	open ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	50	200	63
1385	Reg Schell Road	1029 Reg Schell Road	End	0.7	open ditch	Rural	Local	6	2	7.00	Asphalt	6	gravel	0.5	50	168	100
1687	Reg Schell Road	Southwood Road	1029 Reg Schell Road	0.3	open ditch	Rural	Local	6	2	7.00	Asphalt	6	gravel	0.5	50	150	100
1479	Revell Street	Musquash Road	Dungey Street	0.2	open ditch	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	80	81
1480	Revell Street	Dungey Street	End	0.2	open ditch	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	51
1155	Ridge Road	John Street S	285 Ridge Road	0.2	storm sewer	Urban	Local	5	2	9.00	Asphalt	9	other	0.0	50	20	95
1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	open ditch	Rural	Local	5	2	8.00	surface treated	7	gravel	0.5	60	10	43
1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	open ditch	Rural	Local	5	2	6.00	Surface Treated	5	earth/dirt	0.5	60	10	39
1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	no ditch	Rural	Local	5	2	6.00	Surface Treated	5	earth/dirt	0.5	60	80	54
1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	no ditch	Rural	Local	5	2	6.00	Surface Treated	5	earth/dirt	0.5	60	100	40
1696	Riley Lake Road	351m E of Fire Route 6D	End	0.2	open ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	60	600	74
1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	60	200	53
1492	Road 7000	Kilworthy Road	End	0.3	no ditch	Rural	Local	6	1	5.00	Gravel	4	earth/dirt	0.5	50	10	47
1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	no ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	12	72
1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	open ditch	Rural	Local	6	2	6.10	Surface Treated	5.1	earth/dirt	0.5	40	25	54
1495	Royal Street	Muskoka Road S	First Street S	0.1	storm sewer	Urban	Local	5	2	12.20	Asphalt	12.2	other	0.0	50	100	79
1496	Royal Street	First Street S	Second Street S	0.1	storm sewer	Urban	Local	5	2	10.10	Asphalt	10.1	other	0.0	50	100	68
1546	Ruttans Road E	Houseys Rapids Road	End	0.6	no ditch	Rural	Local	6	1	5.50	Gravel	4.5	gravel	0.5	50	73	60
1547	Ruttans Road W	Houseys Rapids Road	1000m W of Houseys Rapids Road	1.0	no ditch	Rural	Local	6	2	6.50	Gravel	5.5	gravel	0.5	50	25	79
1666	Ruttans Road W	1100 W of Houseys Rapids Road	End	0.7	open ditch	Rural	Local	6	1.00	4.50	Gravel	4	gravel	0.3	50	900	67
1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	open ditch	Rural	Local	6	1.00	4.50	Gravel	4	gravel	0.3	50	900	47
1548	Sabre Lane	Gravenhurst Parkway	End	0.2	no ditch	Rural	Local	6	2	8.20	Asphalt	6.2	earth/dirt	1.0	50	997	83
1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	850	70
1501	Sam Cook Road	Fire Route 20C	Bell Road	0.9	open ditch	Rural	Local	6	2	6.50	Gravel	5.5	earth/dirt	0.5	40	800	78
1502	Sam Cook Road	Bell Road	Fire Route 20G	0.7	open ditch	Rural	Local	6	2	5.00	Gravel	4	earth/dirt	0.5	40	800	81
1444	Sarah Street N	Bay Street	Hughson Street	0.1	storm sewer	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	800	76
1445	Sarah Street N	Hughson Street	Brown Street	0.1	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	750	81
1446	Sarah Street N	Brown Street	Peter Street	0.1	storm sewer	Urban	Local	5	2	7.40	Asphalt	7.4	other	0.0	50	500	70
1447	Sarah Street N	Peter Street	Isaac Street	0.1	storm sewer	Urban	Local	5	2	7.40	Asphalt	7.4	other	0.0	50	500	84
1448	Sarah Street N	Isaac Street	George Street	0.1	storm sewer	Urban	Local	5	2	7.40	Asphalt	7.4	other	0.0	50	200	80
1449	Sarah Street N	George Street	Winewood Avenue W	0.1	storm sewer	Urban	Local	5	2	7.40	Asphalt	7.4	other	0.0	50	200	66

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1450	Sarah Street N	Winewood Avenue W	Farquhar Street	0.1	storm sewer	Semi-Urban	Collector	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	200	96
1451	Sarah Street N	Farquhar Street	Wagner Street	0.1	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	100	94
1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	storm sewer	Urban	Local	5	2	7.30	Asphalt	7.3	other	0.0	50	200	76
1426	Second Street S	Brock Street	Royal Street	0.1	storm sewer	Urban	Local	5	2	17.30	Asphalt	17.3	other	0.0	50	55	66
1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	open ditch	Rural	Collector	5	2	10.00	Asphalt	7	earth/dirt	1.5	50	400	59
1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	open ditch	Rural	Collector	5	2	9.50	Asphalt	6.5	earth/dirt	1.5	50	200	78
1372	Sedore Road	Ure Road	Beiers Road	1.8	open ditch	Rural	Collector	5	2	8.50	Asphalt	6.5	earth/dirt	1.0	50	200	71
1428	Sedore Road	Highway 11 N	Luigi Road	0.1	open ditch	Rural	Local	6	2	11.00	Asphalt	7	earth/dirt	2.0	50	55	65
1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	no ditch	Rural	Collector	5	2	10.00	Asphalt	7	earth/dirt	1.5	50	55	74
1625	Sedore Road (overpass)	Sedore Road	Sedora Road	0.1	other	Rural	collector	5	2	11.50	asphalt	7.5	asphalt	2.0	50	20	89
1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	80	49
1337	Segwun Boulevard	Lorne Street	Oriole Crescent	0.1	storm sewer	Semi-Urban	Collector	5	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	55	96
1667	Segwun Boulevard	Oriole Crescent	Waome Lane (future road)	0.4	storm sewer	Semi-Urban	Local	5	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	150	87
1668	Segwun Boulevard	Waome Lane (future road)	End	0.1	storm sewer	Semi-Urban	Local	5	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	150	87
1305	Severn River Road	Southwood Road	East Severn River Road	0.5	open ditch	Rural	Local	6	2	8.00	Surface Treated	6	earth/dirt	1.0	40	600	80
1306	Severn River Road	East Severn River Road	End	0.8	no ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	50	50	61
1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	open ditch	Rural	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	500	62
1307	Shady Lane	Muskoka Road 169	Road 6000	0.1	no ditch	Rural	Local	6	2	8.00	Surface Treated	7	earth/dirt	0.5	30	711	86
1429	Shady Lane	Road 6000	Silver Birch Road	0.9	open ditch	Rural	Local	6	2	6.30	Surface Treated	5.3	earth/dirt	0.5	30	10	40
1325	Shamrock Marina Road	Renee Drive	End	0.4	open ditch	Rural	Local	6	2	7.00	Asphalt	6	gravel	0.5	40	40	100
1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	40	53
1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	storm sewer	Urban	Local	5	2	12.60	Asphalt	12.6	other	0.0	50	50	76
1564	Sharpe Street E	First Street S	End	0.0	no ditch	Semi-Urban	Local	6	2	18.30	Asphalt	6.1	asphalt	6.1	50	175	86
1179	Sharpe Street W	John Street S	Mary Street S	0.1	no ditch	Semi-Urban	Local	5	2	12.00	Asphalt	8.2	earth/dirt	1.9	50	150	87
1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	storm sewer	Urban	Local	5	2	12.60	Asphalt	12.6	other	0.0	50	50	69
1565	Shoreline Drive	Sniders Bay Road	End	0.6	no ditch	Rural	Local	6	1	3.50	Gravel	2.5	earth/dirt	0.5	40	15	81
1387	Silver Birch Road	Damin Road	Pudden Road	0.2	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	30	15	74
1388	Silver Birch Road	Pudder Road	End	0.2	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	30	30	58
1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	30	100	76
1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	50	44
1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	30	49
1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	20	64
1441	Silver Lake Road	Road 1400	186m Loop to Road 1400	0.2	open ditch	Rural	Local	6	2	6.00	Gravel	5	earth/dirt	0.5	50	124	71
1442	Silver Lake Road	Road 1400	100m Northwest (bottom of hill)	0.1	no ditch	Rural	Local	6	1.00	4.50	Gravel	4	earth/dirt	0.3	50	40	88
1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	open ditch	Rural	Local	6	1.00	4.50	surface treated	4	earth/dirt	0.3	50	140	38

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Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1741	Silver Lake Road	200m NW of Road 1400 (Top of Hill)	End	1.0	open ditch	Rural	Local	6	1.00	4.50	gravel	4	gravel	0.3	50	130	74
1566	Simpson Road	Bethune Drive N	End	0.5	open ditch	Rural	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	40	162	59
1568	Sixth Street	Phillip Street E	David Street	0.3	no ditch	Semi-Urban	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	150	59
1569	Sixth Street	David Street	End	0.3	no ditch	Rural	Local	6	2	6.70	Asphalt	5.7	earth/dirt	0.5	50	150	65
1422	Smith Road	Southwood Road	Rattlesnake Road	0.1	open ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	80	76
1423	Smith Road	Rattlesnake Road	End	0.1	open ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	80	91
1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	250	42
1482	Sniders Bay Road	Sniders Bay Road	End	0.5	open ditch	Rural	Local	6	2	5.00	Surface Treated	4	earth/dirt	0.5	50	250	49
1673	Sniders Bay Road	Muskoka Road 169	1017 Sniders Bay Road	0.2	open ditch	Rural	Local	6	2	6.00	Asphalt	5	earth/dirt	0.5	50	200	100
1676	Sniders Bay Road	1017 Sniders Bay Road	1037 Sniders Bay Road	0.2	open ditch	Rural	Local	6	2	6.00	Asphalt	5	earth/dirt	0.5	50	200	100
1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	221	61
1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	150	70
1399	Sophers Landing Road	Sophers Landing Road	End	0.4	open ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	450	58
1452	South Bay Road	South Kahshe Lake Road	591m N of South Kahshe Lake Road	0.6	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	40	405	88
2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	no ditch	Rural	Local	6	1	4.00	gravel	3	gravel	0.5	40	290	54
1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	open ditch	Rural	Collector	5	2	11.00	Asphalt	7	earth/dirt	2.0	50	230	68
1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	1.0	open ditch	Rural	Collector	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	40	210	64
1663	South Kahshe Lake Road	1187 S Kahshe Lake Road	844m NE of 1187 S Kahshe Lake Road	0.8	no ditch	Rural	Collector	6	2	7.00	Gravel	6	gravel	0.5	40	150	78
1675	South Kahshe Lake Road	200 m E of South Bay Road	1187 S Kahshe Lake Road	0.7	open ditch	Rural	Collector	6	2	7.00	Gravel	6	gravel	0.5	40	150	89
1705	South Kahshe Lake Road	South Bay Road	S297m E of South Bay Road	0.2	no ditch	Rural	Collector	6	2	7.00	Asphalt	6	earth/dirt	0.5	40	150	80
1405	South Morrison Lake Road	Lorenz Road	End	0.3	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	150	69
1456	South Morrison Lake Road	Southwood Road	Evanswood Drive	0.4	open ditch	Rural	Collector	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	40	80
1575	South Morrison Lake Road	Evanswood Drive	Green Place Road	0.6	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	gravel	0.5	50	12	100
1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	165	62
1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	open ditch	Rural	Collector	5	2	7.00	Surface Treated	6	earth/dirt	0.5	50	20	61
1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	open ditch	Rural	Collector	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	150	71
1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	200	74
1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	514	53
1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	open ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	200	60
1407	South Muldrew Lake Road	Road 2000	End	0.2	no ditch	Rural	Local	6	1	3.50	Gravel	3.5	gravel	0.0	50	200	68
1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	no ditch	Rural	Local	6	1	4.50	Gravel	3.5	gravel	0.5	50	300	56
1733	South Muldrew Lake Road	853m N of Southwood Road	1144 South Muldrew Lake Road	0.4	no ditch	Rural	Local	6	1	4.50	Gravel	3.5	gravel	0.5	50	300	66
1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	open ditch	Rural	Local	6	2	5.50	Surface Treated	4.5	earth/dirt	0.5	40	1772	73
1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	no ditch	Rural	Local	6	2	6.50	Surface Treated	5.5	earth/dirt	0.5	50	400	53

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1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	no ditch	Rural	Local	6	2	5.50	Surface Treated	4.3	earth/dirt	0.6	50	10	66
1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	open ditch	Rural	Collector	5	2	9.00	Asphalt	6.6	earth/dirt	1.2	50	150	67
1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	open ditch	Rural	Collector	4	2	9.00	Asphalt	6.6	earth/dirt	1.2	60	60	67
1585	Sparrow Lake Route D	Elderberry Lane	Sparrow Lake Route D	1.0	open ditch	Rural	Collector	5	2	8.00	Surface Treated	7	gravel	0.5	60	200	89
1586	Sparrow Lake Route D	Southwood Road	Elderberry Lane	1.8	open ditch	Rural	Collector	5	2	8.00	Surface Treated	7	gravel	0.5	60	100	89
1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	open ditch	Rural	Collector	5	2	9.00	Asphalt	6.6	earth/dirt	1.2	50	10	61
1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	open ditch	Semi-Urban	Local	5	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	100	78
1651	Steamship Bay Road	Bay Street	Wharf Road	0.3	storm sewer	Urban	Collector	4	2	8.10	Asphalt	8.1	other	0.0	50	60	94
1670	Steamship Bay Road	Wharf Road	Muskoka Road 169	0.2	storm sewer	Urban	Collector	5	2	8.10	Asphalt	8.1	other	0.0	50	50	94
1587	Stevenson Road	Southwood Road	End	0.0	no ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	100	86
1455	Stonehedge Close	Hedgewood Lane	End	0.2	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	100	84
1497	Sunny Lake Road	Silver Lake Road	End	1.3	open ditch	Rural	Local	6	2	5.50	Gravel	4.5	earth/dirt	0.5	50	2500	65
1424	Sunshine Court	Muskoka Road 169	Silver Birch Road	0.1	open ditch	Rural	Collector	6	2	12.00	Asphalt	7	asphalt	2.5	40	5557	84
1589	Sunshine Court	Silver Birch Road	Lakeshore Drive	0.2	open ditch	Rural	Local	6	2	12.00	Asphalt	7	asphalt	2.5	40	30	94
1590	Sunshine Court	Lakeshore Drive	End	0.1	open ditch	Rural	Local	6	2	11.00	Asphalt	7	asphalt	2.0	40	100	94
1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	200	70
1592	Sutherland Way (South Branch)	Alana Boulevard	End	0.1	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	200	80
1588	Talbot Trail	Alana Boulevard	End	0.1	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	150	65
1594	Talbot Trail	Graham Road	Joseph Pl	0.1	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	10	68
1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	open ditch	Rural	Local	6	2	7.50	Surface Treated	6.5	earth/dirt	0.5	40	200	72
1596	Talisman Drive	114m S of Muskoka Road S	End	0.2	open ditch	Rural	Collector	4	2.00	8.50	Asphalt	6	earth/dirt	1.3	50	200	94
1694	Talisman Drive	Muskoka Road S	114m S of Muskoka Road S	0.1	storm sewer	Urban	Collector	4	2	14.00	Asphalt	14	other	0.0	50	100	97
1593	Taverner Road	Doe Lake Road	End	0.4	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	200	74
1570	Thain Street E	Muskoka Beach Road	Wellington Street	0.1	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	200	87
1143	Thain Street W	Freeland Drive	End	0.0	storm sewer	Urban	Collector	5	2	8.00	Asphalt	8	other	0.0	50	40	89
1602	Thain Street W	Muskoka Beach Road	Kingbrook Court	0.1	storm sewer	Urban	Collector	5	2	8.40	Asphalt	8.4	other	0.0	50	50	91
1603	Thain Street W	Kingbrook Court	Freeland Drive	0.1	storm sewer	Urban	Local	6	2	8.40	Asphalt	8.4	other	0.0	50	60	82
1562	Theatre Road	Gravenhurst Pkwy	End	0.2	open ditch	Rural	Local	6	2	8.70	Asphalt	6.7	earth/dirt	1.0	50	93	77
1420	Third Street	Phillip Street E	Bishop Street	0.1	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	100	68
1563	Third Street	Phillip Street E	End	0.1	no ditch	Semi-Urban	Local	5	2	6.50	Asphalt	5.5	earth/dirt	0.5	50	100	61
1597	Third Street	Pinedale Road	End	0.2	no ditch	Semi-Urban	Local	6	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	100	64
1604	Third Street	Bishop Street	David Street	0.1	no ditch	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	300	82
1605	Third Street	David Street	Pinedale Road	0.1	no ditch	Rural	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	200	63
1611	Thomas Road	Barkway Road (1st Intersection)	450m E of Barkway Road (1st Intersection)	0.5	open ditch	Rural	Local	6	1	4.30	Gravel	3.3	gravel	0.5	50	200	72
1421	Tiffany Trail	Evans Avenue W	End	0.2	no ditch	Semi-Urban	Local	6	2	8.00	Asphalt	7	earth/dirt	0.5	50	120	83

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1340	Tomingas Road	Bird Haven Way	End	1.0	no ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	50	500	28
1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	open ditch	Rural	Local	6	2	7.00	Surface Treated	6	earth/dirt	0.5	40	500	57
1613	Tower Crescent	1701 Highway 11 S	End	0.6	open ditch	Rural	Local	6	2	10.00	Surface Treated	6	earth/dirt	2.0	50	500	65
1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	open ditch	Rural	Local	6	2	10.00	Surface Treated	6	earth/dirt	2.0	50	500	50
1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	open ditch	Rural	Local	6	2	10.00	Surface Treated	6	earth/dirt	2.0	50	200	69
1622	Tryon Drive	South Kakshe Lake Road	Hastings Drive	0.2	open ditch	Rural	Collector	5	2	10.50	Asphalt	7.5	earth/dirt	1.5	50	100	87
1629	Tryon Drive	Hastings Drive	Erins Way	0.2	open ditch	Rural	Collector	6	2	10.50	Asphalt	7.5	earth/dirt	1.5	40	400	78
1630	Tryon Drive	Erins Way	North Kakshe Lake Road	1.1	open ditch	Rural	Collector	5	2	10.50	Asphalt	7.5	earth/dirt	1.5	50	400	85
1632	Twigs End	Hedgewood Lane	End	0.1	no ditch	Semi-Urban	Local	6	2	9.10	Asphalt	8.1	earth/dirt	0.5	50	750	88
1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	open ditch	Rural	Collector	5	2	11.00	Asphalt	7	gravel	2.0	50	500	68
1459	Veterans Way	Muskoka Road S	First Street S	0.1	storm sewer	Semi-Urban	Local	5	2	7.80	Asphalt	6.8	earth/dirt	0.5	50	500	77
1461	Veterans Way	First Street S	Bethune Drive S	0.1	no ditch	Semi-Urban	Local	5	2	11.00	Asphalt	7	asphalt	2.0	50	500	80
1634	Victoria Street	Muskoka Road N	First Street N	0.1	sewer & ditch	Semi-Urban	Local	5	2	8.00	Asphalt	8	earth/dirt	0.0	50	100	90
1606	Vincent Avenue	Muskoka Road N	Robinson Avenue	0.1	no ditch	Rural	Collector	5	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	200	89
1607	Vincent Avenue	Robinson Avenue	Lakeview Avenue	0.1	no ditch	Rural	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	100	86
1609	Violet Street	Muskoka Road S	First Street S	0.1	no ditch	Rural	Local	5	2	12.00	Asphalt	7	earth/dirt	2.5	50	30	79
1610	Violet Street	First Street S	Bethune Drive S	0.1	open ditch	Rural	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	200	76
1614	Wagner Street	John Street N	Lorne Street	0.3	no ditch	Semi-Urban	Local	5	2	8.00	Asphalt	7	earth/dirt	0.5	50	50	78
1615	Wagner Street	John Street N	Mary Street N	0.1	no ditch	Semi-Urban	Local	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	200	67
1616	Wagner Street	Mary Street N	Emma Street	0.1	no ditch	Semi-Urban	Local	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	67
1617	Wagner Street	Emma Street	Sarah Street N	0.1	no ditch	Semi-Urban	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	65
1618	Wagner Street	Sarah Street N	Austin Street	0.1	no ditch	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	88
1619	Wagner Street	Austin Street	Louise Street	0.1	storm sewer	Semi-Urban	Collector	5	2	7.00	Asphalt	6	earth/dirt	0.5	50	50	80
1620	Wagner Street	Louise Street	Gateway Drive	0.2	open ditch	Semi-Urban	Local	6	2	8.30	Asphalt	7.3	gravel	0.5	50	50	80
1621	Walker Road	Houseys Rapids Road	End	0.7	open ditch	Rural	Local	6	1	5.00	Gravel	4	gravel	0.5	50	20	82
1430	Walton Road	Old Muskoka Road	Lofty Pines Drive	0.2	no ditch	Semi-Urban	local	5	2	6.00	Asphalt	5	earth/dirt	0.5	50	50	96
1427	Wanda Miller Road	Hotchkiss Street	End	0.1	storm sewer	Semi-Urban	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	70	68
1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	storm sewer	Semi-Urban	Local	5	2	7.10	Asphalt	6.1	earth/dirt	0.5	50	70	78
1432	Wapaska Crescent	Muskoka Road 169	30m to Wapaska Crescent Fork 1	0.0	open ditch	Rural	Local	6	2	7.00	Asphalt	6	earth/dirt	0.5	50	70	85
1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	open ditch	Rural	Local	6	1	5.00	gravel	4	earth/dirt	0.5	50	50	47
1434	Wapaska Crescent	Wapaska Crescent Fork 1	67m E of Wapaska Crescent Fork 2	0.1	no ditch	Rural	Local	6	2	7.00	Gravel	6	earth/dirt	0.5	50	40	92
1435	Wapaska Crescent	Wapaska Crescent Fork 2	End	0.1	open ditch	Rural	Local	6	2	7.00	Gravel	6	earth/dirt	0.5	50	90	92
1436	Wapaska Crescent	Wapaska Crescent Fork 2	End	0.1	no ditch	Rural	Local	6	2	7.00	Gravel	6	earth/dirt	0.5	50	75	84
1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	no ditch	Rural	Local	6	1	5.00	asphalt	4	earth/dirt	0.5	50	80	66
1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	open ditch	Rural	Local	6	2	9.00	Asphalt	7	earth/dirt	1.0	50	40	72

Gravenhurst Road Needs Study 2021

Master List - Road Sections & Existing Conditions

Asset ID	Road Name	From	To	Length (km)	Drainage	Roadside Environ	Road Class	O.Reg. Class	Lanes	Platform Width (m)	Surface Type	Surface Width (m)	Shoulder Type	Shoulder Width (m)	Posted Speed (km/h)	2021 AADT	PCI
1608	Watson Lane	Pratt Crescent	End	0.1	no ditch	Semi-Urban	Local	6	2	8.30	Asphalt	7.3	earth/dirt	0.5	50	20	80
1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7	earth/dirt	0.8	50	100	76
1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7	earth/dirt	0.8	50	40	66
1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7	earth/dirt	0.8	50	200	63
1661	Wellington Street	Thain Street E	End	0.2	no ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7	earth/dirt	0.8	50	183	80
1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	open ditch	Rural	Local	6	2	6.10	Surface Treated	5.1	earth/dirt	0.5	40	150	41
1599	Westwind Court	Muskoka Bay Boulevard	End	0.1	storm sewer	Urban	Local	6	2	9.00	Asphalt	9	other	0.0	50	200	95
1662	Wharf Road	Steamship Bay Road	End	0.2	no ditch	Semi-Urban	Local	6	2	10.50	Gravel	6.5	other	2.0	50	557	91
1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	no ditch	Rural	Local	6	2	6.00	Surface Treated	5	earth/dirt	0.5	50	930	50
1401	Whitehead Road	Road 3500	Road 3600	0.6	open ditch	Rural	Local	6	2	5.50	Surface Treated	4.5	earth/dirt	0.5	50	557	65
1402	Whitehead Road	Road 3600	End	0.1	no ditch	Rural	Local	6	2	5.50	Surface Treated	4.5	earth/dirt	0.5	50	557	61
1635	Wigwam Lodge Road	North Kahshe Lake Road	Oak Road	0.4	open ditch	Rural	Local	6	2	7.00	Gravel	6	gravel	0.5	40	557	91
1598	Winewood Avenue W	Austin Street	End	0.1	no ditch	Semi-Urban	Local	6	2	7.50	Asphalt	6.5	earth/dirt	0.5	50	557	61
1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	storm sewer	Urban	Local	5	2	6.60	Asphalt	6.6	other	0.0	50	30	79
1639	Winewood Avenue W	John Street N	Mary Street N	0.1	storm sewer	Urban	Local	6	2	6.60	Asphalt	6.6	other	0.0	50	30	87
1640	Winewood Avenue W	Mary Street N	Sarah Street N	0.1	storm sewer	Semi-Urban	Local	6	2	9.00	Asphalt	8	earth/dirt	0.5	50	80	80
1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	no ditch	Semi-Urban	Local	5	2	9.00	Asphalt	8	asphalt	0.5	50	125	66
1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	open ditch	Rural	Collector	5	2	8.20	Surface Treated	6.2	earth/dirt	1.0	50	100	77
1643	Winhara Road	Jones Road	Barnes Road	1.0	no ditch	Rural	Collector	5	2	7.50	Asphalt	6.5	gravel	0.5	50	100	100
1644	Winhara Road	Barnes Road	100m North of Langford Drive	3.6	open ditch	Rural	Collector	5	2	8.50	Asphalt	6.5	gravel	1.0	50	200	100
1645	Winhara Road	1630 Winhara Road	Kilty Switch Road	0.5	no ditch	Rural	Collector	5	2	8.50	Surface Treated	6.5	earth/dirt	1.0	50	150	100
1646	Winhara Road	Kilty Switch Road	End	0.4	open ditch	Rural	Collector	5	2	8.50	Surface Treated	6.5	earth/dirt	1.0	50	150	100
1683	Winhara Road	Approx 100m North of Langford Drive	1630 Winhara Road	0.1	no ditch	Rural	Collector	5	2	8.50	Surface Treated	6.5	earth/dirt	1.0	50	70	100
1736	Winhara Road	approx 50m North of Bethune Drive N	500m North of Bethune Drive N	0.5	open ditch	Rural	Collector	5	2	9.50	asphalt	7.5	gravel	1.0	50	12	100
1737	Winhara Road	Bethune Drive N	approx 50m North of Bethune Drive N	0.1	open ditch	Rural	Collector	5	2	9.50	asphalt	7.5	gravel	1.0	50	15	92
1647	Witbeck Road	300 m W of Houseys Rapids Road	Fire Route 5A	1.1	no ditch	Rural	Local	6	1	4.00	Gravel	3	gravel	0.5	50	10	69
1648	Witbeck Road	Fire Route 5A	520 m N of Fire Route 5A	0.5	no ditch	Rural	Local	6	1	6.00	Gravel	5	gravel	0.5	50	930	71
1734	Witbeck Road	Houseys Rapids Road	300 m W of Houseys Rapids Road	0.3	no ditch	Rural	Local	6	2	5.00	Gravel	4	gravel	0.5	50	930	79
1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	1500	79
1612	Woods Hollow	Hedgewood Lane	End	0.1	open ditch	Semi-Urban	Local	6	2	8.50	Asphalt	7.5	earth/dirt	0.5	50	30	83
				254.7													

Appendix D: Road Standards

Town of Gravenhurst Road Needs Study 2021 Standards, Guidelines & Assumptions

ROAD DESIGN STANDARDS

TOLERABLE STANDARDS

Environment	Road Class		Surface Type	Through Lane m	Shoulder Width m	Surface Course mm	Base Course mm	Asphalt Depth mm	Granular A Depth mm	Granular B Depth mm	Through Lane m	Shoulder Width m
Rural	local	R1	see note 1	3.25	1.25	50	0	50	150	300	3.0	0.5
	collector	R2	see note 1	3.25	1.25	50	0	50	150	300	3.0	0.5
	arterial	R3	asphalt	3.25	1.25	50	0	50	150	300	3.0	0.5
Semi-Urban	local	S1	see note 2	3.5	0.6	50	0	50	150	300	3.0	0.5
	collector	S2	see note 2	3.5	0.6	50	0	50	150	300	3.0	0.5
	arterial	S3	asphalt	3.5	0.6	50	0	50	150	300	3.0	0.5
Urban	local	U1	asphalt	4.00		40	50	90	150	300	3.5	
	collector	U2	asphalt	4.00		50	50	100	150	450	3.5	
	arterial	U3	asphalt	4.00		50	50	100	150	450	3.5	

1. For rural roads, surface type will be dependent upon the traffic volumes

0 ≤ AADT < 400	gravel
400 ≤ AADT < 1000	surface treated
1000 ≤ AADT	asphalt

2. For semi-urban roads, surface type will be dependent upon the traffic volumes

0 ≤ AADT < 1000	surface treated
1000 ≤ AADT	asphalt

Appendix E: Road Deficiencies & Improvements

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	59	PR	1-5 years	\$227,000	44
1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	51	PR	1-5 years	\$13,000	25
1716	1318 Brydons Bay Road	Brydons Bay Road	End	0.1	5	adeq	adequate		gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	61	WR			
1717	1320 Brydons Bay Road	Brydons Bay Road	End	0.1	5	adeq	adequate		Surface Treated	gravel	adeq	3	6	3.00	0.50	adeq	no ditch	1-5	97	WR			
1068	Abbey Lane	Farquhar Street	End	0.1	50	adeq	adequate		Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	87				
1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$35,000	18
1506	Alexander Street	Blanchard Street W	Evans Avenue W	0.3	50	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	95				
1507	Alexander Street	Evans Avenue W	Catherine Street W	0.2	50	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	83				
1508	Alexander Street	Catherine Street W	Palmer Drive	0.2	50	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	85				
1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$135,000	22
1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$101,000	16
1084	Amelia Crescent (N of Fleming Dr)	Fleming Drive	End	0.1	20	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	84				
1085	Art Crisp Road	Baseline Road	End	1.1	70	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$161,000	31
1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	56	PR	1-5 years	\$202,000	38
1513	Austin Street	Winewood Avenue W	George Street	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$23,000	20
1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$24,000	32
1515	Austin Street	Farquhar Street	Wagner Street	0.1	250	adeq	adequate		Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	83				
1516	Austin Street	Wagner Street	Fraser Street	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	53	PR	1-5 years	\$25,000	39
1517	Austin Street	Fraser Street	Lorne Street	0.1	250	adeq	reconstruct	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	40	REC	now	\$92,000	50
1055	Bakery Lane	Muskoka Road 169	Mcperson Street	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	68	PR	1-5 years	\$18,000	25
1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$100,000	17
1671	Balfour Woods Road	Southwood Road	1008 Balfour Woods Road	0.0	30	adeq	adequate		Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	93				
1725	Balfour Woods Road	Long Point Drive	112m S of Long Point Drive	0.1	40	adeq	adequate		Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	81				
1089	Barkway Road	Doe Lake Road	Seehaver Road	1.1	122	adeq	adequate		Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	adeq	100				
1090	Barkway Road	Seehaver Road	Merkley Road	2.1	92	adeq	adequate		Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	adeq	100				
1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$61,000	21
1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$728,000	39
1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	54	PR	1-5 years	\$101,000	36
1094	Barkway Road	Loft Lane	Thomas Road	0.2	200	adeq	adequate		Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	82				
1095	Barkway Road	Houseys Rapids Road	Loft Lane	0.2	206	adeq	adequate		Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	100				
1658	Barnes Road	Winhara Road	End	0.7	10	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	62	PR	1-5 years	\$104,000	22
1077	Barnes Road (West of Winhara Rd)	Winhara Road	End	0.1	30	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	71	WR			
1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	56	PR	1-5 years	\$26,000	35
1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$83,000	22
1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	60	PR	1-5 years	\$203,000	32
1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	47	BS	now	\$381,000	45
1601	Baypoint Court	Muskoka Bay Boulevard	End	0.2	110	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	94				
1002	Bea Dale Lane	Canning Road	Valley Drive	0.4	75	adeq	adequate		Gravel	gravel	adeq	3.3	6	2.70	adeq	adeq	no ditch	1-5	72	WR			
1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	8	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	60	PR	1-5 years	\$45,000	21
1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	8	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	58	PR	1-5 years	\$113,000	22
1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$55,000	17
1030	Bell Road	Sam Cook Road	Bell Road	0.2	50	adeq	adequate		Gravel	gravel	adeq	3.3	6	2.70	adeq	adeq	no ditch	1-5	79	WR			
1100	Bell Road	Donald Sutherland Trail	End	0.3	25	adeq	adequate		Gravel	gravel	adeq	3.3	6	2.70	adeq	adeq	no ditch	now	72	WR			
1037	Ben Lake Road E	Barkway Road	800m East of Barkway Road	0.8	15	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	open ditch	1-5	68	WR			
1040	Ben Lake Road E	Fire Route B1	490m S of Ben Lake Road E	0.5	5	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	71	WR			
1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	adeq	resurface	now	Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	57	PR	now	\$23,000	24
1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	300	adeq	resurface	1-5 years	surface treated	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	1-5	53	PR	1-5 years	\$6,000	25

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating		
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition			Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type		Time	Value
						need		need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1128	Ben Lake Road E	850m E of Barkway Road	Fire Route B1	1.5	10	adeq	adequate		gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	1-5	68	WR					
1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	10	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$180,000	25		
1052	Benzinger Road	Frederick Lane	Fire Route 11B	1.0	40	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	61	WR					
1053	Benzinger Road	Fire Route 11B	Mcaulay Road	0.5	50	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	now	74	WR					
1048	Birch Point Road	Brydons Bay Road	1060 Birch Point Road	0.6	20	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	72	WR					
1678	Birch Point Road	1060 Birch Point Road	End	0.2	10	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	70	WR					
1520	Bird Haven Way	Tomingas Road	End	0.2	400	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	59	PR	now	\$10,000	23		
1101	Bishop Street	First Street S	End	0.0	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	60	PR	1-5 years	\$10,000	21		
1102	Bishop Street	First Street S	Bethune Drive S	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$31,000	20		
1103	Bishop Street	Bethune Drive S	Third Street	0.1	40	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$31,000	24		
1104	Bishop Street	Third Street	Fourth Street	0.1	70	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	87						
1105	Bishop Street	Fourth Street	End	0.1	120	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5	6	1.00	adeq	adeq	no ditch	now	58	PR	1-5 years	\$15,000	25		
1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	93	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	68	PR	6-10 years	\$32,000	20		
1107	Blanchard Street W	Muskoka Beach Road	Alexander Street	0.1	50	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	97						
1108	Blanchard Street W	Alexander Street	Lisa Lane	0.3	20	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	89						
1109	Blanchard Street W	Lisa Lane	Evans Avenue W	0.1	40	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	82						
1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	70	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	49	PR	1-5 years	\$22,000	29		
1110	Booth Lane	Muriel Crescent	End	0.4	500	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	68	WR					
1600	Breakwater Court	Muskoka Bay Boulevard	End	0.1	1123	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	100						
1510	Brock Street	Bethune Drive N	End	0.1	1000	adeq	adequate		Asphalt	surface treated	adeq	7.4	6	adeq	adeq	adeq	no ditch	1-5	87						
1111	Brown Street	Muskoka Road N	Mcneice Laneway	0.1	1000	adeq	adequate		Asphalt	asphalt	adeq	12.5	7	adeq	adeq	adeq	storm sewer	adeq	87						
1112	Brown Street	Mcneice Laneway	John Street N	0.1	1000	adeq	adequate		Asphalt	asphalt	adeq	12.5	7	adeq	adeq	adeq	storm sewer	1-5	95						
1113	Brown Street	John Street N	Mary Street N	0.1	1000	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	56	PR	1-5 years	\$163,000	50		
1114	Brown Street	Mary Street N	Sarah Street N	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	adeq	81						
1115	Brown Street	Sarah Street N	Greavette Street	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	1-5	92						
1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$15,000	16		
1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$101,000	27		
1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	60	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	73	PR	6-10 years	\$74,000	17		
1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	66	PR	6-10 years	\$95,000	21		
1025	Brydons Bay Road	Alexander Street	Chamberlain Drive	0.2	100	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	86						
1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	59	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	64	PR	1-5 years	\$101,000	22		
1057	Brydons Bay Road	Muskoka Beach Road	Birch Point Road	0.2	20	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	82						
1159	Brydons Bay Road	Birch Point Road	Alexander Street	0.2	5	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	88						
1713	Brydons Bay Road	Brydons Bay Road	End	0.3	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	74	PR	6-10 years	\$42,000	14		
1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$5,000	12		
1160	Burnett Street	Bay Street	Hughson Street	0.1	300	adeq	adequate		Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	storm sewer	adeq	82						
1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	306	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$88,000	22		
1739	Campbells Road	350m S of Gravenhurst Parkway	End	1.9	10	adeq	adequate		gravel	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	72						
1098	Canning Road	Baseline Road	Southwood Road	1.0	400	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$231,000	24		
1518	Canning Road	Highway 11 S	Baseline Road	1.0	70	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$235,000	26		
1167	Cardinal Crescent	Kilworthy Road	End	0.1	77	adeq	adequate		gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	60	WR					
1164	Caroline Street	Muskoka Road S	Clarence Street	0.1	70	adeq	adequate		Asphalt	surface treated	adeq	7.8	6	adeq	adeq	adeq	storm sewer	adeq	94						
1165	Caroline Street	Clarence Street	End	0.1	100	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	0.50	adeq	storm sewer	1-5	88						
1049	Catherine Street E	Muskoka Beach Road	Wellington Street	0.1	150	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	82						
1050	Catherine Street W	Alexander Street	Douglas Street	0.1	350	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$32,000	15		
1051	Catherine Street W	Douglas Street	Mckenzie Street	0.1	200	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	92						
1166	Catherine Street W	Muskoka Beach Road	Alexander Street	0.1	50	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	1-5	80						
1425	Centennial Drive	Church Street	Brock Street	0.2	200	adeq	adequate		Asphalt	asphalt	adeq	8.1	7	adeq	adeq	adeq	storm sewer	1-5	88						

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1679	Centennial Drive	Church Street	End	0.4	70	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	96				
1120	Charles Road	Muskoka Road 169	End	1.0	15	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	39	REC	now	\$767,000	38
1168	Cherokee Lane	Bay Street	End	0.2	15	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5	6	1.00	0.50	adeq	no ditch	now	70	PR	6-10 years	\$32,000	24
1169	Chickadee Lane	Silver Lake Road	1000 m south of Silver Lake Road	1.0	600	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	6-10	79	WR			
1738	Chickadee Lane	1000 m south of Silver Lake Road	End	0.8	500	adeq	adequate		gravel	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	adeq	98				
1087	Chippewa Avenue	Muskoka Beach Road	End	0.1	100	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	1-5	95	WR			
1088	Chippewa Lane	Muskoka Beach Road	End	0.1	500	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	open ditch	6-10	78	WR			
1074	Church Street	Muskoka Road N	First Street N	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	11.5	7	adeq	adeq	adeq	storm sewer	adeq	88				
1075	Church Street	First Street N	Centennial Drive	0.1	500	adeq	adequate		Asphalt	surface treated	adeq	8.3	6	adeq	0.50	adeq	storm sewer	adeq	84				
1121	Church Street	Centennial Drive	End	0.0	500	adeq	adequate		Asphalt	asphalt	adeq	8.3	7	adeq	adeq	adeq	storm sewer	1-5	92				
1680	Church Street	Centennial Drive (1st Intersection)	30m E of Centennial Drive (1st Intersection)	0.0	500	adeq	adequate		Asphalt	asphalt	adeq	8.3	7	adeq	adeq	adeq	storm sewer	1-5	82				
1078	Clairmont Road	Bay Street	End	0.2	17	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	69	PR	6-10 years	\$41,000	23
1116	Clarence Street	Caroline Street	Margaret Street	0.1	300	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	80				
1117	Clarence Street	Margaret Street	Gillan Drive	0.1	55	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	80				
1118	Clarence Street	Gillan Drive	Edward Street	0.1	55	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	74	PR	6-10 years	\$14,000	26
1352	Clarence Street	Nelson Street	Caroline Street	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	75	PR	6-10 years	\$25,000	22
1005	Cliff Bruce Road	Muskoka Beach Road	End	0.3	10	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	74	WR			
1122	Clipsham Road	Southwood Road	Wiancko Road	0.5	60	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	85	WR			
1636	Clipsham Road	Wiancko Road	End	0.2	200	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	68	WR			
1484	Conservation Road	Doe Lake Road	End	1.1	150	adeq	adequate		asphalt	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	adeq	94	WR			
2076	Cooks Road	Houseys Rapids Road	100 m E of Houseys Rapids Road	0.1	10	adeq	adequate		gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	1-5	79	WR			
1054	Coon Road	Bethune Drive N	End	0.5	175	adeq	adequate		Gravel	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	81				
1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	300	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$13,000	31
1163	Cowbell Lane	Manson Lane	End	1.1	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	76	PR	6-10 years	\$165,000	18
1511	Cox Road	Highway 11 S	End	0.3	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	47	PR	1-5 years	\$47,000	28
1512	Crawford Road	Jones Road	End	0.5	20	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$116,000	16
1042	Crescent Drive	Kingswood Drive	Park Lane	0.1	100	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	87				
1076	Crescent Drive	Pinegrove Street	Kingswood Drive	0.2	268	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	84				
1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$28,000	24
1139	Cyril Gill Drive	Road 1100	End	0.1	200	adeq	resurface	now	Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	now	56	PR	now	\$9,000	24
1070	David Street	First Street S	End	0.1	200	adeq	adequate		Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	1-5	81				
1071	David Street	First Street S	Bethune Drive S	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	73	PR	6-10 years	\$176,000	22
1072	David Street	Bethune Drive S	Third Street	0.1	50	adeq	adequate		Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	1-5	89				
1073	David Street	Third Street	Rayner Street	0.1	15	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	88				
1140	David Street	Rayner Street	Fifth Street	0.1	80	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	87				
1141	David Street	Fifth Street	Sixth Street	0.1	20	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$32,000	16
1142	David Street	Sixth Street	End	0.1	10	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	68	PR	6-10 years	\$24,000	20
1554	Davis Drive	Graham Road	353m S of Graham Road	0.4	100	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	64	WR			
1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	2931	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$63,000	20
1127	Dove Drive	Kilworthy Road	End	0.1	500	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	69	PR	6-10 years	\$8,000	17
1145	Dungey Street	Revell Street	End	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$12,000	14
1161	East Severn River Road	Severn River Road	End	0.2	10	adeq	adequate		Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	80				
1156	Edward Street	Muskoka Road S	Clarence Street	0.1	30	adeq	adequate		Asphalt	asphalt	adeq	11	7	adeq	adeq	adeq	storm sewer	adeq	96				
1157	Edward Street	Clarence Street	George Beard Lane	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	8.8	7	adeq	adeq	adeq	storm sewer	1-5	87				
1158	Elder Street	Muskoka Road N	First Street N	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	70	PR	6-10 years	\$31,000	24
1003	Elderberry Lane	Sparrow Lake Route D	End	0.2	150	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	79	WR			
1549	Elzner Road	Reay Road	End	0.7	150	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	32	REC	now	\$497,000	39

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1181	Emma Street	Wagner Street	Fraser Street	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	53	PR	1-5 years	\$19,000	29
1126	Erins Way	Tryon Drive	End	0.1	100	adeq	adequate		Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	87				
1022	Evans Avenue E	Muskoka Beach Road	Wellington Street	0.1	20	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	86				
1021	Evans Avenue W	Muskoka Beach Road	Alexander Street	0.1	50	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	88				
1023	Evans Avenue W	Alexander Street	Tiffany Trail	0.1	200	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	88				
1024	Evans Avenue W	Tiffany Trail	Blanchard Street W	0.2	263	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	92				
2085	Evergreen Court	42 m NW of Muskoka Beach Road	End	0.2	200	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	82	WR			
1706	Evergreen Court	Muskoka Beach Road	42m NW of Muskoka Beach Road	0.0	70	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	94	WR			
1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$19,000	31
1522	Fairview Drive	Pineridge Gate	Pinegrove Street	0.0	250	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	6-10	89				
1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	now	66	PR	6-10 years	\$440,000	27
1519	Farquhar Street	Austin Street	Abbey Lane	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$152,000	23
1524	Farquhar Street	Muskoka Road N	John Street N	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	storm sewer	1-5	68	PR	1-5 years	\$32,000	26
1525	Farquhar Street	John Street N	Mary Street N	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	79	PR	6-10 years	\$162,000	18
1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	72	PR	6-10 years	\$30,000	23
1527	Farquhar Street	Sarah Street N	Austin Street	0.1	200	adeq	adequate		Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	sewer & ditch	1-5	94				
1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	300	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	45	PR	1-5 years	\$48,000	38
1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$67,000	26
1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	74	PR	6-10 years	\$4,000	18
1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	1947	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	9	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$286,000	18
1146	Fernwood Drive	James Street	Pratt Crescent	0.3	2000	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	9	6	adeq	adeq	adeq	storm sewer	now	51	PR	1-5 years	\$415,000	42
1147	Fifth Street	David Street	End	0.1	1950	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$18,000	22
1208	Fire Route C1 (Snowcrest Trail)	Seehaver Road	End	0.8	1000	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	6-10	90	WR			
1182	First Street N	Elder Street	Winewood Avenue E	0.2	1950	adeq	adequate		Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	1-5	95				
1210	First Street N	Brock Street	Harvie Street	0.1	400	adeq	rehabilitate	now	Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	now	48	REC	now	\$219,000	70
1310	First Street N	Victoria Street	Elder Street	0.1	200	adeq	adequate		Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	1-5	96				
1550	First Street N	Harvie Street	Church Street	0.1	1000	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	10	7	adeq	adeq	adeq	storm sewer	now	50	R	1-5 years	\$168,000	56
1552	First Street N	Church Street	Victoria Street	0.1	1000	adeq	adequate		Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	1-5	95				
1183	First Street S	David Street	Veterans Way	0.1	600	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	48	PR	1-5 years	\$135,000	48
1184	First Street S	Veterans Way	Main Street	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	46	PR	1-5 years	\$99,000	42
1209	First Street S	Brock Street	Royal Street	0.1	400	adeq	adequate		Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	adeq	94				
1211	First Street S	Royal Street	Sharpe Street E	0.1	600	adeq	adequate		Asphalt	asphalt	adeq	11.7	7	adeq	adeq	adeq	storm sewer	adeq	94				
1311	First Street S	Bishop Street	David Street	0.1	600	adeq	rehabilitate	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	45	BS	now	\$33,000	55
1312	First Street S	Main Street	Violet Street	0.2	5	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$40,000	34
1313	First Street S	Violet Street	Bethune Drive S	0.3	10	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$361,000	27
1551	First Street S	Sharpe Street E	Phillip Street E	0.1	200	adeq	reconstruct	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	32	REC	now	\$77,000	68
1553	First Street S	Phillip Street E	Bishop Street	0.1	200	adeq	rehabilitate	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	47	BS	now	\$33,000	53
1015	Fish Hook Lane	Southwood Road	175m E of Southwood Road	0.2	100	adeq	adequate		Gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	6-10	84	WR			
1004	Fitchett Lane	Riley Lake Road	202m SE of Riley Lake Road (End)	0.2	50	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	86	WR			
1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	30	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$26,000	17
1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$98,000	22
1316	Forest Glen Drive	Jones Road	End	0.3	10	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	87				
1151	Fourth Street	Phillip Street E	Bishop Street	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.4	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$25,000	13
1152	Fourth Street	Bishop Street	End	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	no ditch	now	72	PR	6-10 years	\$13,000	16
1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	100	adeq	rehabilitate	now	gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	30	BS	now	\$217,000	37
1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	30	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$135,000	14

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1038	Fraser Street	Emma Street	Austin Street	0.2	75	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	55	PR	1-5 years	\$48,000	31
1039	Fraser Street	Austin Street	Louise Street	0.1	90	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	69	PR	6-10 years	\$35,000	22
1572	Fraser Street	Louise Street	Gateway Drive	0.2	90	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	95				
1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	90	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	58	PR	now	\$54,000	24
1069	Freeland Drive	Thain Street W	End	0.2	60	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	8.4	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$35,000	16
1214	Gateway Drive	Lorne Street	Grace Court	0.3	200	adeq	adequate		Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	82				
1573	Gateway Drive	Wagner Street	Fraser Street	0.1	200	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	88				
1574	Gateway Drive	Fraser Street	Lorne Street	0.1	140	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	95				
1660	Gateway Drive	Grace Court	End	0.1	140	adeq	adequate		Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	80				
1062	George Beard Lane	Edward Street	Gillan Drive	0.1	140	adeq	adequate		Asphalt	gravel	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	88				
1063	George Beard Lane	Gillan Drive	Margaret Street	0.1	150	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	6-10	82				
1059	George Street	John Street N	Mary Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	54	PR	1-5 years	\$31,000	34
1060	George Street	Mary Street N	Sarah Street N	0.1	27	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	50	PR	1-5 years	\$31,000	37
1061	George Street	Sarah Street N	Austin Street	0.1	20	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	73	PR	6-10 years	\$29,000	20
1215	George Street	Muskoka Road N	John Street N	0.1	40	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	54	PR	1-5 years	\$31,000	34
1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	66	PR	6-10 years	\$27,000	25
1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	100	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	64	PR	1-5 years	\$26,000	21
1218	Glen Echo Road	Glen Echo Road	End	0.0	30	adeq	adequate		Gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	63	WR			
1129	Goldfinch Court	Kilworthy Road	End	0.2	50	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	39	REC	now	\$148,000	37
1066	Golf Club Road	Hoc-Roc Drive	End	0.3	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	49	PR	1-5 years	\$39,000	35
1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	400	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	46	PR	1-5 years	\$33,000	37
1659	Grace Court	Gateway Drive	End	0.1	350	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	63	PR	1-5 years	\$24,000	21
1064	Graham Road	Bowers Lane	Bagley Road	0.5	263	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$76,000	20
1065	Graham Road	Bagley Road	Godfrey Road	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	75	PR	6-10 years	\$26,000	14
1153	Graham Road	Southwood Road	Talbot Trail	0.3	300	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	100				
1176	Graham Road	Talbot Trail	Pasture Lane	0.4	300	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100				
1177	Graham Road	Shamrock Marina Road	Rockcastle Road	1.2	1000	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100				
1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	69	PR	6-10 years	\$114,000	21
1681	Graham Road	Pasture Lane	60 m west of Pasture Lane	0.1	10	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100				
1721	Graham Road	60 m west of Pasture Lane	Shamrock Marina Road	0.1	141	adeq	adequate		Gravel	surface treated	now	6	6	adeq	adeq	adeq	open ditch	1-5	74				
1001	Greavette Street	Bay Street	Brown Street	0.1	20	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	84				
1521	Greavette Street	Brown Street	End	0.1	300	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	1-5	100				
1199	Greenhalgh Road	Jim Wood Lane	End	0.6	50	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	81	WR			
1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	80	PR	6-10 years	\$244,000	15
1410	Halls Road	Houseys Rapids Road	1033 m W of Houseys Rapids Road	1.0	300	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	84	WR			
1242	Harvie Street	Muskoka Road N	First Street N	0.1	300	adeq	adequate		Asphalt	asphalt	adeq	8.6	7	adeq	adeq	adeq	storm sewer	adeq	87				
1243	Hastings Drive	Tryon Drive	Picard Lane	0.3	300	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	86				
1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	300	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$31,000	33
1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$37,000	18
1245	Hedgewood Lane	Stonehedge Close	Woods Hollow	0.1	100	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	85				
1246	Hedgewood Lane	Woods Hollow	Twigs End	0.3	10	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	85				
1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.6	6	adeq	adeq	adeq	no ditch	1-5	78	PR	6-10 years	\$63,000	19
1248	Hedgewood Lane	Pineridge Gate	Pinedale Road	0.2	32	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	sewer & ditch	6-10	94				
1317	Henry Island Road	Muskoka Road N	End	0.3	70	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.7	6	0.30	adeq	adeq	open ditch	now	50	PR	1-5 years	\$40,000	35
1339	Heron Lane	Kilworthy Road	End	0.1	50	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	36	REC	now	\$38,000	34
1009	Hewitt Street	Highway 11 N	Sprunt Lane	0.8	150	adeq	adequate		Asphalt	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	6-10	100	WR			
1010	Hewitt Street	Sprunt Lane	End	0.1	100	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	100				
1011	Heywood Lane	Gravenhurst Parkway	End	0.1	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$33,000	15

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time		Value
						need		need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1271	Hill Lane	Hill Street	End	0.0	10	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	1-5	84	WR				
1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	526	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	63	PR	1-5 years	\$15,000	28	
1270	Hill Street	Hill Street	End	0.1	550	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	57	PR	1-5 years	\$18,000	30	
1229	Hoc-Roc Drive	Golf Club Road	End	0.2	500	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	6-10	85	WR				
1202	Hopkins Road	Merkley Road	End	0.5	250	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	53	PR	now	\$34,000	25	
1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	50	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	11.1	7	adeq	adeq	adeq	storm sewer	6-10	71	R	6-10 years	\$34,000	28	
1249	Hotchkiss Street	John Street S	Mary Street S	0.1	300	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	1-5	88					
1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$164,000	23	
1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	57	PR	1-5 years	\$164,000	36	
1252	Hotchkiss Street	Wanda Miller Road	End	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	storm sewer	6-10	80	PR	6-10 years	\$35,000	12	
1204	Hughson Street	John Street N	Mary Street N	0.1	10	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.4	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$38,000	30	
1225	Hughson Street	Mary Street N	Sarah Street N	0.1	10	adeq	adequate		Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	6-10	82					
1226	Hughson Street	Sarah Street N	Bay Street	0.1	60	adeq	adequate		Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	adeq	80					
1227	Hughson Street	Bay Street	Burnett Street	0.1	80	adeq	adequate		Asphalt	surface treated	adeq	7.1	6	adeq	adeq	adeq	storm sewer	6-10	93					
1731	Hummingbird Lane	Kilworthy Road	End	0.1	600	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	74	PR	6-10 years	\$8,000	14	
2078	Hunt Club Road	Doe Lake Road	400 m E of Doe Lake Road (End/Plow Turnaround)	0.4	668	adeq	adequate		Gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	89	WR				
1341	Indian Landing Road	1323 North Muldrew Lake Road	End	0.2	40	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	76	WR				
1718	Indian Landing Road	North Muldrew Lake Road	1323 North Muldrew Lake Road	0.1	200	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	1-5	71	WR				
1342	Industrial Drive	Jones Road	Progress Road	0.2	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	now	61	PR	1-5 years	\$52,000	39	
1343	Industrial Drive	Progress Road	Bethune Drive N	0.6	150	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	88					
1134	Iroquois Avenue	Muskoka Beach Road	End	0.2	70	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	1-5	95	WR				
1135	Isaac Street	Muskoka Road N	John Street N	0.1	150	adeq	adequate		Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	100					
1170	Isaac Street	John Street N	Mary Street N	0.1	4300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$30,000	29	
1171	Isaac Street	Mary Street N	Sarah Street N	0.1	4038	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	68	PR	6-10 years	\$30,000	24	
1172	Isaac Street	Sarah Street N	End	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	open ditch	1-5	77	PR	6-10 years	\$32,000	15	
1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	5278	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	storm sewer	now	45	PR	1-5 years	\$44,000	41	
1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	adeq	rehabilitate	now	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$192,000	82	
1256	James Street	Fernwood Drive	North Muldrew Lake Road	0.3	4300	adeq	adequate		Asphalt	asphalt	adeq	8.5	6	adeq	adeq	adeq	no ditch	1-5	87					
1319	James Street	Muskoka Road S	End	0.0	25	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	0.50	adeq	no ditch	now	74	PR	6-10 years	\$12,000	22	
1320	James Street	Muskoka Road S	John Street S	0.1	25	adeq	adequate		Asphalt	asphalt	adeq	10	7	adeq	adeq	adeq	storm sewer	6-10	90					
1698	James Street	John Street S	347m W of John Street S	0.4	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	1-5	69	R	1-5 years	\$83,000	50	
2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	950	adeq	rehabilitate	now	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$192,000	82	
1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	500	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	52	PR	1-5 years	\$66,000	27	
1542	Jim Wood Lane	Jim Wood Lane	End	0.5	950	adeq	resurface	6-10 years	surface treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	74	PR	6-10 years	\$65,000	15	
1027	John Street N	George Street	Winewood Avenue W	0.1	957	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	62	PR	1-5 years	\$29,000	42	
1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	6.6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$24,000	40	
1029	John Street N	Farquhar Street	Wagner Street	0.1	950	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$31,000	34	
1032	John Street N	Bay Street	Hughson Street	0.1	950	adeq	adequate		Asphalt	asphalt	adeq	11.5	7	adeq	adeq	adeq	storm sewer	6-10	100					
1034	John Street N	Hughson Street	Brown Street	0.1	600	adeq	adequate		Asphalt	asphalt	adeq	11.5	7	adeq	adeq	adeq	storm sewer	6-10	100					
1036	John Street N	Brown Street	Peter Street	0.1	600	adeq	adequate		Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	1-5	100					
1044	John Street N	Peter Street	Isaac Street	0.1	500	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	68	PR	1-5 years	\$29,000	36	
1046	John Street N	Isaac Street	George Street	0.1	500	adeq	adequate		Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	1-5	87					
1031	John Street S	Hotchkiss Street	Bay Street	0.1	500	adeq	adequate		Asphalt	asphalt	adeq	11.5	7	adeq	adeq	adeq	storm sewer	6-10	95					
1033	John Street S	Hotchkiss Street	Sharpe Street W	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	11.6	7	adeq	adeq	adeq	storm sewer	adeq	94					
1035	John Street S	Sharpe Street W	Phillip Street W	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	1-5	93					
1043	John Street S	Phillip Street W	James Street	0.1	151	adeq	adequate		Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	1-5	96					
1045	John Street S	James Street	Ridge Road	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	9.5	7	adeq	adeq	adeq	storm sewer	adeq	96					
1047	John Street S	Ridge Road	End	0.2	10	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$44,000	23	

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																				Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value		
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1258	Jones Road	Progress Road	Elwell Park Road	0.2	1119	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$60,000	24	
1259	Jones Road	Elwell Park Road	Winhara Road	2.0	750	adeq	adequate		asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	95					
1260	Jones Road	Winhara Road	Crawford Road	0.3	500	adeq	adequate		Asphalt	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	1-5	100	WR				
1298	Jones Road	Crawford Road	End	0.0	60	adeq	adequate		Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	100					
1543	Jones Road	Muskoka Beach Road	Industrial Drive	0.5	30	adeq	adequate		Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	1-5	80					
1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	27	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$14,000	45	
1545	Jones Road	Forest Glen Drive	Progress Road	0.3	450	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$88,000	26	
1130	Joseph Pl	Talbot Trail	End	0.1	400	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$22,000	17	
1729	Joy Road	Kilworthy Road	170m S of Kilworthy Road	0.2	400	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	62	WR				
1299	Juniper Drive	Peninsula Road	End	0.2	300	adeq	reconstruct	now	Surface Treated	gravel	adeq	3.3	6	2.70	adeq	adeq	no ditch	now	37	REC	now	\$147,000	36	
1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	sewer & ditch	now	70	PR	6-10 years	\$552,000	29	
1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	350	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	51	PR	1-5 years	\$40,000	45	
1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	349	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$77,000	39	
1239	Kilworthy Road	Kilworthy Road	End	2.0	250	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	51	PR	1-5 years	\$478,000	42	
1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	214	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	46	BS	now	\$26,000	46	
1498	Kilworthy Road	1604 m W of Arthur Schulz Road	Southwood Road	0.9	110	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	100					
1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	100	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	48	BS	now	\$466,000	46	
1531	Kilworthy Road	Southwood Road	Joy Road	0.9	80	adeq	adequate		Surface Treated	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	93					
1532	Kilworthy Road	Joy Road	Mccormick Road	0.6	60	adeq	adequate		Surface Treated	gravel	adeq	5.7	6	0.30	adeq	adeq	open ditch	6-10	86	WR				
1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	60	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$69,000	29	
1534	Kilworthy Road	Road 7000	Cyril Gill Drive	0.2	40	adeq	adequate		Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	84					
1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	60	PR	1-5 years	\$55,000	26	
1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	400	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	53	PR	1-5 years	\$8,000	29	
1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	400	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	59	PR	1-5 years	\$11,000	26	
1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$26,000	23	
1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	45	PR	1-5 years	\$51,000	32	
1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	54	PR	1-5 years	\$21,000	42	
1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	140	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$52,000	46	
1301	Kingbrook Court	Thain Street W	End	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	8.4	7	adeq	adeq	adeq	storm sewer	adeq	83					
1212	Kingswood Drive	Pinegrove Street	Crescent Drive	0.2	150	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	80					
1213	Kingswood Drive	Crescent Drive	Pinedale Road	0.1	60	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	88					
1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	100	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$25,000	17	
1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	100	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	75	PR	6-10 years	\$31,000	19	
1263	Knister Road	Robinson Avenue	Lakeview Avenue	0.2	200	adeq	adequate		Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	84					
1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$137,000	18	
1264	Lakeshore Drive	Sunshine Court	End	1.2	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	55	PR	1-5 years	\$181,000	31	
1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	175	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	72	PR	6-10 years	\$36,000	19	
1303	Langford Drive	Winhara Road	End	0.2	175	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$52,000	22	
1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$143,000	13	
1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$43,000	13	
1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$36,000	25	
1201	Laycox Road	Silver Lake Road	Doe Lake Road	0.3	50	adeq	adequate		Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	80	WR				
2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	140	adeq	resurface	now	Gravel	gravel	adeq	6	6	adeq	0.50	adeq	open ditch	now	45	PR	now	\$623,000	29	
2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	adeq	rehabilitate	now	Gravel	gravel	adeq	3	6	3.00	0.50	adeq	open ditch	now	33	BS	now	\$67,000	36	
1626	Lewisham Road	Merkley Road	400 m S of Merkley Road	0.4	50	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	6-10	79	WR				
1235	Lisa Lane	Blanchard Street W	End	0.1	500	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	90					
1304	Little Norway Lane	Reay Road	End	0.5	500	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	43	BS	now	\$100,000	42	
1207	Loft Lane	Barkway Road	End	0.1	500	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	86	WR				

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																				Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value		
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	20	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$13,000	24	
1136	Lofty Pines Drive	Lofty Pines Crescent	Muskoka Beach Road	0.1	359	adeq	adequate		Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	sewer & ditch	adeq	88					
1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	150	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	77	R	6-10 years	\$27,000	22	
1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	50	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$32,000	24	
1650	Long Point Drive	Balfour Woods Road	End	0.3	50	adeq	adequate		Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	89					
1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	713	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$568,000	31	
1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	600	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$338,000	26	
1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	550	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$12,000	15	
1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	300	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$54,000	23	
1326	Lorne Street	Wagner Street	Islander Drive	0.1	220	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	60	PR	1-5 years	\$15,000	42	
1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$38,000	38	
1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	90	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	51	PR	1-5 years	\$356,000	48	
1329	Lorne Street	Austin Street	Louise Street	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$28,000	31	
1330	Lorne Street	Louise Street	Gateway Drive	0.2	200	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.2	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$34,000	28	
1331	Lorne Street	Gateway Drive	End	0.1	40	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	sewer & ditch	1-5	65	PR	1-5 years	\$20,000	24	
1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	400	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$22,000	15	
1332	Louise Street	Wagner Street	Fraser Street	0.1	400	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	85					
1333	Louise Street	Fraser Street	Lorne Street	0.1	30	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	6-10	90					
1334	Luigi Road	Highway 11 N	Sedore Road	2.1	250	adeq	adequate		Gravel	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	88					
1154	Main Street	Muskoka Road S	First Street S	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$29,000	36	
1254	Main Street	First Street S	Bethune Drive S	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	67	PR	6-10 years	\$31,000	31	
1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$40,000	27	
1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	adeq	resurface	6-10 years	Asphalt	gravel	adeq	8	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$42,000	22	
1131	Maple Heights Drive	Maple Heights Road	End	0.3	250	adeq	adequate		Asphalt	asphalt	adeq	7.5	7	adeq	adeq	adeq	storm sewer	adeq	85					
1132	Maple Heights Drive	Maple Heights Road	End	0.1	20	adeq	adequate		Asphalt	asphalt	adeq	7.5	7	adeq	adeq	adeq	storm sewer	adeq	89					
1133	Maple Heights Road	Muskoka Beach Road	Maple Heights Drive	0.1	200	adeq	adequate		Asphalt	asphalt	adeq	7.5	7	adeq	adeq	adeq	storm sewer	adeq	82					
1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	165	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$31,000	17	
1309	Margaret Street	George Beard Lane	Clarence Street	0.1	150	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	6-10	82					
1348	Marshall Drive	Sniders Bay Road	End	0.4	150	adeq	adequate		Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	1-5	84	WR				
1275	Mary Street N	Bay Street	Hughson Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	77	PR	6-10 years	\$25,000	18	
1277	Mary Street N	Hughson Street	Brown Street	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	adeq	82					
1278	Mary Street N	Brown Street	Peter Street	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	6.5	7	0.50	adeq	adeq	storm sewer	1-5	95	WR				
1279	Mary Street N	Peter Street	Isaac Street	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	6.5	7	0.50	adeq	adeq	storm sewer	adeq	95	WR				
1280	Mary Street N	Isaac Street	George Street	0.1	500	adeq	adequate		Asphalt	asphalt	adeq	6.5	7	0.50	adeq	adeq	storm sewer	adeq	87	WR				
1281	Mary Street N	George Street	Winewood Avenue W	0.1	600	adeq	adequate		Asphalt	asphalt	adeq	6.5	7	0.50	adeq	adeq	storm sewer	adeq	87	WR				
1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	20	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.3	6	adeq	adeq	adeq	no ditch	now	62	PR	1-5 years	\$25,000	28	
1283	Mary Street N	Farquhar Street	Wagner Street	0.1	10	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.3	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$30,000	25	
1276	Mary Street S	Hotchkiss Street	Sharpe Street W	0.1	10	adeq	adequate		Asphalt	surface treated	adeq	8.2	6	adeq	adeq	adeq	no ditch	1-5	87					
1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	55	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$31,000	21	
1284	Matts Road	Muskoka Beach Road	End	0.3	20	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	76	WR				
1006	Mcaulay Road	Benzinger Road	Fire Route 11C	0.2	40	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	86	WR				
1220	Mcaulay Road	Fire Route 11C	Fire Route 11D	0.1	12	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	74	WR				
1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	50	adeq	rehabilitate	now	Surface Treated	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	45	BS	now	\$120,000	34	
2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	5	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	53	PR	now	\$13,000	26	
1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	250	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	open ditch	1-5	53	PR	now	\$13,000	28	
1730	McDonald Road	Sophers Landing Road	150 m W of Sophers Landing Road	0.2	250	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	open ditch	6-10	88	WR				
1189	McKenzie Street	Catherine Street W	Palmer Drive	0.2	300	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	storm sewer	adeq	87					

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification						Geometrics													Improvement			Priority Rating			
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition			Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI		Type	Time	Value
						need	adeq	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1285	Mcneice Laneway	Brown Street	End	0.1	300	adeq	adequate		Gravel	surface treated	now	4	6	2.00	0.50	adeq	no ditch	now	67	WR					
1286	McPherson Street	Readman Street	End	0.0	124	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	sewer & ditch	1-5	69	PR	1-5 years	\$10,000	25		
1287	McPherson Street	Readman Street	Private Street	0.1	90	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	sewer & ditch	6-10	79	PR	6-10 years	\$20,000	17		
1363	McPherson Street	Private Street	Bakery Lane	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$27,000	25		
1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	68	PR	1-5 years	\$49,000	27		
1148	Merkley Road	Barkway Road	Fire Route A1	1.6	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	45	PR	1-5 years	\$215,000	39		
1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	50	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	44	BS	now	\$80,000	38		
1150	Merkley Road	770m E of Hopkins Road	Lewisham Road	0.7	80	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	73						
1697	Merkley Road	Hopkins Road	770m E of Hopkins Road	0.8	80	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100						
1191	Mitchell Road	Highway 11 N (1st Intersection)	643m N of Highway 11 N (1st Intersection)	0.6	40	adeq	adequate		Gravel	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	1-5	71	WR					
1190	Moody Drive	Bethune Drive N	End	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$26,000	13		
1186	Muriel Crescent	Sniders Bay Road	Booth Lane	1.4	210	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	95						
1187	Muriel Crescent	Booth Lane	1166 Muriel Crescent	0.2	40	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	1-5	79	WR					
1188	Muriel Crescent	1166 Muriel Crescent	End	0.2	310	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	1-5	79	WR					
1655	Muskoka Bay Boulevard	North Muldrew Lake Road	Westwind Court	0.2	310	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	100						
1656	Muskoka Bay Boulevard	Westwind Court	Baypoint Court	0.1	160	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	95						
1657	Muskoka Bay Boulevard	Baypoint Court	End	0.1	160	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	95						
1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	160	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$51,000	19		
1413	Musquash Road	Revell Street	467m W of Revell Street	0.5	310	adeq	adequate		Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	82						
1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$65,000	16		
1415	Musquash Road	Private Street	Pearl Drive	0.1	415	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	90	WR					
1416	Musquash Road	240m NW of Pearl Drive	Muskoka Road 169	0.4	400	adeq	adequate		Asphalt	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	89	WR					
1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	210	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	52	PR	1-5 years	\$90,000	41		
1702	Musquash Road	Pearl Drive	240m NW of Pearl Drive	0.2	150	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	78	WR					
1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	150	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	68	PR	1-5 years	\$119,000	30		
1345	Narrows Road	Bear Bay Road	South Sunset Bay Road	0.3	50	adeq	adequate		Surface Treated	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	82						
1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	300	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$255,000	28		
1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$40,000	26		
1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	30	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$108,000	22		
1690	Narrows Road	675m SE of Lawland Heights Road	End	0.4	850	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	68						
1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	820	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	6-10	76	PR	6-10 years	\$34,000	21		
1353	Nesbitt Road	Sophers Landing Road	End	0.3	500	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	85	WR					
1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	455	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	51	PR	now	\$30,000	28		
1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	360	adeq	resurface	1-5 years	surface treated	asphalt	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	53	PR	1-5 years	\$48,000	51		
1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	340	adeq	resurface	1-5 years	Surface Treated	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$195,000	38		
1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	455	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	50	PR	1-5 years	\$223,000	48		
1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	148	adeq	reconstruct	now	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	35	REC	now	\$78,000	61		
1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	1500	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	75	PR	6-10 years	\$18,000	22		
1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	3980	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	49	BS	now	\$216,000	45		
1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	1500	adeq	resurface	6-10 years	surface treated	surface treated	adeq	6	6	adeq	adeq	adeq	sewer & ditch	6-10	77	PR	6-10 years	\$14,000	22		
1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	750	adeq	reconstruct	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	37	REC	now	\$366,000	46		
1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	3985	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$91,000	49		
1288	North Muldrew Lake Road	Blueberry Lane	James Street	0.0	534	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	100						
1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	450	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	52	PR	1-5 years	\$223,000	60		
1290	North Muldrew Lake Road	Ritchie Avenue	Peninsula Road	0.3	150	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	93						
1362	North Muldrew Lake Road	Bay Street	Blueberry Lane	0.1	1800	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	94						
1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	150	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$127,000	46		

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification						Deficiencies & Improvements													Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	190	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$452,000	44
1419	North Muldrew Lake Road	Pinetree Road	Whippoorwill Road	0.7	534	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	61	WR			
1665	North Muldrew Lake Road	James Street	Muskoka Bay Boulevard	0.3	20	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	1-5	89				
1704	North Muldrew Lake Road	Whippoorwill Road	900m SW of Whippoorwill Road	0.9	180	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	68	WR			
1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	180	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$29,000	39
2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	30	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	64	PR	1-5 years	\$117,000	35
1735	North Muldrew Lake Road	200m South of Carrick Trail	Ritchie Avenue	0.7	100	adeq	adequate		asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	90				
1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	613	adeq	resurface	6-10 years	surface treated	gravel	adeq	4.3	6	1.70	adeq	adeq	no ditch	now	72	PR	6-10 years	\$10,000	16
1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	35	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$113,000	22
1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	8	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$6,000	16
1347	North Sunset Bay Road	Narrows Road	End	0.8	50	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	59	PR	now	\$64,000	24
1192	Oakwood Drive	Muskoka Beach Road	End	0.2	150	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	89				
1468	Old Muskoka Road	Muskoka Road N	Muskoka Beach Road	0.3	101	adeq	adequate		Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	adeq	86				
1272	Old Portage Road	Brydons Bay Road	End	0.6	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	61	PR	1-5 years	\$81,000	23
1273	Old Stone Road	Southwood Road	200 m E of Southwood Road	0.2	50	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	76	WR			
1012	Oneida Avenue	Muskoka Beach Road	End	0.1	150	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	open ditch	6-10	87	WR			
1193	Oriole Crescent	Islander Drive	End	0.2	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	1-5	59	PR	1-5 years	\$62,000	31
1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	now	58	PR	1-5 years	\$168,000	29
1228	Osprey Drive	Loon Lake Road-N4	Merganser Lane	0.5	40	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	84	WR			
1664	Osprey Drive	Merganser Lane	Turtle Lake Road	0.0	150	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	6-10	80	WR			
1470	Palmer Drive	Muskoka Beach Road	Alexander Street	0.1	100	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	1-5	90				
1471	Palmer Drive	Alexander Street	Douglas Street	0.1	386	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	1-5	89				
1472	Palmer Drive	Douglas Street	Mckenzie Street	0.2	300	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	1-5	80				
1473	Palmer Drive	Mckenzie Street	End	0.1	250	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	storm sewer	6-10	90				
1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$75,000	16
1194	Parkers Point Road	Eppy Lane	End	0.6	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	72	PR	6-10 years	\$95,000	19
1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	150	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$117,000	27
1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	30	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	69	PR	1-5 years	\$31,000	27
1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$79,000	24
1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	30	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$33,000	20
1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$23,000	17
1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	127	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$19,000	19
1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	25	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	55	PR	1-5 years	\$22,000	26
1196	Parkholme Road	Road 5400	End	0.3	100	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	48	PR	now	\$17,000	29
1682	Pasture Lane	Graham Road	End	0.5	100	adeq	adequate		surface treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	84				
1457	Pearl Drive	Musquash Road	End	0.1	150	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	6-10	95				
1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	240	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	45	PR	1-5 years	\$438,000	39
1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	240	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$42,000	12
1221	Peninsula Road	254m S of Juniper Drive (Fork 2)	Deepwater Drive	1.1	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$176,000	16
1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	67	PR	6-10 years	\$55,000	23
1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$156,000	20
2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	700	adeq	rehabilitate	now	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	48	BS	now	\$1,048,000	43
1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	700	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	76	PR	6-10 years	\$107,000	20
1556	Peter Street	Muskoka Road N	John Street N	0.1	269	adeq	adequate		Asphalt	surface treated	adeq	7.9	6	adeq	adeq	adeq	storm sewer	6-10	81				
1557	Peter Street	John Street N	Mary Street N	0.1	270	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.6	6	adeq	0.50	adeq	storm sewer	1-5	79	PR	6-10 years	\$170,000	16
1558	Peter Street	Mary Street N	Sarah Street N	0.1	270	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	57	PR	1-5 years	\$163,000	32

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1389	Phillip Street E	Muskoka Road S	First Street S	0.1	30	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	0.50	adeq	storm sewer	6-10	82				
1391	Phillip Street E	First Street S	Bethune Drive S	0.1	500	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	86				
1392	Phillip Street E	Bethune Drive S	Third Street	0.1	30	adeq	adequate		Asphalt	asphalt	adeq	6.4	7	0.60	adeq	adeq	storm sewer	6-10	81	WR			
1393	Phillip Street E	Third Street	Fourth Street	0.1	30	adeq	adequate		Asphalt	asphalt	adeq	6.4	7	0.60	adeq	adeq	storm sewer	6-10	82	WR			
1394	Phillip Street E	Fourth Street	Sixth Street	0.1	30	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.4	7	0.60	adeq	adeq	storm sewer	now	67	R	6-10 years	\$159,000	28
1395	Phillip Street E	Sixth Street	End	0.0	80	adeq	adequate		Asphalt	surface treated	adeq	4	6	2.00	0.50	adeq	storm sewer	6-10	88	WR			
1390	Phillip Street W	Muskoka Road S	John Street S	0.1	80	adeq	adequate		Asphalt	asphalt	adeq	9.5	7	adeq	adeq	adeq	storm sewer	1-5	86				
1386	Picard Lane	252m W of Picard Lane (Ramp To Highway 11)	North Xavier Street	0.3	5	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	80	WR			
1712	Picard Lane	North Xavier Street	End	0.1	400	adeq	adequate		Gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	74	WR			
1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$55,000	22
1382	Pine Lake Road	Muskoka Road 169	Road 1000	0.3	200	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	70	WR			
1381	Pine Street	Muskoka Beach Road	175m W of Muskoka Beach Road	0.2	250	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	86				
1720	Pine Street	175m W of Muskoka Beach Road	End	0.1	350	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	100				
1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	1100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$58,000	19
1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	1078	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	58	PR	1-5 years	\$38,000	33
1692	Pinedale Lane	160m of Arnes Drive	End	0.1	850	adeq	resurface	now	Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	51	PR	now	\$17,000	39
1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	800	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.7	6	0.30	adeq	adeq	no ditch	now	53	PR	1-5 years	\$89,000	39
1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	800	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$91,000	41
1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	400	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$42,000	28
1463	Pinedale Road	Kelly Drive	Third Street	0.1	350	adeq	adequate		Asphalt	asphalt	adeq	7.3	6	adeq	adeq	adeq	storm sewer	1-5	84				
1464	Pinedale Road	Third Street	Pinegrove Street	0.1	253	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	now	75	PR	6-10 years	\$139,000	28
1465	Pinedale Road	Pinegrove Street	Rayner Street	0.0	250	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	storm sewer	6-10	90				
1466	Pinedale Road	Rayner Street	Pinedale Lane	0.3	250	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	87				
1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$51,000	46
1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	250	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	1-5	56	PR	1-5 years	\$21,000	39
1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	now	72	PR	6-10 years	\$38,000	23
1292	Pinegrove Street	Pinedale Road	Crescent Drive	0.1	500	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	6-10	93				
1293	Pinegrove Street	Crescent Drive	Kingswood Drive	0.2	500	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	94				
1294	Pinegrove Street	Kingswood Drive	Park Lane	0.1	300	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	95				
1295	Pinegrove Street	Park Lane	Fairview Drive	0.1	500	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	86				
1185	Pineridge Gate	Woodmans Chart	Springwood Crescent	0.2	1000	adeq	adequate		Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	6-10	87				
1205	Pineridge Gate	Red Maple Court	Hedgewood Lane	0.1	3000	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	91				
1206	Pineridge Gate	Pineridge Gate	End	0.1	3240	adeq	adequate		Asphalt	asphalt	adeq	7.9	7	adeq	adeq	adeq	storm sewer	adeq	90				
1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$38,000	19
1268	Pineridge Gate	Springwood Crescent	Pineridge Gate	0.2	500	adeq	adequate		Asphalt	asphalt	adeq	7.9	7	adeq	adeq	adeq	storm sewer	adeq	93				
1338	Pineridge Gate	Hahne Drive	Fairview Drive	0.1	700	adeq	adequate		Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	89				
1373	Pineridge Gate	Kelly Drive	Hahne Drive	0.1	150	adeq	adequate		Asphalt	asphalt	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	89				
1374	Pineridge Gate	Bethune Drive S	Kelly Drive	0.0	100	adeq	adequate		Asphalt	asphalt	adeq	8.5	6	adeq	adeq	adeq	open ditch	1-5	94				
1375	Pineridge Gate	Hedgewood Lane	Woodmans Chart	0.1	20	adeq	adequate		Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	6-10	97				
1376	Pineridge Gate	Woodmans Chart	Woodmans Chart 160m W of Springwood Crescent	0.2	150	adeq	adequate		Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	adeq	83				
1571	Pineridge Gate	Fairview Drive	Hedgewood Lane	0.2	200	adeq	adequate		Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	6-10	80				
1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$136,000	31
1297	Pinetree Road-S1	Pinetree Road	1658m NW of Pinetree Road	1.7	20	adeq	adequate		Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	100				
1699	Pinetree Road-S1	1658m NW of Pinetree Road	End	0.5	50	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	85	WR			
15	Post Office Road	Kilworthy Road	100m S of Kilworthy Road	0.3	100	adeq	adequate		Surface Treated	gravel	adeq	7.1	6	adeq	adeq	adeq	open ditch	adeq	100				
1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	1-5	75	PR	6-10 years	\$426,000	20
1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$29,000	25

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time		Value
						need	adeq	need	adeq	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing					
1474	Priault Road	Highway 11 S	End	0.1	250	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	60					
1475	Private Street	Mcperson Street	End	0.1	250	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	60	PR	1-5 years	\$8,000	25	
1476	Private Street	Mcperson Street	Musquash Road	0.2	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	72	PR	6-10 years	\$46,000	19	
1477	Progress Road	Industrial Drive	Jones Road	0.5	100	adeq	rehabilitate	now	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$155,000	44	
1013	Rainbow Cl	Highway 11 S	Sparrow Lake Route D	0.4	332	adeq	adequate		Asphalt	gravel	adeq	8	6	adeq	adeq	adeq	open ditch	adeq	95					
1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	120	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.2	6	adeq	adeq	adeq	open ditch	1-5	69	PR	1-5 years	\$115,000	26	
1014	Rainbow Cl (Over Pass)	Highway 11 N	Highway 11 S	0.0	120	adeq	adequate		Asphalt	gravel	adeq	7.2	6	adeq	adeq	adeq	other	adeq	100					
1230	Rayner Street	David Street	Pinedale Road	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	67	PR	6-10 years	\$28,000	23	
1231	Readman Street	Muskoka Road 169	Mcperson Street	0.1	75	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	83					
1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	30	adeq	rehabilitate	now	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	42	BS	now	\$197,000	51	
1233	Reay Road	Little Norway Lane	Elzner Road	2.5	4	adeq	rehabilitate	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	43	BS	now	\$504,000	40	
1234	Reay Road	Elzner Road	End	1.0	10	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	34	REC	now	\$690,000	47	
1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	69	PR	1-5 years	\$153,000	27	
1384	Red Maple Court	Pineridge Gate	End	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	7.9	7	adeq	adeq	adeq	storm sewer	adeq	100					
1478	Redwing Drive-N3	Loon Lake Road	1250 m SE of Loon Lake Road	1.3	200	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	1-5	63	WR				
1385	Reg Schell Road	1029 Reg Schell Road	End	0.7	168	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100					
1687	Reg Schell Road	Southwood Road	1029 Reg Schell Road	0.3	150	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100					
1479	Revell Street	Musquash Road	Dungey Street	0.2	80	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	81					
1480	Revell Street	Dungey Street	End	0.2	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	51	PR	1-5 years	\$35,000	30	
1155	Ridge Road	John Street S	285 Ridge Road	0.2	20	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	95					
1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	10	adeq	rehabilitate	now	surface treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	now	43	BS	now	\$72,000	43	
1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	10	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	39	REC	now	\$825,000	45	
1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	54	PR	1-5 years	\$37,000	31	
1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	100	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	40	BS	now	\$31,000	37	
1696	Riley Lake Road	351m E of Fire Route 6D	End	0.2	600	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	1-5	74	WR				
1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	53	PR	1-5 years	\$48,000	25	
1492	Road 7000	Kilworthy Road	End	0.3	10	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	47	PR	now	\$22,000	28	
1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	12	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	72	PR	6-10 years	\$59,000	19	
1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	25	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	1-5	54	PR	1-5 years	\$42,000	32	
1495	Royal Street	Muskoka Road S	First Street S	0.1	100	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.2	7	adeq	adeq	adeq	storm sewer	adeq	79	R	6-10 years	\$37,000	21	
1496	Royal Street	First Street S	Second Street S	0.1	100	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	10.1	7	adeq	adeq	adeq	storm sewer	6-10	68	R	6-10 years	\$24,000	25	
1546	Ruttans Road E	Houseys Rapids Road	End	0.6	73	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	now	60	WR				
1547	Ruttans Road W	Houseys Rapids Road	1000m W of Houseys Rapids Road	1.0	25	adeq	adequate		Gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	1-5	79	WR				
1666	Ruttans Road W	1100 W of Houseys Rapids Road	End	0.7	900	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	1-5	67	WR				
1669	Ruttans Road W	1000m W of Houseys Rapids Road (+/Slope)	100m W of Houseys Rapids Road (b/slope)	0.1	900	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	now	47	PR	now	\$8,000	29	
1548	Sabre Lane	Gravenhurst Parkway	End	0.2	997	adeq	adequate		Asphalt	gravel	adeq	6.2	6	adeq	adeq	adeq	no ditch	1-5	83					
1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	850	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$223,000	20	
1501	Sam Cook Road	Fire Route 20C	Bell Road	0.9	800	adeq	adequate		Gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	6-10	78	WR				
1502	Sam Cook Road	Bell Road	Fire Route 20G	0.7	800	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	81	WR				
1444	Sarah Street N	Bay Street	Hughson Street	0.1	800	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.1	6	adeq	adeq	adeq	storm sewer	6-10	76	PR	6-10 years	\$22,000	27	
1445	Sarah Street N	Brown Street	Brown Street	0.1	750	adeq	adequate		Asphalt	asphalt	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	81					
1446	Sarah Street N	Brown Street	Peter Street	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	now	70	R	6-10 years	\$159,000	34	
1447	Sarah Street N	Peter Street	Isaac Street	0.1	500	adeq	adequate		Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	adeq	84					
1448	Sarah Street N	Isaac Street	George Street	0.1	200	adeq	adequate		Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	adeq	80					
1449	Sarah Street N	George Street	Winewood Avenue W	0.1	200	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	6-10	66	R	6-10 years	\$22,000	37	
1450	Sarah Street N	Winewood Avenue W	Farquhar Street	0.1	200	adeq	adequate		Asphalt	asphalt	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	96					
1451	Sarah Street N	Farquhar Street	Wagner Street	0.1	100	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	94					

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	200	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$24,000	23
1426	Second Street S	Brock Street	Royal Street	0.1	55	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	17.3	7	adeq	adeq	adeq	storm sewer	now	66	R	6-10 years	\$178,000	33
1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	400	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	59	PR	1-5 years	\$155,000	32
1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	78	PR	6-10 years	\$30,000	17
1372	Sedore Road	Ure Road	Beiers Road	1.8	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	71	PR	6-10 years	\$428,000	23
1428	Sedore Road	Highway 11 N	Luigi Road	0.1	55	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$16,000	24
1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	55	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	no ditch	6-10	74	PR	6-10 years	\$16,000	20
1625	Sedore Road (overpass)	Sedore Road	Sedora Road	0.1	20	adeq	adequate		asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	other	adeq	89				
1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	49	PR	1-5 years	\$303,000	32
1337	Segwun Boulevard	Lorne Street	Oriole Crescent	0.1	55	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	storm sewer	6-10	96				
1667	Segwun Boulevard	Oriole Crescent	Waome Lane (future road)	0.4	150	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	storm sewer	1-5	87				
1668	Segwun Boulevard	Waome Lane (future road)	End	0.1	150	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	storm sewer	6-10	87				
1305	Severn River Road	Southwood Road	East Severn River Road	0.5	600	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	80	PR	6-10 years	\$81,000	13
1306	Severn River Road	East Severn River Road	End	0.8	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$128,000	24
1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	500	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$60,000	21
1307	Shady Lane	Muskoka Road 169	Road 6000	0.1	711	adeq	adequate		Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	86				
1429	Shady Lane	Road 6000	Silver Birch Road	0.9	10	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.3	6	0.70	adeq	adeq	open ditch	now	40	BS	now	\$173,000	37
1325	Shamrock Marina Road	Renee Drive	End	0.4	40	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	100				
1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$124,000	35
1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	50	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.6	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$38,000	24
1564	Sharpe Street E	First Street S	End	0.0	175	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	86				
1179	Sharpe Street W	John Street S	Mary Street S	0.1	150	adeq	adequate		Asphalt	surface treated	adeq	8.2	6	adeq	adeq	adeq	no ditch	1-5	87				
1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	50	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.6	7	adeq	adeq	adeq	storm sewer	6-10	69	R	6-10 years	\$38,000	32
1565	Shoreline Drive	Sniders Bay Road	End	0.6	15	adeq	adequate		Gravel	gravel	adeq	2.5	6	3.50	adeq	adeq	no ditch	1-5	81	WR			
1387	Silver Birch Road	Damin Road	Pudden Road	0.2	15	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	74	PR	6-10 years	\$29,000	16
1388	Silver Birch Road	Pudder Road	End	0.2	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	58	PR	1-5 years	\$26,000	25
1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$26,000	15
1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	50	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	44	BS	now	\$386,000	43
1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	49	PR	1-5 years	\$158,000	38
1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	6-10	64	PR	1-5 years	\$8,000	22
1441	Silver Lake Road	Road 1400	186m Loop to Road 1400	0.2	124	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	71	WR			
1442	Silver Lake Road	Road 1400	100m Northwest (bottom of hill)	0.1	40	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	0.25	adeq	no ditch	6-10	88	WR			
1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	140	adeq	reconstruct	now	surface treated	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	now	38	REC	now	\$69,000	46
1741	Silver Lake Road	200m NW of Road 1400 (Top of Hill)	End	1.0	130	adeq	adequate		gravel	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	1-5	74	WR			
1566	Simpson Road	Bethune Drive N	End	0.5	162	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	59	PR	1-5 years	\$110,000	24
1568	Sixth Street	Phillip Street E	David Street	0.3	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	59	PR	1-5 years	\$70,000	28
1569	Sixth Street	David Street	End	0.3	150	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.7	6	0.30	adeq	adeq	no ditch	now	65	PR	1-5 years	\$55,000	22
1422	Smith Road	Southwood Road	Rattlesnake Road	0.1	80	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	76	WR			
1423	Smith Road	Rattlesnake Road	End	0.1	80	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	91	WR			
1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	250	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	42	BS	now	\$160,000	42
1482	Sniders Bay Road	Sniders Bay Road	End	0.5	250	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	49	PR	1-5 years	\$57,000	31
1673	Sniders Bay Road	Muskoka Road 169	1017 Sniders Bay Road	0.2	200	adeq	adequate		Asphalt	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	100	WR			
1676	Sniders Bay Road	1017 Sniders Bay Road	1037 Sniders Bay Road	0.2	200	adeq	adequate		Asphalt	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	6-10	100	WR			
1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	221	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$22,000	29
1398	Sophers Landing Road	Nesbitt Road	McDonald Road	0.2	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$26,000	22
1399	Sophers Landing Road	Sophers Landing Road	End	0.4	450	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$65,000	31
1452	South Bay Road	South Kahshe Lake Road	591m N of South Kahshe Lake Road	0.6	405	adeq	adequate		Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	6-10	88	WR			

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																				Improvement				Priority Rating	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition			Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time		Value
						need	adeq	need	adeq	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	290	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	adeq	no ditch	now	54	PR	now	\$13,000	30	
1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	230	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	68	PR	1-5 years	\$40,000	26		
1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	1.0	210	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	64	PR	1-5 years	\$141,000	30		
1663	South Kahshe Lake Road	1187 S Kahshe Lake Road	844m NE of 1187 S Kahshe Lake Road	0.8	150	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	6-10	78						
1675	South Kahshe Lake Road	200 m E of South Bay Road	1187 S Kahshe Lake Road	0.7	150	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	89						
1705	South Kahshe Lake Road	South Bay Road	S297m E of South Bay Road	0.2	150	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	80						
1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	69	PR	6-10 years	\$44,000	23		
1456	South Morrison Lake Road	Southwood Road	Evanswood Drive	0.4	40	adeq	adequate		Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	80						
1575	South Morrison Lake Road	Evanswood Drive	Green Place Road	0.6	12	adeq	adequate		Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	100						
1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	165	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$12,000	32		
1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$27,000	32		
1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$40,000	23		
1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$77,000	19		
1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	514	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$200,000	35		
1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	60	PR	1-5 years	\$115,000	30		
1407	South Muldrew Lake Road	Road 2000	End	0.2	200	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	0.50	adeq	no ditch	now	68	WR					
1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	300	adeq	resurface	now	Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	56	PR	now	\$10,000	26		
1733	South Muldrew Lake Road	853m N of Southwood Road	1144 South Muldrew Lake Road	0.4	300	adeq	adequate		Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	66	WR					
1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	1772	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$43,000	21		
1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	400	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	53	PR	1-5 years	\$46,000	26		
1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.3	6	1.70	adeq	adeq	no ditch	now	66	PR	6-10 years	\$34,000	26		
1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	150	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	67	PR	1-5 years	\$20,000	26		
1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	60	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	67	PR	1-5 years	\$236,000	32		
1585	Sparrow Lake Route D	Elderberry Lane	Sparrow Lake Route D	1.0	200	adeq	adequate		Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	89						
1586	Sparrow Lake Route D	Southwood Road	Elderberry Lane	1.8	100	adeq	adequate		Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	89						
1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	10	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$16,000	33		
1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$130,000	19		
1651	Steamship Bay Road	Bay Street	Wharf Road	0.3	60	adeq	adequate		Asphalt	asphalt	adeq	8.1	7	adeq	adeq	adeq	storm sewer	adeq	94						
1670	Steamship Bay Road	Wharf Road	Muskoka Road 169	0.2	50	adeq	adequate		Asphalt	asphalt	adeq	8.1	7	adeq	adeq	adeq	storm sewer	1-5	94						
1587	Stevenson Road	Southwood Road	End	0.0	100	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	86	WR					
1455	Stonehedge Close	Hedgewood Lane	End	0.2	100	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	1-5	84						
1497	Sunny Lake Road	Silver Lake Road	End	1.3	2500	adeq	adequate		Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	65	WR					
1424	Sunshine Court	Muskoka Road 169	Silver Birch Road	0.1	5557	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	84						
1589	Sunshine Court	Silver Birch Road	Lakeshore Drive	0.2	30	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	94						
1590	Sunshine Court	Lakeshore Drive	End	0.1	100	adeq	adequate		Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	94						
1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$49,000	20		
1592	Sutherland Way (South Branch)	Alana Boulevard	End	0.1	200	adeq	adequate		Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	80						
1588	Talbot Trail	Alana Boulevard	End	0.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	65	PR	6-10 years	\$22,000	22		
1594	Talbot Trail	Graham Road	Joseph Pl	0.1	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$18,000	22		
1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$46,000	19		
1596	Talisman Drive	114m S of Muskoka Road S	End	0.2	200	adeq	adequate		Asphalt	asphalt	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	94						
1694	Talisman Drive	Muskoka Road S	114m S of Muskoka Road S	0.1	100	adeq	adequate		Asphalt	asphalt	adeq	14	7	adeq	adeq	adeq	storm sewer	adeq	97						
1593	Taverner Road	Doe Lake Road	End	0.4	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$54,000	15		
1570	Thain Street E	Muskoka Beach Road	Wellington Street	0.1	200	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	1-5	87						
1143	Thain Street W	Freeland Drive	End	0.0	40	adeq	adequate		Asphalt	asphalt	adeq	8	7	adeq	adeq	adeq	storm sewer	adeq	89						
1602	Thain Street W	Muskoka Beach Road	Kingbrook Court	0.1	50	adeq	adequate		Asphalt	asphalt	adeq	8.4	7	adeq	adeq	adeq	storm sewer	adeq	91						

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Deficiencies & Improvements - By Road Section

Road Section Identification																				Improvement				Priority Rating	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition			Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time		Value
						need		need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1603	Thain Street W	Kingbrook Court	Freeland Drive	0.1	60	adeq	adequate		Asphalt	asphalt	adeq	8.4	7	adeq	adeq	adeq	storm sewer	adeq	82						
1562	Theatre Road	Gravenhurst Pkwy	End	0.2	93	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$54,000	12		
1420	Third Street	Phillip Street E	Bishop Street	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	68	PR	6-10 years	\$24,000	25		
1563	Third Street	Phillip Street E	End	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	61	PR	1-5 years	\$11,000	30		
1597	Third Street	Pinedale Road	End	0.2	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$41,000	25		
1604	Third Street	Bishop Street	David Street	0.1	300	adeq	adequate		Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	82						
1605	Third Street	David Street	Pinedale Road	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$23,000	29		
1611	Thomas Road	Barkway Road (1st Intersection)	450m E of Barkway Road (1st Intersection)	0.5	200	adeq	adequate		Gravel	gravel	adeq	3.3	6	2.70	adeq	adeq	open ditch	1-5	72	WR					
1421	Tiffany Trail	Evans Avenue W	End	0.2	120	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	83						
1340	Tomingas Road	Bird Haven Way	End	1.0	500	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	28	REC	now	\$773,000	45		
1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	500	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$147,000	29		
1613	Tower Crescent	1701 Highway 11 S	End	0.6	500	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$92,000	24		
1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	500	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$75,000	34		
1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	69	PR	6-10 years	\$25,000	21		
1622	Tryon Drive	South Kahshe Lake Road	Hastings Drive	0.2	100	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	87						
1629	Tryon Drive	Hastings Drive	Erins Way	0.2	400	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$61,000	17		
1630	Tryon Drive	Erins Way	North Kahshe Lake Road	1.1	400	adeq	adequate		Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	85						
1632	Twigs End	Hedgewood Lane	End	0.1	750	adeq	adequate		Asphalt	surface treated	adeq	8.1	6	adeq	adeq	adeq	no ditch	1-5	88						
1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	68	PR	1-5 years	\$74,000	31		
1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.8	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$150,000	22		
1461	Veterans Way	First Street S	Bethune Drive S	0.1	500	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	80						
1634	Victoria Street	Muskoka Road N	First Street N	0.1	100	adeq	adequate		Asphalt	surface treated	adeq	8	6	adeq	0.50	adeq	sewer & ditch	6-10	90						
1606	Vincent Avenue	Muskoka Road N	Robinson Avenue	0.1	200	adeq	adequate		Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	89						
1607	Vincent Avenue	Robinson Avenue	Lakeview Avenue	0.1	100	adeq	adequate		Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	86						
1609	Violet Street	Muskoka Road S	First Street S	0.1	30	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$32,000	19		
1610	Violet Street	First Street S	Bethune Drive S	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	76	PR	6-10 years	\$33,000	22		
1614	Wagner Street	John Street N	Lorne Street	0.3	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	78	PR	6-10 years	\$85,000	23		
1615	Wagner Street	John Street N	Mary Street N	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	67	PR	6-10 years	\$31,000	31		
1616	Wagner Street	Mary Street N	Emma Street	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	67	PR	6-10 years	\$14,000	32		
1617	Wagner Street	Emma Street	Sarah Street N	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$14,000	33		
1618	Wagner Street	Sarah Street N	Austin Street	0.1	50	adeq	adequate		Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	88						
1619	Wagner Street	Austin Street	Louise Street	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	80	PR	6-10 years	\$160,000	16		
1620	Wagner Street	Louise Street	Gateway Drive	0.2	50	adeq	adequate		Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	6-10	80						
1621	Walker Road	Houseys Rapids Road	End	0.7	20	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	6-10	82	WR					
1430	Walton Road	Old Muskoka Road	Lofty Pines Drive	0.2	50	adeq	adequate		Asphalt	surface treated	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	96	WR					
1427	Wanda Miller Road	Hotchkiss Street	End	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	68	PR	6-10 years	\$19,000	19		
1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	78	PR	6-10 years	\$134,000	18		
1432	Wapaska Crescent	Muskoka Road 169	30m to Wapaska Crescent Fork 1	0.0	70	adeq	adequate		Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	85						
1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	adeq	resurface	now	gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	47	PR	now	\$11,000	33		
1434	Wapaska Crescent	Wapaska Crescent Fork 1	67m E of Wapaska Crescent Fork 2	0.1	40	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	92						
1435	Wapaska Crescent	Wapaska Crescent Fork 2	End	0.1	90	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	92						
1436	Wapaska Crescent	Wapaska Crescent Fork 2	End	0.1	75	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	84						
1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	80	adeq	resurface	6-10 years	asphalt	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	66	PR	6-10 years	\$17,000	20		
1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	40	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$44,000	16		
1608	Watson Lane	Pratt Crescent	End	0.1	20	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$14,000	13		
1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$79,000	15		
1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	40	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$70,000	22		

Gravenhurst Road Needs Study 2021

Deficiencies & Improvements - By Road Section

Road Section Identification																			Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	need	timing	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$62,000	24
1661	Wellington Street	Thain Street E	End	0.2	183	adeq	adequate		Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	80				
1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	150	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	now	41	BS	now	\$83,000	35
1599	Westwind Court	Muskoka Bay Boulevard	End	0.1	200	adeq	adequate		Asphalt	asphalt	adeq	9	7	adeq	adeq	adeq	storm sewer	adeq	95				
1662	Wharf Road	Steamship Bay Road	End	0.2	557	adeq	adequate		Gravel	surface treated	now	6.5	6	adeq	adeq	adeq	no ditch	1-5	91				
1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	930	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	50	PR	1-5 years	\$60,000	33
1401	Whitehead Road	Road 3500	Road 3600	0.6	557	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	65	PR	6-10 years	\$71,000	21
1402	Whitehead Road	Road 3600	End	0.1	557	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	now	61	PR	1-5 years	\$18,000	22
1635	Wigwam Lodge Road	North Kahshe Lake Road	Oak Road	0.4	557	adeq	adequate		Gravel	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	91				
1598	Winewood Avenue W	Austin Street	End	0.1	557	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$135,000	23
1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	30	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.6	7	0.40	adeq	adeq	storm sewer	adeq	79	R	6-10 years	\$24,000	17
1639	Winewood Avenue W	John Street N	Mary Street N	0.1	30	adeq	adequate		Asphalt	asphalt	adeq	6.6	7	0.40	adeq	adeq	storm sewer	adeq	87	WR			
1640	Winewood Avenue W	Sarah Street N	Sarah Street N	0.1	80	adeq	adequate		Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	6-10	80				
1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	125	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$36,000	27
1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	100	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.2	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$253,000	23
1643	Winhara Road	Jones Road	Barnes Road	1.0	100	adeq	adequate		Asphalt	asphalt	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	100				
1644	Winhara Road	Barnes Road	100m North of Langford Drive	3.6	200	adeq	adequate		Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	100				
1645	Winhara Road	1630 Winhara Road	Kilty Switch Road	0.5	150	adeq	adequate		Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	100				
1646	Winhara Road	Kilty Switch Road	End	0.4	150	adeq	adequate		Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	100				
1683	Winhara Road	Approx 100m North of Langford Drive	1630 Winhara Road	0.1	70	adeq	adequate		Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	100				
1736	Winhara Road	approx 50m North of Bethune Drive N	500m North of Bethune Drive N	0.5	12	adeq	adequate		asphalt	asphalt	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	100				
1737	Winhara Road	Bethune Drive N	approx 50m North of Bethune Drive N	0.1	15	adeq	adequate		asphalt	asphalt	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	92				
1647	Witbeck Road	300 m W of Houseys Rapids Road	Fire Route 5A	1.1	10	adeq	adequate		Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	69	WR			
1648	Witbeck Road	Fire Route 5A	520 m N of Fire Route 5A	0.5	930	adeq	adequate		Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	71	WR			
1734	Witbeck Road	Houseys Rapids Road	300 m W of Houseys Rapids Road	0.3	930	adeq	adequate		Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	1-5	79	WR			
1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	1500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	adeq	79	PR	6-10 years	\$85,000	15
1612	Woods Hollow	Hedgewood Lane	End	0.1	30	adeq	adequate		Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	83				
				254.7																		\$37,952,000	

PR - pulverize and resurface with 1 or 2 lifts
R - resurface with 1 or 2 lifts

REC - reconstruction
WR - road widening & resurface

Appendix F: Road Priority Ratings

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	adeq	rehabilitate	now	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$192,000	82
2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	4300	adeq	rehabilitate	now	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$192,000	82
1210	First Street N	Brock Street	Harvie Street	0.1	2000	adeq	rehabilitate	now	Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	now	48	REC	now	\$219,000	70
1551	First Street S	Sharpe Street E	Phillip Street E	0.1	600	adeq	reconstruct	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	32	REC	now	\$77,000	68
1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	455	adeq	reconstruct	now	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	35	REC	now	\$78,000	61
1311	First Street S	Bishop Street	David Street	0.1	600	adeq	rehabilitate	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	45	BS	now	\$33,000	55
1553	First Street S	Phillip Street E	Bishop Street	0.1	600	adeq	rehabilitate	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	47	BS	now	\$33,000	53
1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	332	adeq	rehabilitate	now	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	42	BS	now	\$197,000	51
1517	Austin Street	Fraser Street	Lorne Street	0.1	250	adeq	reconstruct	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	40	REC	now	\$92,000	50
1234	Reay Road	Elzner Road	End	1.0	120	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	34	REC	now	\$690,000	47
1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	400	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$52,000	46
1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	300	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	46	BS	now	\$26,000	46
1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	148	adeq	reconstruct	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	37	REC	now	\$366,000	46
1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	349	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	48	BS	now	\$466,000	46
1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	150	adeq	reconstruct	now	surface treated	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	now	38	REC	now	\$69,000	46
1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	47	BS	now	\$381,000	45
1340	Tomingas Road	Bird Haven Way	End	1.0	60	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	28	REC	now	\$773,000	45
1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	150	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	39	REC	now	\$825,000	45
1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	340	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	49	BS	now	\$216,000	45
1477	Progress Road	Industrial Drive	Jones Road	0.5	300	adeq	rehabilitate	now	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	49	BS	now	\$155,000	44
1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	168	adeq	rehabilitate	now	surface treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	now	43	BS	now	\$72,000	43
1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	175	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	44	BS	now	\$386,000	43
2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	240	adeq	rehabilitate	now	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	48	BS	now	\$1,048,000	43
1304	Little Norway Lane	Reay Road	End	0.5	140	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	43	BS	now	\$100,000	42
1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	124	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	42	BS	now	\$160,000	42
1233	Reay Road	Little Norway Lane	Elzner Road	2.5	120	adeq	rehabilitate	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	43	BS	now	\$504,000	40
1549	Elzner Road	Reay Road	End	0.7	30	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	32	REC	now	\$497,000	39
1692	Pinedale Lane	160m of Arnes Drive	End	0.1	200	adeq	resurface	now	Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	51	PR	now	\$17,000	39
1120	Charles Road	Muskoka Road 169	End	1.0	50	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	39	REC	now	\$767,000	38
1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	90	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	44	BS	now	\$80,000	38
1429	Shady Lane	Road 6000	Silver Birch Road	0.9	55	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.3	6	0.70	adeq	adeq	open ditch	now	40	BS	now	\$173,000	37
1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	10	adeq	rehabilitate	now	gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	30	BS	now	\$217,000	37
1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	50	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	40	BS	now	\$31,000	37
1129	Goldfinch Court	Kilworthy Road	End	0.2	40	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	39	REC	now	\$148,000	37
1299	Juniper Drive	Peninsula Road	End	0.2	27	adeq	reconstruct	now	Surface Treated	gravel	adeq	3.3	6	2.70	adeq	adeq	no ditch	now	37	REC	now	\$147,000	36
2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	adeq	rehabilitate	now	Gravel	gravel	adeq	3	6	3.00	0.50	adeq	open ditch	now	33	BS	now	\$67,000	36
1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	40	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	now	41	BS	now	\$83,000	35
1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	55	adeq	rehabilitate	now	Surface Treated	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	45	BS	now	\$120,000	34
1339	Heron Lane	Kilworthy Road	End	0.1	10	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	36	REC	now	\$38,000	34
1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	adeq	resurface	now	gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	47	PR	now	\$11,000	33
2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	80	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	54	PR	now	\$13,000	30
2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	10	adeq	resurface	now	Gravel	gravel	adeq	6	6	adeq	0.50	adeq	open ditch	now	45	PR	now	\$623,000	29
1196	Parkholme Road	Road 5400	End	0.3	20	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	48	PR	now	\$17,000	29
1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	12	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	now	47	PR	now	\$8,000	29
1492	Road 7000	Kilworthy Road	End	0.3	10	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	47	PR	now	\$22,000	28
1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	30	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	51	PR	now	\$30,000	28

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time		Value
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	40	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	open ditch	1-5	53	PR	now	\$13,000	28
2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	20	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	53	PR	now	\$13,000	26
1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	40	adeq	resurface	now	Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	56	PR	now	\$10,000	26
1202	Hopkins Road	Merkley Road	End	0.5	10	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	53	PR	now	\$34,000	25
1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	30	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	58	PR	now	\$54,000	24
1139	Cyril Gill Drive	Road 1100	End	0.1	20	adeq	resurface	now	Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	now	56	PR	now	\$9,000	24
1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	adeq	resurface	now	Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	57	PR	now	\$23,000	24
1347	North Sunset Bay Road	Narrows Road	End	0.8	30	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	59	PR	now	\$64,000	24
1520	Bird Haven Way	Tomingas Road	End	0.2	20	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	59	PR	now	\$10,000	23
1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	1500	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	52	PR	1-5 years	\$223,000	60
1550	First Street N	Harvie Street	Church Street	0.1	1000	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	10	7	adeq	adeq	adeq	storm sewer	now	50	R	1-5 years	\$168,000	56
1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	850	adeq	resurface	1-5 years	surface treated	asphalt	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	53	PR	1-5 years	\$48,000	51
1698	James Street	John Street S	347m W of John Street S	0.4	4300	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	1-5	69	R	1-5 years	\$83,000	50
1113	Brown Street	John Street N	Mary Street N	0.1	1000	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	56	PR	1-5 years	\$163,000	50
1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	1500	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$91,000	49
1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	550	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	51	PR	1-5 years	\$356,000	48
1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	500	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	50	PR	1-5 years	\$223,000	48
1183	First Street S	David Street	Veterans Way	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	48	PR	1-5 years	\$135,000	48
1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	534	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$127,000	46
1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$51,000	46
1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	750	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$14,000	45
1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	51	PR	1-5 years	\$40,000	45
1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	450	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$452,000	44
1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	59	PR	1-5 years	\$227,000	44
1027	John Street N	George Street	Winewood Avenue W	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	62	PR	1-5 years	\$29,000	42
1239	Kilworthy Road	Kilworthy Road	End	2.0	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	51	PR	1-5 years	\$478,000	42
1184	First Street S	Veterans Way	Main Street	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	46	PR	1-5 years	\$99,000	42
1146	Fernwood Drive	James Street	Pratt Crescent	0.3	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	9	6	adeq	adeq	adeq	storm sewer	now	51	PR	1-5 years	\$415,000	42
1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	54	PR	1-5 years	\$21,000	42
1326	Lorne Street	Wagner Street	Islander Drive	0.1	713	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	60	PR	1-5 years	\$15,000	42
1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	350	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$91,000	41
1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	310	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	52	PR	1-5 years	\$90,000	41
1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	storm sewer	now	45	PR	1-5 years	\$44,000	41
1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	6.6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$24,000	40
1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	127	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	45	PR	1-5 years	\$438,000	39
1148	Merkley Road	Barkway Road	Fire Route A1	1.6	124	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	45	PR	1-5 years	\$215,000	39
1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	400	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$77,000	39
1342	Industrial Drive	Jones Road	Progress Road	0.2	600	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	now	61	PR	1-5 years	\$52,000	39
1516	Austin Street	Wagner Street	Fraser Street	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	53	PR	1-5 years	\$25,000	39
1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	350	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	1-5	56	PR	1-5 years	\$21,000	39
1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	190	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$29,000	39
1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.7	6	0.30	adeq	adeq	no ditch	now	53	PR	1-5 years	\$89,000	39
1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$728,000	39
1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	49	PR	1-5 years	\$158,000	38
1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	56	PR	1-5 years	\$202,000	38
1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	45	PR	1-5 years	\$48,000	38
1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	820	adeq	resurface	1-5 years	Surface Treated	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$195,000	38

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	600	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$38,000	38
1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	46	PR	1-5 years	\$33,000	37
1060	George Street	Mary Street N	Sarah Street N	0.1	140	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	50	PR	1-5 years	\$31,000	37
1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	54	PR	1-5 years	\$101,000	36
1154	Main Street	Muskoka Road S	First Street S	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$29,000	36
1044	John Street N	Peter Street	Isaac Street	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	68	PR	1-5 years	\$29,000	36
1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	57	PR	1-5 years	\$164,000	36
1066	Golf Club Road	Hoc-Roc Drive	End	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	49	PR	1-5 years	\$39,000	35
2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	534	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	64	PR	1-5 years	\$117,000	35
1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$124,000	35
1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	56	PR	1-5 years	\$26,000	35
1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$200,000	35
1317	Henry Island Road	Muskoka Road N	End	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.7	6	0.30	adeq	adeq	open ditch	now	50	PR	1-5 years	\$40,000	35
1215	George Street	Muskoka Road N	John Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	54	PR	1-5 years	\$31,000	34
1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	50	PR	1-5 years	\$75,000	34
1029	John Street N	Farquhar Street	Wagner Street	0.1	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$31,000	34
1059	George Street	John Street N	Mary Street N	0.1	140	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	54	PR	1-5 years	\$31,000	34
1312	First Street S	Main Street	Violet Street	0.2	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$40,000	34
1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$31,000	33
1617	Wagner Street	Emma Street	Sarah Street N	0.1	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$14,000	33
1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	58	PR	1-5 years	\$38,000	33
1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$16,000	33
1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	50	PR	1-5 years	\$60,000	33
1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	60	PR	1-5 years	\$203,000	32
1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$24,000	32
1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	290	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$12,000	32
1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	514	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	67	PR	1-5 years	\$236,000	32
1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	230	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$27,000	32
1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	59	PR	1-5 years	\$155,000	32
1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	55	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	49	PR	1-5 years	\$303,000	32
1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	1-5	54	PR	1-5 years	\$42,000	32
1558	Peter Street	Mary Street N	Sarah Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	57	PR	1-5 years	\$163,000	32
1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	45	PR	1-5 years	\$51,000	32
1399	Sophers Landing Road	Sophers Landing Road	End	0.4	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$65,000	31
1038	Fraser Street	Emma Street	Austin Street	0.2	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	55	PR	1-5 years	\$48,000	31
1264	Lakeshore Drive	Sunshine Court	End	1.2	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	55	PR	1-5 years	\$181,000	31
1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	359	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$568,000	31
1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$13,000	31
1329	Lorne Street	Austin Street	Louise Street	0.1	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$28,000	31
1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$136,000	31
1193	Oriole Crescent	Islander Drive	End	0.2	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	1-5	59	PR	1-5 years	\$62,000	31
1085	Art Crisp Road	Baseline Road	End	1.1	70	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$161,000	31
1482	Sniders Bay Road	Sniders Bay Road	End	0.5	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	49	PR	1-5 years	\$57,000	31
1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	68	PR	1-5 years	\$74,000	31
1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	54	PR	1-5 years	\$37,000	31
1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$19,000	31
1563	Third Street	Phillip Street E	End	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	61	PR	1-5 years	\$11,000	30

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time		Value
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1480	Revell Street	Dungey Street	End	0.2	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	51	PR	1-5 years	\$35,000	30
1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	60	PR	1-5 years	\$115,000	30
1454	South Kabshe Lake Road	Tryon Drive	South Bay Road	1.0	250	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	64	PR	1-5 years	\$141,000	30
1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	415	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	68	PR	1-5 years	\$119,000	30
1270	Hill Street	Hill Street	End	0.1	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	57	PR	1-5 years	\$18,000	30
1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	60	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	53	PR	1-5 years	\$8,000	29
1605	Third Street	David Street	Pinedale Road	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$23,000	29
1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	110	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	58	PR	1-5 years	\$69,000	29
1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	162	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$22,000	29
1170	Isaac Street	John Street N	Mary Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$30,000	29
1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	101	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	now	58	PR	1-5 years	\$168,000	29
1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	93	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$147,000	29
1181	Emma Street	Wagner Street	Fraser Street	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	53	PR	1-5 years	\$19,000	29
1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	49	PR	1-5 years	\$22,000	29
1330	Lorne Street	Gateway Drive	Gateway Drive	0.2	220	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.2	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$34,000	28
1511	Cox Road	Highway 11 S	End	0.3	10	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	47	PR	1-5 years	\$47,000	28
1568	Sixth Street	Phillip Street E	David Street	0.3	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	59	PR	1-5 years	\$70,000	28
1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.3	6	adeq	adeq	adeq	no ditch	now	62	PR	1-5 years	\$25,000	28
1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	210	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	65	PR	1-5 years	\$255,000	28
1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	63	PR	1-5 years	\$15,000	28
1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	68	PR	1-5 years	\$49,000	27
1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	25	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	52	PR	1-5 years	\$66,000	27
1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	53	PR	1-5 years	\$40,000	27
1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	69	PR	1-5 years	\$153,000	27
1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	57	PR	1-5 years	\$101,000	27
1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	69	PR	1-5 years	\$31,000	27
1453	South Kabshe Lake Road	South Kabshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	68	PR	1-5 years	\$40,000	26
1524	Farquhar Street	Muskoka Road N	John Street N	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	storm sewer	1-5	68	PR	1-5 years	\$32,000	26
1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$338,000	26
1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	60	PR	1-5 years	\$55,000	26
1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$67,000	26
1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	53	PR	1-5 years	\$46,000	26
1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	67	PR	1-5 years	\$20,000	26
1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	60	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	59	PR	1-5 years	\$11,000	26
1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	30	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	55	PR	1-5 years	\$22,000	26
1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.2	6	adeq	adeq	adeq	open ditch	1-5	69	PR	1-5 years	\$115,000	26
1286	McPherson Street	Readman Street	End	0.0	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	sewer & ditch	1-5	69	PR	1-5 years	\$10,000	25
1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	51	PR	1-5 years	\$13,000	25
1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$29,000	25
1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	15	adeq	resurface	1-5 years	surface treated	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	1-5	53	PR	1-5 years	\$6,000	25
1055	Bakery Lane	Muskoka Road 169	Mcpherson Street	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	68	PR	1-5 years	\$18,000	25
1597	Third Street	Pinedale Road	End	0.2	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$41,000	25
1105	Bishop Street	Fourth Street	End	0.1	40	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5	6	1.00	adeq	adeq	no ditch	now	58	PR	1-5 years	\$15,000	25
1388	Silver Birch Road	Pudder Road	End	0.2	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	58	PR	1-5 years	\$26,000	25
1475	Private Street	Mcpherson Street	End	0.1	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	60	PR	1-5 years	\$8,000	25
1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	10	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	53	PR	1-5 years	\$48,000	25
1428	Sedore Road	Highway 11 N	Luigi Road	0.1	100	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$16,000	24
1613	Tower Crescent	1701 Highway 11 S	End	0.6	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	65	PR	1-5 years	\$92,000	24

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies														Improvement				Priority Rating		
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics			Surface Condition			Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type		Time	Value
						need	existing	need	existing	tolerable	need	existing	tolerable	need	existing	tolerable	need			existing	need					
1331	Lorne Street	Gateway Drive	End	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	sewer & ditch	1-5	65	PR	1-5 years	\$20,000	24			
1306	Severn River Road	East Severn River Road	End	0.8	55	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$128,000	24			
1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$13,000	24			
1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	70	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$62,000	24			
1566	Simpson Road	Bethune Drive N	End	0.5	30	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	59	PR	1-5 years	\$110,000	24			
1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$54,000	23			
1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	61	PR	1-5 years	\$26,000	23			
1519	Farquhar Street	Austin Street	Abbey Lane	0.1	70	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$152,000	23			
1598	Winewood Avenue W	Austin Street	End	0.1	40	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	61	PR	1-5 years	\$135,000	23			
1272	Old Portage Road	Brydons Bay Road	End	0.6	35	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	61	PR	1-5 years	\$81,000	23			
1047	John Street S	Ridge Road	End	0.2	50	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$44,000	23			
1147	Fifth Street	David Street	End	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	64	PR	1-5 years	\$18,000	22			
1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	6-10	64	PR	1-5 years	\$8,000	22			
1658	Barnes Road	Winhara Road	End	0.7	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	62	PR	1-5 years	\$104,000	22			
1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	50	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	64	PR	1-5 years	\$101,000	22			
1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	8	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	58	PR	1-5 years	\$113,000	22			
1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	30	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	63	PR	1-5 years	\$55,000	22			
1569	Sixth Street	David Street	End	0.3	50	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.7	6	0.30	adeq	adeq	no ditch	now	65	PR	1-5 years	\$55,000	22			
1402	Whitehead Road	Road 3600	End	0.1	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	now	61	PR	1-5 years	\$18,000	22			
1659	Grace Court	Gateway Drive	End	0.1	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	63	PR	1-5 years	\$24,000	21			
1101	Bishop Street	First Street S	End	0.0	10	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	60	PR	1-5 years	\$10,000	21			
1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	20	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	62	PR	1-5 years	\$60,000	21			
1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	8	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	60	PR	1-5 years	\$45,000	21			
1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	27	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	64	PR	1-5 years	\$26,000	21			
1449	Sarah Street N	George Street	Winewood Avenue W	0.1	800	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	6-10	66	R	6-10 years	\$22,000	37			
1446	Sarah Street N	Brown Street	Peter Street	0.1	997	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	now	70	R	6-10 years	\$159,000	34			
1426	Second Street S	Brock Street	Royal Street	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	17.3	7	adeq	adeq	adeq	storm sewer	now	66	R	6-10 years	\$178,000	33			
1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	711	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.6	7	adeq	adeq	adeq	storm sewer	6-10	69	R	6-10 years	\$38,000	32			
1616	Wagner Street	Mary Street N	Emma Street	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	67	PR	6-10 years	\$14,000	32			
1615	Wagner Street	John Street N	Mary Street N	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	67	PR	6-10 years	\$31,000	31			
1254	Main Street	First Street S	Bethune Drive S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	67	PR	6-10 years	\$31,000	31			
1204	Hughson Street	John Street N	Mary Street N	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.4	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$38,000	30			
1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	450	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	sewer & ditch	now	70	PR	6-10 years	\$552,000	29			
1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	526	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	11.1	7	adeq	adeq	adeq	storm sewer	6-10	71	R	6-10 years	\$34,000	28			
1394	Phillip Street E	Fourth Street	Sixth Street	0.1	270	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.4	7	0.60	adeq	adeq	storm sewer	now	67	R	6-10 years	\$159,000	28			
1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	1100	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$42,000	28			
1464	Pinedale Road	Third Street	Pinegrove Street	0.1	850	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	now	75	PR	6-10 years	\$139,000	28			
1313	First Street S	Violet Street	Bethune Drive S	0.3	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$361,000	27			
1444	Sarah Street N	Bay Street	Hughson Street	0.1	900	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.1	6	adeq	adeq	adeq	storm sewer	6-10	76	PR	6-10 years	\$22,000	27			
1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	386	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$117,000	27			
1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	now	66	PR	6-10 years	\$440,000	27			
1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$36,000	27			
1545	Jones Road	Forest Glen Drive	Progress Road	0.3	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$88,000	26			
1518	Canning Road	Highway 11 S	Baseline Road	1.0	306	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$235,000	26			
1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$40,000	26			
1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.3	6	1.70	adeq	adeq	no ditch	now	66	PR	6-10 years	\$34,000	26			
1118	Clarence Street	Gillan Drive	Edward Street	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	74	PR	6-10 years	\$14,000	26			
1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	300	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$180,000	25			

Gravenhurst Road Needs Study 2021

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Road Section Identification						System Deficiencies														Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value		
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1420	Third Street	Phillip Street E	Bishop Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	68	PR	6-10 years	\$24,000	25	
1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	66	PR	6-10 years	\$27,000	25	
1363	McPherson Street	Private Street	Bakery Lane	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$27,000	25	
1283	Mary Street N	Farquhar Street	Wagner Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.3	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$30,000	25	
1496	Royal Street	First Street S	Second Street S	0.1	200	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	10.1	7	adeq	adeq	adeq	storm sewer	6-10	68	R	6-10 years	\$24,000	25	
1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	175	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$36,000	25	
1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	250	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$79,000	24	
1171	Isaac Street	Mary Street N	Sarah Street N	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	68	PR	6-10 years	\$30,000	24	
1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	600	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.6	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$38,000	24	
1258	Jones Road	Progress Road	Elwell Park Road	0.2	150	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$60,000	24	
1098	Canning Road	Baseline Road	Southwood Road	1.0	300	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$231,000	24	
1103	Bishop Street	Bethune Drive S	Third Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$31,000	24	
1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$28,000	24	
1158	Elder Street	Muskoka Road N	First Street N	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	70	PR	6-10 years	\$31,000	24	
1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$32,000	24	
1168	Cherokee Lane	Bay Street	End	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5	6	1.00	0.50	adeq	no ditch	now	70	PR	6-10 years	\$32,000	24	
1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	72	PR	6-10 years	\$30,000	23	
1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$24,000	23	
1614	Wagner Street	John Street N	Lorne Street	0.3	750	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	78	PR	6-10 years	\$85,000	23	
1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	69	PR	6-10 years	\$44,000	23	
1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	253	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	now	72	PR	6-10 years	\$38,000	23	
1230	Rayner Street	David Street	Pinedale Road	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	67	PR	6-10 years	\$28,000	23	
1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	67	PR	6-10 years	\$55,000	23	
1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	210	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$40,000	23	
1078	Clairmont Road	Bay Street	End	0.2	150	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	69	PR	6-10 years	\$41,000	23	
1372	Sedore Road	Ure Road	Beiers Road	1.8	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	71	PR	6-10 years	\$428,000	23	
1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$164,000	23	
1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	557	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.2	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$253,000	23	
1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$83,000	22	
1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	70	PR	6-10 years	\$108,000	22	
1071	David Street	First Street S	Bethune Drive S	0.1	268	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	73	PR	6-10 years	\$176,000	22	
1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$26,000	22	
1594	Talbot Trail	Graham Road	Joseph Pl	0.1	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$18,000	22	
1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.8	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$150,000	22	
1359	North Kabshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	360	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	75	PR	6-10 years	\$18,000	22	
1319	James Street	Muskoka Road S	End	0.0	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	0.50	adeq	no ditch	now	74	PR	6-10 years	\$12,000	22	
1703	North Kabshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	455	adeq	resurface	6-10 years	surface treated	surface treated	adeq	6	6	adeq	adeq	adeq	sewer & ditch	6-10	77	PR	6-10 years	\$14,000	22	
1610	Violet Street	First Street S	Bethune Drive S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	76	PR	6-10 years	\$33,000	22	
1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	180	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$113,000	22	
1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	77	R	6-10 years	\$27,000	22	
1352	Clarence Street	Nelson Street	Caroline Street	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	75	PR	6-10 years	\$25,000	22	
1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	adeq	resurface	6-10 years	Asphalt	gravel	adeq	8	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$42,000	22	
1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	66	PR	6-10 years	\$70,000	22	
1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	100	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$88,000	22	
1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$98,000	22	

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1303	Langford Drive	Winhara Road	End	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$52,000	22
1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$135,000	22
1588	Talbot Trail	Alana Boulevard	End	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	65	PR	6-10 years	\$22,000	22
1039	Fraser Street	Austin Street	Louise Street	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	69	PR	6-10 years	\$35,000	22
1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	69	PR	6-10 years	\$25,000	21
1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	66	PR	6-10 years	\$95,000	21
1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	69	PR	6-10 years	\$114,000	21
1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	600	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$31,000	21
1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$61,000	21
1495	Royal Street	Muskoka Road S	First Street S	0.1	600	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.2	7	adeq	adeq	adeq	storm sewer	adeq	79	R	6-10 years	\$37,000	21
1401	Whitehead Road	Road 3500	Road 3600	0.6	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	65	PR	6-10 years	\$71,000	21
1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	165	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$43,000	21
1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	6-10	76	PR	6-10 years	\$34,000	21
1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	no ditch	6-10	74	PR	6-10 years	\$16,000	20
1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	68	PR	6-10 years	\$32,000	20
1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$223,000	20
1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$49,000	20
1513	Austin Street	Winewood Avenue W	George Street	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$23,000	20
1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$33,000	20
1061	George Street	Sarah Street N	Austin Street	0.1	140	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	73	PR	6-10 years	\$29,000	20
1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$156,000	20
1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	30	adeq	resurface	6-10 years	asphalt	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	66	PR	6-10 years	\$17,000	20
1064	Graham Road	Bowers Lane	Bagley Road	0.5	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$76,000	20
1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	80	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	70	PR	6-10 years	\$63,000	20
1142	David Street	Sixth Street	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	68	PR	6-10 years	\$24,000	20
1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	1-5	75	PR	6-10 years	\$426,000	20
1102	Bishop Street	First Street S	Bethune Drive S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$31,000	20
1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	240	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	76	PR	6-10 years	\$107,000	20
1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$77,000	19
1427	Wanda Miller Road	Hotchkiss Street	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	68	PR	6-10 years	\$19,000	19
1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	310	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$51,000	19
1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.6	6	adeq	adeq	adeq	no ditch	1-5	78	PR	6-10 years	\$63,000	19
1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	100	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	72	PR	6-10 years	\$36,000	19
1476	Private Street	Mpherson Street	Musquash Road	0.2	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	72	PR	6-10 years	\$46,000	19
1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$19,000	19
1194	Parkers Point Road	Eppy Lane	End	0.6	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	72	PR	6-10 years	\$95,000	19
1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$46,000	19
1609	Violet Street	Muskoka Road S	First Street S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$32,000	19
1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$38,000	19
1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$130,000	19
1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	150	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	75	PR	6-10 years	\$31,000	19
1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	80	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	72	PR	6-10 years	\$59,000	19
1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$58,000	19
1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	60	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	71	PR	6-10 years	\$137,000	18
1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	9	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$286,000	18
1275	Mary Street N	Bay Street	Hughson Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	77	PR	6-10 years	\$25,000	18

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$35,000	18
1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	74	PR	6-10 years	\$4,000	18
1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$37,000	18
1525	Farquhar Street	John Street N	Mary Street N	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	79	PR	6-10 years	\$162,000	18
1163	Cowbell Lane	Manson Lane	End	1.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	76	PR	6-10 years	\$165,000	18
1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	78	PR	6-10 years	\$134,000	18
1130	Joseph Pl	Talbot Trail	End	0.1	60	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$22,000	17
1629	Tryon Drive	Hastings Drive	Erins Way	0.2	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$61,000	17
1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$23,000	17
1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$31,000	17
1287	McPherson Street	Readman Street	Private Street	0.1	250	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	sewer & ditch	6-10	79	PR	6-10 years	\$20,000	17
1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	78	PR	6-10 years	\$30,000	17
1127	Dove Drive	Kilworthy Road	End	0.1	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	69	PR	6-10 years	\$8,000	17
1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$26,000	17
1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	200	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.6	7	0.40	adeq	adeq	storm sewer	adeq	79	R	6-10 years	\$24,000	17
1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$100,000	17
1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	68	PR	6-10 years	\$55,000	17
1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	73	PR	6-10 years	\$74,000	17
1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	140	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	77	PR	6-10 years	\$25,000	17
1152	Fourth Street	Bishop Street	End	0.1	30	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	no ditch	now	72	PR	6-10 years	\$13,000	16
1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$101,000	16
1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$15,000	16
1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$65,000	16
1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	180	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$6,000	16
1619	Wagner Street	Austin Street	Louise Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	80	PR	6-10 years	\$160,000	16
1512	Crawford Road	Jones Road	End	0.5	175	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$116,000	16
1069	Freeland Drive	Thain Street W	End	0.2	75	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	8.4	7	adeq	adeq	adeq	storm sewer	adeq	76	R	6-10 years	\$35,000	16
1221	Peninsula Road	254m S of Juniper Drive (Fork 2)	Deepwater Drive	1.1	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$176,000	16
1387	Silver Birch Road	Damin Road	Pudden Road	0.2	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	74	PR	6-10 years	\$29,000	16
1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	20	adeq	resurface	6-10 years	surface treated	gravel	adeq	4.3	6	1.70	adeq	adeq	no ditch	now	72	PR	6-10 years	\$10,000	16
1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$75,000	16
1557	Peter Street	John Street N	Mary Street N	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.6	6	adeq	0.50	adeq	storm sewer	1-5	79	PR	6-10 years	\$170,000	16
1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	20	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	72	PR	6-10 years	\$44,000	16
1141	David Street	Fifth Street	Sixth Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$32,000	16
1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$79,000	15
1593	Taverner Road	Doe Lake Road	End	0.4	30	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	74	PR	6-10 years	\$54,000	15
1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	125	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	adeq	79	PR	6-10 years	\$85,000	15
1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$12,000	15
1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	141	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	80	PR	6-10 years	\$244,000	15
1050	Catherine Street W	Alexander Street	Douglas Street	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$32,000	15
1011	Heywood Lane	Gravenhurst Parkway	End	0.1	70	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$33,000	15
1172	Isaac Street	Sarah Street N	End	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	open ditch	1-5	77	PR	6-10 years	\$32,000	15
1542	Jim Wood Lane	Jim Wood Lane	End	0.5	25	adeq	resurface	6-10 years	surface treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	74	PR	6-10 years	\$65,000	15
1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	90	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	78	PR	6-10 years	\$22,000	15
1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$26,000	15
1713	Brydons Bay Road	Brydons Bay Road	End	0.3	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	74	PR	6-10 years	\$42,000	14
1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$135,000	14

Gravenhurst Road Needs Study 2021

Priority Rating - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement				Priority Rating
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		PCI	Type	Time	Value	
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1145	Dungey Street	Revell Street	End	0.1	10	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	73	PR	6-10 years	\$12,000	14
1065	Graham Road	Bagley Road	Godfrey Road	0.2	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	75	PR	6-10 years	\$26,000	14
1731	Hummingbird Lane	Kilworthy Road	End	0.1	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	74	PR	6-10 years	\$8,000	14
1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$143,000	13
1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	79	PR	6-10 years	\$43,000	13
1151	Fourth Street	Phillip Street E	Bishop Street	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.4	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$25,000	13
1190	Moody Drive	Bethune Drive N	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$26,000	13
1608	Watson Lane	Pratt Crescent	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	80	PR	6-10 years	\$14,000	13
1305	Severn River Road	Southwood Road	East Severn River Road	0.5	55	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	80	PR	6-10 years	\$81,000	13
1252	Hotchkiss Street	Wanda Miller Road	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	storm sewer	6-10	80	PR	6-10 years	\$35,000	12
1562	Theatre Road	Gravenhurst Pkwy	End	0.2	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	open ditch	6-10	77	PR	6-10 years	\$54,000	12
1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	5	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	76	PR	6-10 years	\$5,000	12
1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	25	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	79	PR	6-10 years	\$42,000	12
				254.7																			\$37,952,000

PR - pulverize and resurface with 1 or 2 lifts
R - resurface with 1 or 2 lifts

REC - reconstruction
WR - widen & resurface

Appendix G: Road Priority Guide Numbers

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time	Value		
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	adeq	rehabilitate	now	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	now	BS	now	\$192,000	82	64
2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	4300	adeq	rehabilitate	now	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	now	BS	now	\$192,000	82	64
1698	James Street	John Street S	347m W of John Street S	0.4	4300	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	7	adeq	adeq	adeq	storm sewer	1-5	R	1-5 years	\$83,000	50	23
1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	1500	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$223,000	60	12
1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	1500	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$91,000	49	9
1311	First Street S	Bishop Street	David Street	0.1	600	adeq	rehabilitate	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	BS	now	\$33,000	55	9
1553	First Street S	Phillip Street E	Bishop Street	0.1	600	adeq	rehabilitate	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	BS	now	\$33,000	53	9
1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	850	adeq	resurface	1-5 years	surface treated	asphalt	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$48,000	51	7
1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	332	adeq	rehabilitate	now	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	BS	now	\$197,000	51	6
1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	349	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	BS	now	\$466,000	46	6
1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	6.6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$24,000	40	6
1360	North Kahshe Lake Road	North Sunny Crescent Road	1312 North Kahshe Lake Road	0.8	340	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	BS	now	\$216,000	45	6
1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	400	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	BS	now	\$52,000	46	6
2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	240	adeq	rehabilitate	now	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	BS	now	\$1,048,000	43	6
1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$227,000	44	5
1449	Sarah Street N	George Street	Winewood Avenue W	0.1	800	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	6-10	R	6-10 years	\$22,000	37	5
1551	First Street S	Sharpe Street E	Phillip Street E	0.1	600	adeq	reconstruct	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	REC	now	\$77,000	68	5
1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	750	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$14,000	45	5
1027	John Street N	George Street	Winewood Avenue W	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$29,000	42	5
1210	First Street N	Brock Street	Harvie Street	0.1	2000	adeq	rehabilitate	now	Asphalt	asphalt	adeq	12	7	adeq	adeq	adeq	storm sewer	now	REC	now	\$219,000	70	5
1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	300	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	BS	now	\$26,000	46	5
1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	adeq	rehabilitate	now	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	BS	now	\$381,000	45	5
1477	Progress Road	Industrial Drive	Jones Road	0.5	300	adeq	rehabilitate	now	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	BS	now	\$155,000	44	5
1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	175	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	BS	now	\$386,000	43	4
1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	820	adeq	resurface	1-5 years	Surface Treated	asphalt	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$195,000	38	4
1044	John Street N	Peter Street	Isaac Street	0.1	950	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$29,000	36	4
1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	534	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$127,000	46	4
1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	500	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$223,000	48	4
1326	Lorne Street	Wagner Street	Islander Drive	0.1	713	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$15,000	42	4
1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	124	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	BS	now	\$160,000	42	4
1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	168	adeq	rehabilitate	now	surface treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	now	BS	now	\$72,000	43	4
1304	Little Norway Lane	Reay Road	End	0.5	140	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	BS	now	\$100,000	42	4
1444	Sarah Street N	Bay Street	Hughson Street	0.1	900	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.1	6	adeq	adeq	adeq	storm sewer	6-10	PR	6-10 years	\$22,000	27	4
1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	450	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$452,000	44	4
1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$40,000	45	4
1342	Industrial Drive	Jones Road	Progress Road	0.2	600	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$52,000	39	3
2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	534	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$117,000	35	3
1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	455	adeq	reconstruct	now	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	REC	now	\$78,000	61	3
1617	Wagner Street	Emma Street	Sarah Street N	0.1	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$14,000	33	3
1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	600	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$38,000	38	3
1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	350	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	1-5	PR	1-5 years	\$91,000	41	3
1692	Pinedale Lane	160m of Arnes Drive	End	0.1	200	adeq	resurface	now	Gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	now	\$17,000	39	3
1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$51,000	46	3
1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	514	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$236,000	32	3
1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$21,000	42	3
1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	400	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$77,000	39	3
1616	Wagner Street	Mary Street N	Emma Street	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$14,000	32	3
1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	350	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	1-5	PR	1-5 years	\$21,000	39	3
1029	John Street N	Farquhar Street	Wagner Street	0.1	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$31,000	34	3

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time			Value
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1615	Wagner Street	John Street N	Mary Street N	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$31,000	31	3	
1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	1.0	250	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$141,000	30	3	
1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	711	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.6	7	adeq	adeq	adeq	storm sewer	6-10	R	6-10 years	\$38,000	32	3	
1233	Reay Road	Little Norway Lane	Elzner Road	2.5	120	adeq	rehabilitate	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	BS	now	\$504,000	40	3	
1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$26,000	35	3	
1239	Kilworthy Road	Kilworthy Road	End	2.0	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$478,000	42	3	
1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$202,000	38	3	
1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	PR	1-5 years	\$74,000	31	3	
1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	310	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$90,000	41	3	
1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$203,000	32	3	
1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$101,000	36	2	
1312	First Street S	Main Street	Violet Street	0.2	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$40,000	34	2	
1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	230	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$27,000	32	2	
1154	Main Street	Muskoka Road S	First Street S	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$29,000	36	2	
1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	190	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$29,000	39	2	
1614	Wagner Street	John Street N	Lorne Street	0.3	750	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$85,000	23	2	
1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	R	6-10 years	\$24,000	23	2	
1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	557	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.2	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$253,000	23	2	
2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	80	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	PR	now	\$13,000	30	2	
1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	359	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$568,000	31	2	
1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	90	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	BS	now	\$80,000	38	2	
1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	PR	1-5 years	\$158,000	38	2	
1254	Main Street	First Street S	Bethune Drive S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$31,000	31	2	
1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$728,000	39	2	
1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.7	6	0.30	adeq	adeq	no ditch	now	PR	1-5 years	\$89,000	39	2	
1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	290	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$12,000	32	2	
1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	526	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	11.1	7	adeq	adeq	adeq	storm sewer	6-10	R	6-10 years	\$34,000	28	2	
1545	Jones Road	Forest Glen Drive	Progress Road	0.3	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$88,000	26	2	
1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	250	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$79,000	24	2	
1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	R	6-10 years	\$32,000	24	2	
1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	210	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$255,000	28	2	
1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	415	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$119,000	30	2	
1148	Merkley Road	Barkway Road	Fire Route A1	1.6	124	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	PR	1-5 years	\$215,000	39	2	
1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	386	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$117,000	27	2	
1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	200	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$13,000	31	2	
1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	455	adeq	resurface	6-10 years	surface treated	surface treated	adeq	6	6	adeq	adeq	adeq	sewer & ditch	6-10	PR	6-10 years	\$14,000	22	2	
1329	Lorne Street	Austin Street	Louise Street	0.1	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$28,000	31	2	
1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	7	adeq	adeq	adeq	storm sewer	adeq	R	6-10 years	\$27,000	22	2	
1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$16,000	33	2	
1118	Clarence Street	Gillan Drive	Edward Street	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$14,000	26	2	
1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$124,000	35	2	
1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$153,000	27	2	
1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$200,000	35	2	
1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	PR	1-5 years	\$115,000	30	2	
1516	Austin Street	Wagner Street	Fraser Street	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$25,000	39	2	
1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$49,000	27	2	
1330	Lorne Street	Louise Street	Gateway Drive	0.2	220	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.2	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$34,000	28	2	
1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	600	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.6	7	adeq	adeq	adeq	storm sewer	adeq	R	6-10 years	\$38,000	24	2	
1399	Sophers Landing Road	Sophers Landing Road	End	0.4	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$65,000	31	2	

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time	Value		
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.3	6	1.70	adeq	adeq	no ditch	now	PR	6-10 years	\$34,000	26	2
1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	600	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$31,000	21	2
1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	162	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$22,000	29	2
1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$83,000	22	2
1517	Austin Street	Fraser Street	Lorne Street	0.1	250	adeq	reconstruct	now	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	now	REC	now	\$92,000	50	2
1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	300	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$180,000	25	2
1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	210	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$40,000	23	2
1363	McPherson Street	Private Street	Bakery Lane	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$27,000	25	2
1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	175	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	PR	6-10 years	\$36,000	25	2
1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	300	adeq	resurface	1-5 years	Surface Treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$31,000	27	2
1518	Canning Road	Highway 11 S	Baseline Road	1.0	306	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$235,000	26	2
1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$15,000	28	2
1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	127	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$438,000	39	2
1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$24,000	32	2
1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	360	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$18,000	22	2
1495	Royal Street	Muskoka Road S	First Street S	0.1	600	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	12.2	7	adeq	adeq	adeq	storm sewer	adeq	R	6-10 years	\$37,000	21	2
1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	55	adeq	rehabilitate	now	Surface Treated	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	BS	now	\$120,000	34	2
1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$136,000	31	2
1098	Canning Road	Baseline Road	Southwood Road	1.0	300	adeq	resurface	6-10 years	Surface Treated	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$231,000	24	2
1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$33,000	37	2
1286	McPherson Street	Readman Street	End	0.0	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	sewer & ditch	1-5	PR	1-5 years	\$10,000	25	1
1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$31,000	33	1
1610	Violet Street	First Street S	Bethune Drive S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$33,000	22	1
1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$38,000	33	1
1563	Third Street	Phillip Street E	End	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$11,000	30	1
1066	Golf Club Road	Hoc-Roc Drive	End	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$39,000	35	1
1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	165	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$43,000	21	1
1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	adeq	resurface	now	gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	PR	now	\$11,000	33	1
1429	Shady Lane	Road 6000	Silver Birch Road	0.9	55	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.3	6	0.70	adeq	adeq	open ditch	now	BS	now	\$173,000	37	1
1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	150	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$338,000	26	1
1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$58,000	19	1
1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$48,000	38	1
1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$61,000	21	1
1102	Bishop Street	First Street S	Bethune Drive S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$31,000	20	1
1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$40,000	26	1
1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	50	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	BS	now	\$31,000	37	1
1605	Third Street	David Street	Pinedale Road	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$23,000	29	1
1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	200	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$33,000	20	1
1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$26,000	22	1
1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	1-5	PR	1-5 years	\$42,000	32	1
1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$40,000	26	1
1317	Henry Island Road	Muskoka Road N	End	0.3	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.7	6	0.30	adeq	adeq	open ditch	now	PR	1-5 years	\$40,000	35	1
1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	240	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$107,000	20	1
1524	Farquhar Street	Muskoka Road N	John Street N	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	storm sewer	1-5	PR	1-5 years	\$32,000	26	1
1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$75,000	34	1
1204	Hughson Street	John Street N	Mary Street N	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.4	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$38,000	30	1
1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	110	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$69,000	29	1
1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$155,000	32	1

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time	Value		
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$44,000	23	1
1113	Brown Street	John Street N	Mary Street N	0.1	1000	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$163,000	50	1
1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	253	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.7	6	0.30	adeq	adeq	open ditch	now	PR	6-10 years	\$38,000	23	1
1168	Cherokee Lane	Bay Street	End	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5	6	1.00	0.50	adeq	no ditch	now	PR	6-10 years	\$32,000	24	1
1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$19,000	31	1
1060	George Street	Mary Street N	Sarah Street N	0.1	140	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$31,000	37	1
1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$108,000	22	1
1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	250	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.2	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$115,000	26	1
1550	First Street N	Harvie Street	Church Street	0.1	1000	adeq	resurface	1-5 years	Asphalt	asphalt	adeq	10	7	adeq	adeq	adeq	storm sewer	now	R	1-5 years	\$168,000	56	1
1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$44,000	41	1
1270	Hill Street	Hill Street	End	0.1	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$18,000	30	1
1609	Violet Street	Muskoka Road S	First Street S	0.1	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$32,000	19	1
1264	Lakeshore Drive	Sunshine Court	End	1.2	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$181,000	31	1
1055	Bakery Lane	Muskoka Road 169	McPherson Street	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$18,000	25	1
1215	George Street	Muskoka Road N	John Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$31,000	34	1
1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	310	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$51,000	19	1
1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	150	adeq	reconstruct	now	surface treated	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	now	REC	now	\$69,000	46	1
1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$30,000	23	1
1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	40	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	open ditch	1-5	PR	now	\$13,000	28	1
1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$60,000	33	1
1059	George Street	John Street N	Mary Street N	0.1	140	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$31,000	34	1
1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	148	adeq	reconstruct	now	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	now	REC	now	\$366,000	46	1
1420	Third Street	Phillip Street E	Bishop Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$24,000	25	1
1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	150	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	REC	now	\$825,000	45	1
1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$156,000	20	1
1319	James Street	Muskoka Road S	End	0.0	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	0.50	adeq	no ditch	now	PR	6-10 years	\$12,000	22	1
1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	200	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$20,000	26	1
1352	Clarence Street	Nelson Street	Caroline Street	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$25,000	22	1
1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$77,000	19	1
1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	40	adeq	rehabilitate	now	Surface Treated	gravel	adeq	5.1	6	0.90	adeq	adeq	open ditch	now	BS	now	\$83,000	35	1
1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$37,000	31	1
1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$19,000	19	1
1287	McPherson Street	Readman Street	Private Street	0.1	250	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	sewer & ditch	6-10	PR	6-10 years	\$20,000	17	1
1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	6-10	PR	6-10 years	\$34,000	21	1
1170	Isaac Street	John Street N	Mary Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$30,000	29	1
1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	40	adeq	resurface	now	Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	PR	now	\$10,000	26	1
1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	93	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$147,000	29	1
1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.3	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$25,000	28	1
1163	Cowbell Lane	Manson Lane	End	1.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$165,000	18	1
1372	Sedore Road	Ure Road	Beiers Road	1.8	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$428,000	23	1
1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	6-10 years	\$27,000	25	1
1496	Royal Street	First Street S	Second Street S	0.1	200	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	10.1	7	adeq	adeq	adeq	storm sewer	6-10	R	6-10 years	\$24,000	25	1
1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	adeq	resurface	6-10 years	Asphalt	gravel	adeq	8	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$42,000	22	1
1513	Austin Street	Winewood Avenue W	George Street	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$23,000	20	1
1103	Bishop Street	Bethune Drive S	Third Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$31,000	24	1
1158	Elder Street	Muskoka Road N	First Street N	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$31,000	24	1
1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$67,000	26	1
1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	150	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$23,000	17	1
1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$36,000	27	1

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time	Value		
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$63,000	19	1
1613	Tower Crescent	1701 Highway 11 S	End	0.6	100	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$92,000	24	1
1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$65,000	16	1
1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$130,000	19	1
1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	30	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	PR	now	\$30,000	28	1
1234	Reay Road	Elzner Road	End	1.0	120	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	REC	now	\$690,000	47	1
1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$98,000	22	1
1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$28,000	24	1
1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	200	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.6	7	0.40	adeq	adeq	storm sewer	adeq	R	6-10 years	\$24,000	17	1
1283	Mary Street N	Farquhar Street	Wagner Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.3	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$30,000	25	1
1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	550	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$356,000	48	1
1078	Clairmont Road	Bay Street	End	0.2	150	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$41,000	23	1
1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$37,000	18	1
1193	Oriole Crescent	Islander Drive	End	0.2	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	1-5	PR	1-5 years	\$62,000	31	1
1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$55,000	23	1
1085	Art Crisp Road	Baseline Road	End	1.1	70	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$161,000	31	1
1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$114,000	21	1
1171	Isaac Street	Mary Street N	Sarah Street N	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	PR	6-10 years	\$30,000	24	1
1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	no ditch	6-10	PR	6-10 years	\$16,000	20	1
1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	300	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$38,000	19	1
1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$25,000	21	1
1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	80	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$55,000	26	1
1594	Talbot Trail	Graham Road	Joseph Pl	0.1	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$18,000	22	1
1303	Langford Drive	Winhara Road	End	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$52,000	22	1
1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	30	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	PR	now	\$54,000	24	1
1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	55	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$303,000	32	1
1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$31,000	17	1
1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$223,000	20	1
1258	Jones Road	Progress Road	Elwell Park Road	0.2	150	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$60,000	24	1
1275	Mary Street N	Bay Street	Hughson Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$25,000	18	1
1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	PR	6-10 years	\$30,000	17	1
1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	1100	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$42,000	28	1
1446	Sarah Street N	Brown Street	Peter Street	0.1	997	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	7.4	7	adeq	adeq	adeq	storm sewer	now	R	6-10 years	\$159,000	34	1
1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$49,000	20	1
1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	60	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	1-5 years	\$8,000	29	1
1061	George Street	Sarah Street N	Austin Street	0.1	140	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$29,000	20	1
1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	180	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$113,000	22	1
1482	Sniders Bay Road	Sniders Bay Road	End	0.5	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	now	PR	1-5 years	\$57,000	31	1
1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$26,000	17	1
1194	Parkers Point Road	Eppy Lane	End	0.6	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$95,000	19	1
1196	Parkholme Road	Road 5400	End	0.3	20	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	PR	now	\$17,000	29	1
1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	150	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$31,000	19	1
1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$101,000	16	1
1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$46,000	19	1
1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$4,000	18	1
1568	Sixth Street	Phillip Street E	David Street	0.3	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$70,000	28	1
1629	Tryon Drive	Hastings Drive	Erins Way	0.2	200	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$61,000	17	1
1038	Fraser Street	Emma Street	Austin Street	0.2	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$48,000	31	1
2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	adeq	rehabilitate	now	Gravel	gravel	adeq	3	6	3.00	0.50	adeq	open ditch	now	BS	now	\$67,000	36	1

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics	Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time	Value		
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need					
1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$35,000	18	1
1347	North Sunset Bay Road	Narrows Road	End	0.8	30	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	PR	now	\$64,000	24	1
1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	60	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	1-5 years	\$11,000	26	1
2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	20	adeq	resurface	now	gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	PR	now	\$13,000	26	1
1512	Crawford Road	Jones Road	End	0.5	175	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.1	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$116,000	16	1
1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$135,000	22	1
1597	Third Street	Pinedale Road	End	0.2	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$41,000	25	1
1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$101,000	27	1
1183	First Street S	David Street	Veterans Way	0.1	400	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$135,000	48	1
1464	Pinedale Road	Third Street	Pinegrove Street	0.1	850	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	now	PR	6-10 years	\$139,000	28	1
1331	Lorne Street	Gateway Drive	End	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	sewer & ditch	1-5	PR	1-5 years	\$20,000	24	1
1221	Peninsula Road	254m S of Juniper Drive (Fork 2)	Deepwater Drive	1.1	100	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$176,000	16	1
1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	140	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$25,000	17	1
1475	Private Street	Mcperson Street	End	0.1	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$8,000	25	1
1141	David Street	Fifth Street	Sixth Street	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$32,000	16	1
1428	Sedore Road	Highway 11 N	Luigi Road	0.1	100	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$16,000	24	1
1306	Severn River Road	East Severn River Road	End	0.8	55	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$128,000	24	1
1520	Bird Haven Way	Tomingas Road	End	0.2	20	adeq	resurface	now	Gravel	gravel	adeq	3	6	3.00	adeq	adeq	no ditch	now	PR	now	\$10,000	23	1
1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	180	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$6,000	16	1
1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	100	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$29,000	25	1
1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	100	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$88,000	22	1
1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	adeq	resurface	now	Gravel	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	now	PR	now	\$23,000	24	1
1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	6-10	PR	1-5 years	\$8,000	22	0
1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$75,000	16	0
1230	Rayner Street	David Street	Pinedale Road	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$28,000	23	0
1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	10	adeq	rehabilitate	now	gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	BS	now	\$217,000	37	0
1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	50	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$54,000	23	0
1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	60	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$137,000	18	0
1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	100	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$36,000	19	0
1388	Silver Birch Road	Pudder Road	End	0.2	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$26,000	25	0
1476	Private Street	Mcperson Street	Musquash Road	0.2	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$46,000	19	0
1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	6-10 years	\$95,000	21	0
1340	Tomingas Road	Bird Haven Way	End	1.0	60	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	REC	now	\$773,000	45	0
1064	Graham Road	Bowers Lane	Bagley Road	0.5	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$76,000	20	0
1139	Cyril Gill Drive	Road 1100	End	0.1	20	adeq	resurface	now	Gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	now	PR	now	\$9,000	24	0
1146	Fernwood Drive	James Street	Pratt Crescent	0.3	300	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	9	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$415,000	42	0
1039	Fraser Street	Austin Street	Louise Street	0.1	100	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$35,000	22	0
1588	Talbot Trail	Alana Boulevard	End	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$22,000	22	0
1401	Whitehead Road	Road 3500	Road 3600	0.6	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$71,000	21	0
1480	Revell Street	Dungey Street	End	0.2	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$35,000	30	0
1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$51,000	32	0
1130	Joseph Pl	Talbot Trail	End	0.1	60	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$22,000	17	0
1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	450	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	sewer & ditch	now	PR	6-10 years	\$552,000	29	0
1181	Emma Street	Wagner Street	Fraser Street	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	PR	1-5 years	\$19,000	29	0
1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	40	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$26,000	23	0
1426	Second Street S	Brock Street	Royal Street	0.1	500	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	17.3	7	adeq	adeq	adeq	storm sewer	now	R	6-10 years	\$178,000	33	0
1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	70	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$62,000	24	0
1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	80	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$59,000	19	0
1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	125	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	open ditch	adeq	PR	6-10 years	\$85,000	15	0

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Road Section Identification						System Deficiencies													Improvement			Priority Rating	Priority Guide Number	
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type	Time			Value
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1313	First Street S	Violet Street	Bethune Drive S	0.3	400	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$361,000	27	0	
1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	6-10 years	\$74,000	17	0	
1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$15,000	16	0	
1272	Old Portage Road	Brydons Bay Road	End	0.6	35	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$81,000	23	0	
1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	25	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	PR	1-5 years	\$66,000	27	0	
1184	First Street S	Veterans Way	Main Street	0.1	200	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$99,000	42	0	
1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	1-5 years	\$13,000	24	0	
1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	12	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	0.25	adeq	open ditch	now	PR	now	\$8,000	29	0	
1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	1-5	PR	6-10 years	\$26,000	15	0	
1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$164,000	23	0	
1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$70,000	22	0	
1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	90	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$22,000	15	0	
1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	80	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$63,000	20	0	
1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.8	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$150,000	22	0	
1569	Sixth Street	David Street	End	0.3	50	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.7	6	0.30	adeq	adeq	no ditch	now	PR	1-5 years	\$55,000	22	0	
1120	Charles Road	Muskoka Road 169	End	1.0	50	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	REC	now	\$767,000	38	0	
1492	Road 7000	Kilworthy Road	End	0.3	10	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	PR	now	\$22,000	28	0	
1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$22,000	29	0	
1069	Freeland Drive	Thain Street W	End	0.2	75	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	8.4	7	adeq	adeq	adeq	storm sewer	adeq	R	6-10 years	\$35,000	16	0	
1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$164,000	36	0	
1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$40,000	27	0	
1105	Bishop Street	Fourth Street	End	0.1	40	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$15,000	25	0	
1129	Goldfinch Court	Kilworthy Road	End	0.2	40	adeq	reconstruct	now	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	now	REC	now	\$148,000	37	0	
1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$12,000	15	0	
1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$32,000	20	0	
1387	Silver Birch Road	Damin Road	Pudden Road	0.2	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	6-10 years	\$29,000	16	0	
1305	Severn River Road	Southwood Road	East Severn River Road	0.5	55	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$81,000	13	0	
1658	Barnes Road	Winhara Road	End	0.7	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$104,000	22	0	
1147	Fifth Street	David Street	End	0.1	50	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$18,000	22	0	
1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	50	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$101,000	22	0	
1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	15	adeq	resurface	1-5 years	surface treated	gravel	adeq	3.5	6	2.50	adeq	adeq	no ditch	1-5	PR	1-5 years	\$6,000	25	0	
1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$100,000	17	0	
1202	Hopkins Road	Merkley Road	End	0.5	10	adeq	resurface	now	Gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	PR	now	\$34,000	25	0	
1047	John Street S	Ridge Road	End	0.2	50	adeq	resurface	1-5 years	Asphalt	gravel	adeq	7.6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$44,000	23	0	
1427	Wanda Miller Road	Hotchkiss Street	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$19,000	19	0	
1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	30	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$22,000	26	0	
1659	Grace Court	Gateway Drive	End	0.1	30	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$24,000	21	0	
1011	Heywood Lane	Gravenhurst Parkway	End	0.1	70	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$33,000	15	0	
1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$143,000	13	0	
1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	50	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$43,000	13	0	
1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$46,000	26	0	
1402	Whitehead Road	Road 3600	End	0.1	20	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	4.5	6	1.50	adeq	adeq	no ditch	now	PR	1-5 years	\$18,000	22	0	
1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	30	adeq	resurface	6-10 years	asphalt	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	now	PR	6-10 years	\$17,000	20	0	
2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	10	adeq	resurface	now	Gravel	gravel	adeq	6	6	adeq	0.50	adeq	open ditch	now	PR	now	\$623,000	29	0	
1549	Elzner Road	Reay Road	End	0.7	30	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	REC	now	\$497,000	39	0	
1142	David Street	Sixth Street	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$24,000	20	0	
1394	Phillip Street E	Fourth Street	Sixth Street	0.1	270	adeq	resurface	6-10 years	Asphalt	asphalt	adeq	6.4	7	0.60	adeq	adeq	storm sewer	now	R	6-10 years	\$159,000	28	0	
1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$79,000	15	0	
1172	Isaac Street	Sarah Street N	End	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$32,000	15	0	
1050	Catherine Street W	Alexander Street	Douglas Street	0.1	70	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$32,000	15	0	

Gravenhurst Road Needs Study 2021

Priority Guide Number - Highest to Lowest Priority (By Time of Improvement)

Road Section Identification						System Deficiencies												Improvement			Priority Rating	Priority Guide Number		
Asset ID	Road Name	From	To	Length (km)	2021 AADT	Geometrics		Surface Condition		Surface Type			Surface Width			Shoulder	Capacity	Drainage		Type			Time	Value
						need	existing	need	existing	tolerable	need	existing	tolerable	need	need	need	existing	need						
1299	Juniper Drive	Peninsula Road	End	0.2	27	adeq	reconstruct	now	Surface Treated	gravel	adeq	3.3	6	2.70	adeq	adeq	no ditch	now	REC	now	\$147,000	36	0	
1566	Simpson Road	Bethune Drive N	End	0.5	30	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$110,000	24	0	
1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	now	PR	6-10 years	\$440,000	27	0	
1071	David Street	First Street S	Bethune Drive S	0.1	268	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	PR	6-10 years	\$176,000	22	0	
1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	30	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$55,000	22	0	
1558	Peter Street	Mary Street N	Sarah Street N	0.1	150	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$163,000	32	0	
1593	Taverner Road	Doe Lake Road	End	0.4	30	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$54,000	15	0	
1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	20	adeq	resurface	6-10 years	surface treated	gravel	adeq	4.3	6	1.70	adeq	adeq	no ditch	now	PR	6-10 years	\$10,000	16	0	
1542	Jim Wood Lane	Jim Wood Lane	End	0.5	25	adeq	resurface	6-10 years	surface treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	6-10 years	\$65,000	15	0	
1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	27	adeq	resurface	1-5 years	Asphalt	gravel	adeq	5.5	6	0.50	adeq	adeq	no ditch	now	PR	1-5 years	\$26,000	21	0	
1525	Farquhar Street	John Street N	Mary Street N	0.1	250	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$162,000	18	0	
1151	Fourth Street	Phillip Street E	Bishop Street	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.4	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$25,000	13	0	
1127	Dove Drive	Kilworthy Road	End	0.1	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$8,000	17	0	
1252	Hotchkiss Street	Wanda Miller Road	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	storm sewer	6-10	PR	6-10 years	\$35,000	12	0	
1511	Cox Road	Highway 11 S	End	0.3	10	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$47,000	28	0	
1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	10	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$48,000	25	0	
1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$426,000	20	0	
1608	Watson Lane	Pratt Crescent	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	7.3	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$14,000	13	0	
1065	Graham Road	Bagley Road	Godfrey Road	0.2	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	1-5	PR	6-10 years	\$26,000	14	0	
1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	20	adeq	resurface	1-5 years	Asphalt	gravel	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	1-5 years	\$60,000	21	0	
1152	Fourth Street	Bishop Street	End	0.1	30	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.2	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$13,000	16	0	
1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$134,000	18	0	
1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	101	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	8	6	adeq	adeq	adeq	storm sewer	now	PR	1-5 years	\$168,000	29	0	
1713	Brydons Bay Road	Brydons Bay Road	End	0.3	20	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$42,000	14	0	
1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	9	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$286,000	18	0	
1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	25	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$42,000	12	0	
1190	Moody Drive	Bethune Drive N	End	0.1	50	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.5	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$26,000	13	0	
1619	Wagner Street	Austin Street	Louise Street	0.1	200	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$160,000	16	0	
1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	now	PR	1-5 years	\$13,000	25	0	
1557	Peter Street	John Street N	Mary Street N	0.1	150	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	8.6	6	adeq	0.50	adeq	storm sewer	1-5	PR	6-10 years	\$170,000	16	0	
1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	1-5	PR	6-10 years	\$135,000	14	0	
1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	141	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6.7	6	adeq	adeq	adeq	storm sewer	1-5	PR	6-10 years	\$244,000	15	0	
1339	Heron Lane	Kilworthy Road	End	0.1	10	adeq	reconstruct	now	Surface Treated	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	now	REC	now	\$38,000	34	0	
1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	20	adeq	resurface	6-10 years	Asphalt	gravel	adeq	7	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$44,000	16	0	
1097	Beaver Ridge Road	Raccoon Road	Highway 11 N	0.7	8	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$113,000	22	0	
1096	Beaver Ridge Road	228m NW of Sedore Road	Raccoon Road	0.3	8	adeq	resurface	1-5 years	Surface Treated	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$45,000	21	0	
1101	Bishop Street	First Street S	End	0.0	10	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.1	6	adeq	adeq	adeq	open ditch	now	PR	1-5 years	\$10,000	21	0	
1731	Hummingbird Lane	Kilworthy Road	End	0.1	10	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	now	PR	6-10 years	\$8,000	14	0	
1519	Farquhar Street	Austin Street	Abbey Lane	0.1	70	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	7.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$152,000	23	0	
1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$55,000	17	0	
1145	Dungey Street	Revell Street	End	0.1	10	adeq	resurface	6-10 years	Asphalt	surface treated	adeq	6	6	adeq	adeq	adeq	open ditch	1-5	PR	6-10 years	\$12,000	14	0	
1598	Winewood Avenue W	Austin Street	End	0.1	40	adeq	resurface	1-5 years	Asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	PR	1-5 years	\$135,000	23	0	
1562	Theatre Road	Gravenhurst Pkwy	End	0.2	10	adeq	resurface	6-10 years	Asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	open ditch	6-10	PR	6-10 years	\$54,000	12	0	
1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	5	adeq	resurface	6-10 years	Surface Treated	gravel	adeq	6	6	adeq	adeq	adeq	no ditch	1-5	PR	6-10 years	\$5,000	12	0	

254.7

\$37,952,000

PR - pulverize and resurface with 1 or 2 lifts
R - resurface with 1 or 2 lifts

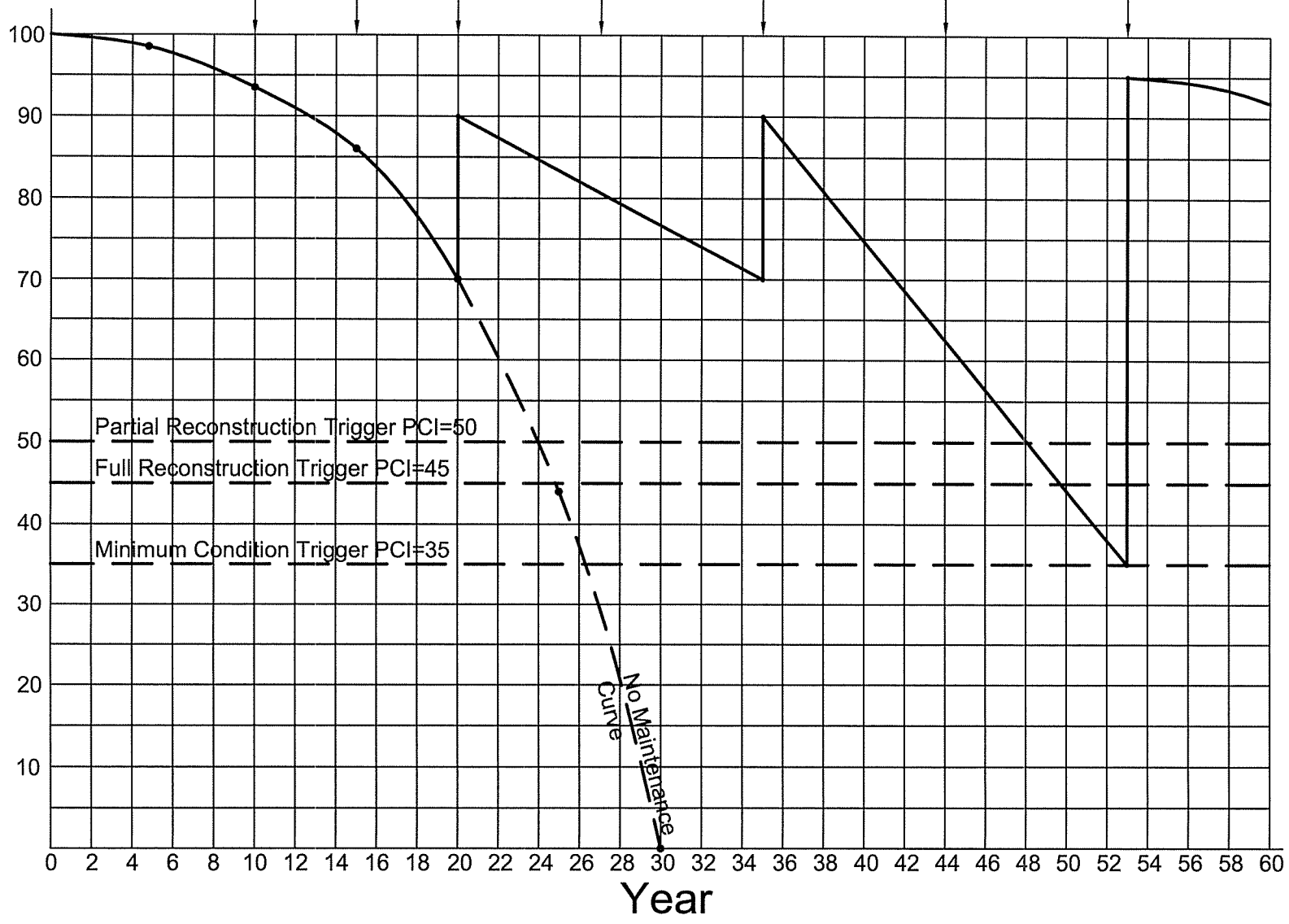
REC - reconstruction
WR - widen & resurface

Appendix H: 10-Year Improvement Program

Annual Routine Maintenance

Lifecycle Activities

Pavement Condition Index (PCI)

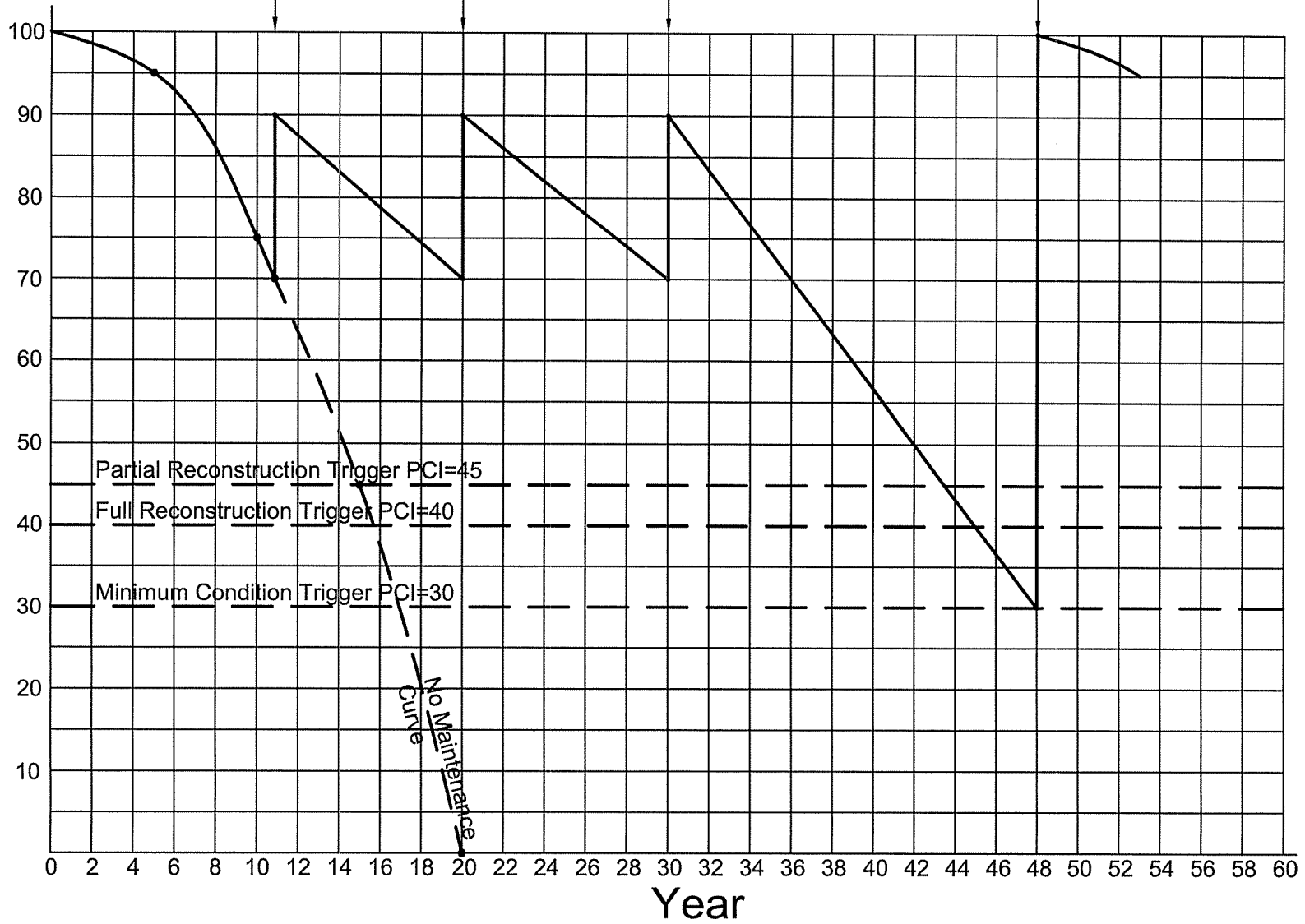


Road Surface Degradation Curve

Asphalt Road

Lifecycle Activities

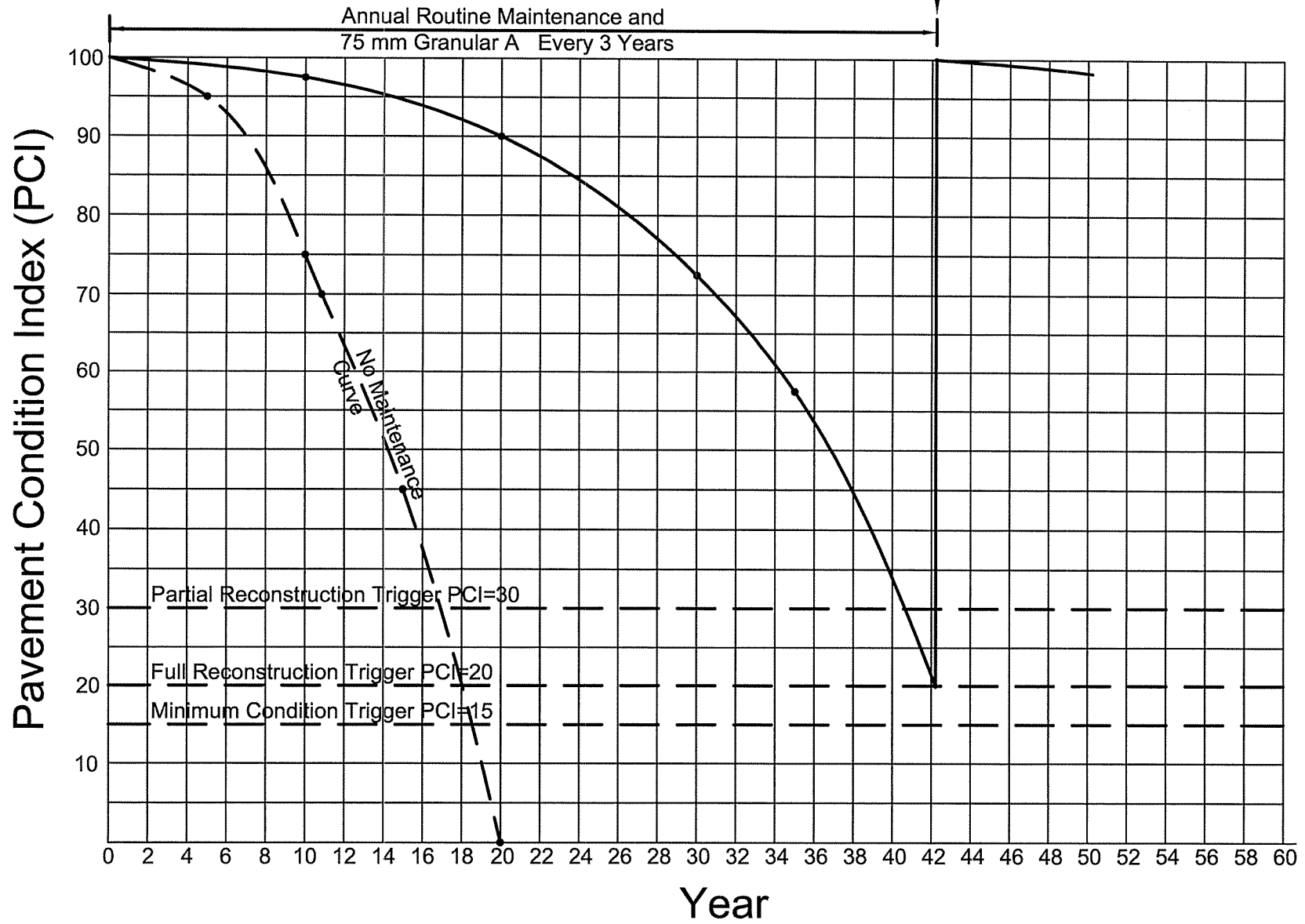
Pavement Condition Index (PCI)



Road Surface Degradation Curve

Surface Treatment Road

Lifecycle Activities



Road Surface Degradation Curve

Gravel Road

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 1 2022											
1	64	1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	BS	now	\$192,000	82
2	64	2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	4300	BS	now	\$192,000	82
3	23	1698	James Street	John Street S	347m W of John Street S	0.4	4300	R	1-5 years	\$83,000	50
4	1	1319	James Street	Muskoka Road S	End	0.0	300	PR	6-10 years	\$12,000	22
5	3	1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	350	PR	1-5 years	\$91,000	41
6	3	1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	400	PR	1-5 years	\$51,000	46
7	3	1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	350	PR	1-5 years	\$21,000	39
8	2	1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	250	PR	1-5 years	\$89,000	39
9	1	1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	253	PR	6-10 years	\$38,000	23
10	1	1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	1100	PR	6-10 years	\$9,000	28
11	1	1464	Pinedale Road	Third Street	Pinetree Street	0.1	850	PR	6-10 years	\$29,000	28
12	0	1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	8	PR	1-5 years	\$113,000	22
13	0	1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	8	PR	1-5 years	\$45,000	21
14	0	1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	PR	6-10 years	\$55,000	17
15	1	1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	148	REC	now	\$366,000	46
16	12	1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	1500	PR	1-5 years	\$223,000	60
17	9	1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	1500	PR	1-5 years	\$91,000	49
18	4	1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	534	PR	1-5 years	\$127,000	46
19	4	1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	450	PR	1-5 years	\$452,000	44
20	2	1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	190	PR	1-5 years	\$29,000	39
21	3	2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	534	PR	1-5 years	\$117,000	35
22	5	1551	First Street S	Sharpe Street E	Phillip Street E	0.1	600	REC	now	\$77,000	68
23	9	1553	First Street S	Phillip Street E	Bishop Street	0.1	600	BS	now	\$33,000	53
24	9	1311	First Street S	Bishop Street	David Street	0.1	600	BS	now	\$33,000	55
25	1	1183	First Street S	David Street	Veterans Way	0.1	400	PR	1-5 years	\$25,000	48
26	0	1184	First Street S	Veterans Way	Main Street	0.1	200	PR	1-5 years	\$20,000	42
27	2	1312	First Street S	Main Street	Violet Street	0.2	400	PR	1-5 years	\$40,000	34
28	0	1313	First Street S	Violet Street	Bethune Drive S	0.3	400	PR	6-10 years	\$77,000	27
29	2	1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	127	PR	1-5 years	\$438,000	39
30	1	1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	PR	6-10 years	\$156,000	20

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
31	1	1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	100	PR	6-10 years	\$55,000	23
Year 1 total										\$3,379,000	
Year 2 2023											
32	6	2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	240	BS	now	\$1,048,000	43
33	1	1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	240	PR	6-10 years	\$107,000	20
34	1	1221	Peninsula Road	Dewdrop Lane	Deepwater Drive	1.1	100	PR	6-10 years	\$176,000	16
35	0	1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	25	PR	6-10 years	\$42,000	12
36	5	1210	First Street N	Brock Street	Harvie Street	0.1	2000	REC	now	\$219,000	70
37	1	1550	First Street N	Harvie Street	Church Street	0.1	1000	R	1-5 years	\$25,000	56
38	7	1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	850	PR	1-5 years	\$48,000	51
39	6	1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	340	BS	now	\$216,000	45
40	4	1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	820	PR	1-5 years	\$195,000	38
41	4	1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	500	PR	1-5 years	\$223,000	48
42	3	1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	455	REC	now	\$78,000	61
43	2	1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	455	PR	6-10 years	\$14,000	22
44	2	1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	360	PR	6-10 years	\$18,000	22
45	6	1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	332	BS	now	\$197,000	51
46	2	1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	300	PR	1-5 years	\$153,000	27
47	3	1233	Reay Road	Little Norway Lane	Elzner Road	2.5	120	BS	now	\$504,000	40
Year 2 total										\$3,263,000	
Year 3 2024											
48	1	1234	Reay Road	Elzner Road	End	1.0	120	REC	now	\$690,000	47
49	5	1449	Sarah Street N	George Street	Winewood Avenue W	0.1	800	R	6-10 years	\$22,000	37
50	4	1444	Sarah Street N	Bay Street	Hughson Street	0.1	900	PR	6-10 years	\$22,000	27
51	1	1446	Sarah Street N	Brown Street	Peter Street	0.1	997	R	6-10 years	\$16,000	34
52	2	1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	175	PR	6-10 years	\$36,000	25
53	4	1304	Little Norway Lane	Reay Road	End	0.5	140	BS	now	\$100,000	42
54	0	1549	Elzner Road	Reay Road	End	0.7	30	REC	now	\$497,000	39
55	4	1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	175	BS	now	\$386,000	43
56	2	1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	150	PR	1-5 years	\$158,000	38

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
57	1	1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	150	REC	now	\$69,000	46	
58	0	1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	50	PR	1-5 years	\$8,000	22	
59	6	1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	400	BS	now	\$52,000	46	
60	5	1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	300	BS	now	\$26,000	46	
61	4	1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	400	PR	1-5 years	\$40,000	45	
62	3	1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	400	PR	1-5 years	\$21,000	42	
63	3	1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	400	PR	1-5 years	\$77,000	39	
64	3	1239	Kilworthy Road	Kilworthy Road	End	2.0	300	PR	1-5 years	\$478,000	42	
65	6	1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	349	BS	now	\$466,000	46	
66	1	1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	110	PR	1-5 years	\$69,000	29	
										Year 3 total	\$3,233,000	
Year 4 2025												
67	1	1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	80	PR	1-5 years	\$55,000	26	
68	1	1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	60	PR	1-5 years	\$8,000	29	
69	1	1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	60	PR	1-5 years	\$11,000	26	
70	0	1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	30	PR	1-5 years	\$51,000	32	
71	0	1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	40	PR	1-5 years	\$26,000	23	
72	6	1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	PR	1-5 years	\$24,000	40	
73	5	1027	John Street N	George Street	Winewood Avenue W	0.1	950	PR	1-5 years	\$29,000	42	
74	4	1044	John Street N	Peter Street	Isaac Street	0.1	950	PR	1-5 years	\$29,000	36	
75	3	1029	John Street N	Farquhar Street	Wagner Street	0.1	500	PR	1-5 years	\$31,000	34	
76	4	1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	168	BS	now	\$72,000	43	
77	1	1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	50	BS	now	\$31,000	37	
78	1	1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	150	REC	now	\$825,000	45	
79	1	1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	PR	1-5 years	\$37,000	31	
80	0	1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	10	PR	1-5 years	\$48,000	25	
81	4	1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	124	BS	now	\$160,000	42	
82	1	1482	Sniders Bay Road	Sniders Bay Road	End	0.5	40	PR	1-5 years	\$57,000	31	
83	5	1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	BS	now	\$381,000	45	
84	3	1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	PR	1-5 years	\$26,000	35	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
85	3	1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	PR	1-5 years	\$203,000	32	
86	2	1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	PR	6-10 years	\$83,000	22	
87	5	1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	750	PR	1-5 years	\$14,000	45	
88	2	1545	Jones Road	Forest Glen Drive	Progress Road	0.3	500	PR	6-10 years	\$88,000	26	
89	1	1258	Jones Road	Progress Road	Elwell Park Road	0.2	150	PR	6-10 years	\$60,000	24	
90	5	1477	Progress Road	Industrial Drive	Jones Road	0.5	300	BS	now	\$155,000	44	
91	2	1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	557	PR	6-10 years	\$253,000	23	
92	1	1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	PR	6-10 years	\$114,000	21	
93	0	1064	Graham Road	Bowers Lane	Bagley Road	0.5	50	PR	6-10 years	\$76,000	20	
94	0	1065	Graham Road	Bagley Road	Godfrey Road	0.2	20	PR	6-10 years	\$26,000	14	
95	5	1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	PR	1-5 years	\$227,000	44	
96	3	1692	Pinedale Lane	160m of Arnes Drive	End	0.1	200	PR	now	\$17,000	39	
97	1	1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	200	PR	1-5 years	\$38,000	33	
98	1	1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	400	PR	6-10 years	\$58,000	19	
										Year 4 total	\$3,313,000	
Year 5 2026												
99	4	1326	Lorne Street	Wagner Street	Islander Drive	0.1	713	PR	1-5 years	\$15,000	42	
100	3	1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	600	PR	1-5 years	\$38,000	38	
101	2	1330	Lorne Street	Louise Street	Gateway Drive	0.2	220	PR	1-5 years	\$34,000	28	
102	2	1329	Lorne Street	Austin Street	Louise Street	0.1	300	PR	1-5 years	\$28,000	31	
103	1	1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	550	PR	1-5 years	\$72,000	48	
104	1	1331	Lorne Street	Gateway Drive	End	0.1	100	PR	1-5 years	\$20,000	24	
105	3	1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	1.0	250	PR	1-5 years	\$141,000	30	
106	1	1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	250	PR	1-5 years	\$40,000	26	
107	3	1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	711	R	6-10 years	\$38,000	32	
108	2	1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	PR	1-5 years	\$101,000	36	
109	2	1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	PR	1-5 years	\$728,000	39	
110	1	1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	PR	6-10 years	\$61,000	21	
111	3	1342	Industrial Drive	Jones Road	Progress Road	0.2	600	PR	1-5 years	\$52,000	39	
112	2	1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	230	PR	1-5 years	\$27,000	32	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
113	2	1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	150	PR	1-5 years	\$200,000	35
114	2	1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	210	PR	6-10 years	\$40,000	23
115	2	1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	290	PR	1-5 years	\$12,000	32
116	1	1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	PR	6-10 years	\$44,000	23
117	1	1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	150	PR	6-10 years	\$77,000	19
118	2	2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	80	PR	now	\$13,000	30
119	3	1617	Wagner Street	Emma Street	Sarah Street N	0.1	500	PR	1-5 years	\$14,000	33
120	3	1616	Wagner Street	Mary Street N	Emma Street	0.1	500	PR	6-10 years	\$14,000	32
121	3	1615	Wagner Street	John Street N	Mary Street N	0.1	500	PR	6-10 years	\$31,000	31
122	2	1614	Wagner Street	John Street N	Lorne Street	0.3	750	PR	6-10 years	\$85,000	23
123	0	1619	Wagner Street	Austin Street	Louise Street	0.1	200	PR	6-10 years	\$28,000	16
124	2	1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	90	BS	now	\$80,000	38
125	2	1148	Merkley Road	Barkway Road	Fire Route A1	1.6	124	PR	1-5 years	\$215,000	39
126	2	1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	250	PR	6-10 years	\$79,000	24
127	2	1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	300	PR	1-5 years	\$31,000	27
128	2	1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	386	PR	6-10 years	\$117,000	27
129	1	1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	200	PR	6-10 years	\$33,000	20
130	1	1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	150	PR	6-10 years	\$19,000	19
131	1	1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	150	PR	6-10 years	\$23,000	17
132	1	1194	Parkers Point Road	Eppy Lane	End	0.6	100	PR	6-10 years	\$95,000	19
133	2	1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	500	R	6-10 years	\$24,000	23
134	2	1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	210	PR	1-5 years	\$255,000	28
135	2	1495	Royal Street	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$37,000	21
136	1	1496	Royal Street	First Street S	Second Street S	0.1	200	R	6-10 years	\$24,000	25
137	1	1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	PR	now	\$11,000	33
138	0	1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	30	PR	6-10 years	\$17,000	20
139	2	1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	415	PR	1-5 years	\$119,000	30
140	1	1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	150	PR	6-10 years	\$40,000	26
141	1	1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	150	PR	6-10 years	\$108,000	22
									Year 5 total	\$3,280,000	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 6 2027											
142	2	1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	150	PR	1-5 years	\$124,000	35
143	3	1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	514	PR	1-5 years	\$236,000	32
144	2	1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	300	PR	1-5 years	\$16,000	33
145	1	1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	200	PR	1-5 years	\$20,000	26
146	2	1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	200	PR	1-5 years	\$13,000	31
147	1	1163	Cowbell Lane	Manson Lane	End	1.1	150	PR	6-10 years	\$165,000	18
148	2	1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	526	R	6-10 years	\$34,000	28
149	0	1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	500	PR	6-10 years	\$32,000	23
150	0	1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	PR	1-5 years	\$32,000	36
151	0	1252	Hotchkiss Street	Wanda Miller Road	End	0.1	50	PR	6-10 years	\$35,000	12
152	2	1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	500	R	6-10 years	\$32,000	24
153	2	1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	500	R	6-10 years	\$27,000	22
154	3	1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	PR	1-5 years	\$202,000	38
155	3	1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	310	PR	1-5 years	\$90,000	41
156	1	1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	PR	6-10 years	\$65,000	16
157	1	1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	310	PR	6-10 years	\$51,000	19
158	3	1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	PR	1-5 years	\$74,000	31
159	2	1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	150	PR	1-5 years	\$115,000	30
160	1	1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	40	PR	now	\$10,000	26
161	2	1399	Sophers Landing Road	Sophers Landing Road	End	0.4	150	PR	1-5 years	\$65,000	31
162	2	1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	162	PR	1-5 years	\$22,000	29
163	1	1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	150	PR	6-10 years	\$26,000	22
164	2	1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$38,000	24
165	2	1154	Main Street	Muskoka Road S	First Street S	0.1	400	PR	1-5 years	\$29,000	36
166	2	1254	Main Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	31
167	2	1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	150	PR	1-5 years	\$136,000	31
168	2	1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	150	PR	1-5 years	\$15,000	28
169	1	1270	Hill Street	Hill Street	End	0.1	100	PR	1-5 years	\$18,000	30
170	2	1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	359	PR	1-5 years	\$568,000	31
171	1	1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	150	PR	1-5 years	\$338,000	26

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
172	0	1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	50	PR	1-5 years	\$54,000	23	
173	0	1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	50	PR	6-10 years	\$12,000	15	
174	2	1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	150	PR	6-10 years	\$34,000	26	
175	1	1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	165	PR	6-10 years	\$43,000	21	
176	0	1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	20	PR	1-5 years	\$46,000	26	
177	2	1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	600	PR	6-10 years	\$31,000	21	
178	1	1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	100	PR	1-5 years	\$42,000	32	
179	1	1113	Brown Street	John Street N	Mary Street N	0.1	1000	PR	1-5 years	\$31,000	50	
180	2	1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	100	PR	1-5 years	\$33,000	37	
181	1	1066	Golf Club Road	Hoc-Roc Drive	End	0.3	100	PR	1-5 years	\$39,000	35	
182	2	1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	300	PR	6-10 years	\$180,000	25	
183	2	1363	McPherson Street	Private Street	Bakery Lane	0.1	300	PR	6-10 years	\$27,000	25	
184	1	1286	McPherson Street	Readman Street	End	0.0	250	PR	1-5 years	\$10,000	25	
185	1	1287	McPherson Street	Readman Street	Private Street	0.1	250	PR	6-10 years	\$20,000	17	
186	2	1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	300	PR	1-5 years	\$49,000	27	
										Year 6 total	\$3,310,000	
Year 7 2028												
187	2	1517	Austin Street	Fraser Street	Lorne Street	0.1	250	REC	now	\$92,000	50	
188	2	1516	Austin Street	Wagner Street	Fraser Street	0.1	250	PR	1-5 years	\$25,000	39	
189	2	1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	PR	1-5 years	\$24,000	32	
190	1	1513	Austin Street	Winewood Avenue W	George Street	0.1	250	PR	6-10 years	\$23,000	20	
191	2	1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	55	BS	now	\$120,000	34	
192	1	1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	40	PR	now	\$13,000	28	
193	1	2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	20	PR	now	\$13,000	26	
194	1	1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	100	PR	1-5 years	\$48,000	38	
195	1	1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	100	PR	1-5 years	\$67,000	26	
196	1	1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	100	PR	6-10 years	\$4,000	18	
197	1	1429	Shady Lane	Road 6000	Silver Birch Road	0.9	55	BS	now	\$173,000	37	
198	2	1118	Clarence Street	Gillan Drive	Edward Street	0.1	500	PR	6-10 years	\$14,000	26	
199	1	1352	Clarence Street	Nelson Street	Caroline Street	0.1	300	PR	6-10 years	\$25,000	22	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
200	1	1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	100	PR	1-5 years	\$75,000	34
201	1	1613	Tower Crescent	1701 Highway 11 S	End	0.6	100	PR	1-5 years	\$92,000	24
202	1	1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	100	PR	6-10 years	\$25,000	21
203	1	1317	Henry Island Road	Muskoka Road N	End	0.3	100	PR	1-5 years	\$40,000	35
204	2	1518	Canning Road	Highway 11 S	Baseline Road	1.0	306	PR	6-10 years	\$235,000	26
205	2	1098	Canning Road	Baseline Road	Southwood Road	1.0	300	PR	6-10 years	\$231,000	24
206	1	1264	Lakeshore Drive	Sunshine Court	End	1.2	100	PR	1-5 years	\$181,000	31
207	1	1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	200	PR	1-5 years	\$31,000	33
208	1	1610	Violet Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$33,000	22
209	1	1609	Violet Street	Muskoka Road S	First Street S	0.1	400	PR	6-10 years	\$32,000	19
210	1	1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	80	PR	1-5 years	\$60,000	33
211	0	1401	Whitehead Road	Road 3500	Road 3600	0.6	40	PR	6-10 years	\$71,000	21
212	0	1402	Whitehead Road	Road 3600	End	0.1	20	PR	1-5 years	\$18,000	22
213	1	1563	Third Street	Phillip Street E	End	0.1	200	PR	1-5 years	\$11,000	30
214	1	1605	Third Street	David Street	Pinedale Road	0.1	200	PR	1-5 years	\$23,000	29
215	1	1420	Third Street	Phillip Street E	Bishop Street	0.1	200	PR	6-10 years	\$24,000	25
216	1	1597	Third Street	Pinedale Road	End	0.2	100	PR	1-5 years	\$41,000	25
217	1	1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	40	BS	now	\$83,000	35
218	1	1102	Bishop Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	20
219	1	1103	Bishop Street	Bethune Drive S	Third Street	0.1	200	PR	6-10 years	\$31,000	24
220	0	1105	Bishop Street	Fourth Street	End	0.1	40	PR	1-5 years	\$15,000	25
221	0	1101	Bishop Street	First Street S	End	0.0	10	PR	1-5 years	\$10,000	21
222	1	1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	93	PR	1-5 years	\$147,000	29
223	0	1340	Tomingas Road	Bird Haven Way	End	1.0	60	REC	now	\$773,000	45
224	1	1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	30	PR	now	\$30,000	28
225	1	1524	Farquhar Street	Muskoka Road N	John Street N	0.1	250	PR	1-5 years	\$32,000	26
226	1	1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	250	PR	6-10 years	\$30,000	23
227	0	1525	Farquhar Street	John Street N	Mary Street N	0.1	250	PR	6-10 years	\$30,000	18
228	0	1519	Farquhar Street	Austin Street	Abbey Lane	0.1	70	PR	1-5 years	\$31,000	23
229	1	1204	Hughson Street	John Street N	Mary Street N	0.1	300	PR	6-10 years	\$38,000	30

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
230	1	1168	Cherokee Lane	Bay Street	End	0.2	200	PR	6-10 years	\$32,000	24	
231	1	1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	200	PR	1-5 years	\$19,000	31	
232	0	1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	200	PR	6-10 years	\$88,000	27	
										Year 7 total	\$3,284,000	
Year 8 2029												
233	1	1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	200	PR	1-5 years	\$155,000	32	
234	1	1372	Sedore Road	Ure Road	Beiers Road	1.8	200	PR	6-10 years	\$428,000	23	
235	1	1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	200	PR	6-10 years	\$16,000	20	
236	1	1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	PR	6-10 years	\$30,000	17	
237	1	1428	Sedore Road	Highway 11 N	Luigi Road	0.1	100	PR	1-5 years	\$16,000	24	
238	1	1060	George Street	Mary Street N	Sarah Street N	0.1	140	PR	1-5 years	\$31,000	37	
239	1	1215	George Street	Muskoka Road N	John Street N	0.1	150	PR	1-5 years	\$31,000	34	
240	1	1059	George Street	John Street N	Mary Street N	0.1	140	PR	1-5 years	\$31,000	34	
241	1	1061	George Street	Sarah Street N	Austin Street	0.1	140	PR	6-10 years	\$29,000	20	
242	1	1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	150	PR	1-5 years	\$44,000	41	
243	1	1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	250	PR	1-5 years	\$115,000	26	
244	1	1085	Art Crisp Road	Baseline Road	End	1.1	70	PR	1-5 years	\$161,000	31	
245	1	1055	Bakery Lane	Muskoka Road 169	Mcperson Street	0.1	200	PR	1-5 years	\$18,000	25	
246	1	1594	Talbot Trail	Graham Road	Joseph Pl	0.1	100	PR	6-10 years	\$18,000	22	
247	1	1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	100	PR	6-10 years	\$46,000	19	
248	0	1588	Talbot Trail	Alana Boulevard	End	0.1	50	PR	6-10 years	\$22,000	22	
249	1	1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	30	PR	now	\$54,000	24	
250	1	1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	200	R	6-10 years	\$24,000	17	
251	1	1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	200	PR	6-10 years	\$36,000	27	
252	0	1598	Winewood Avenue W	Austin Street	End	0.1	40	PR	1-5 years	\$25,000	23	
253	1	1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	55	PR	1-5 years	\$303,000	32	
254	1	1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	100	PR	6-10 years	\$223,000	20	
255	1	1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	100	PR	6-10 years	\$49,000	20	
256	1	1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	300	PR	6-10 years	\$34,000	21	
257	1	1170	Isaac Street	John Street N	Mary Street N	0.1	150	PR	1-5 years	\$30,000	29	
258	1	1171	Isaac Street	Mary Street N	Sarah Street N	0.1	150	PR	6-10 years	\$30,000	24	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
259	0	1172	Isaac Street	Sarah Street N	End	0.1	70	PR	6-10 years	\$32,000	15
260	1	1196	Parkholme Road	Road 5400	End	0.3	20	PR	now	\$17,000	29
261	0	1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	30	PR	1-5 years	\$22,000	26
262	1	1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	150	PR	1-5 years	\$25,000	28
263	1	1283	Mary Street N	Farquhar Street	Wagner Street	0.1	150	PR	6-10 years	\$30,000	25
264	1	1275	Mary Street N	Bay Street	Hughson Street	0.1	200	PR	6-10 years	\$25,000	18
265	1	1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	150	PR	6-10 years	\$27,000	25
266	1	1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	PR	6-10 years	\$42,000	22
267	0	1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	30	PR	1-5 years	\$40,000	27
268	1	1158	Elder Street	Muskoka Road N	First Street N	0.1	200	PR	6-10 years	\$31,000	24
269	1	2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	BS	now	\$67,000	36
270	0	2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	10	PR	now	\$623,000	29
271	1	1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	300	PR	6-10 years	\$63,000	19
272	1	1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	PR	6-10 years	\$37,000	18
273	1	1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	PR	6-10 years	\$35,000	18
274	1	1347	North Sunset Bay Road	Narrows Road	End	0.8	30	PR	now	\$64,000	24
275	1	1193	Oriole Crescent	Islander Drive	End	0.2	150	PR	1-5 years	\$62,000	31
276	0	1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	101	PR	1-5 years	\$36,000	29
									Year 8 total	\$3,277,000	
Year 9		2030									
277	1	1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	300	PR	6-10 years	\$130,000	19
278	1	1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	200	PR	6-10 years	\$98,000	22
279	1	1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	200	PR	6-10 years	\$26,000	17
280	1	1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	PR	6-10 years	\$28,000	24
281	1	1078	Clairmont Road	Bay Street	End	0.2	150	PR	6-10 years	\$41,000	23
282	1	1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	300	PR	6-10 years	\$38,000	19
283	1	1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	PR	1-5 years	\$101,000	27
284	0	1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	PR	6-10 years	\$95,000	21
285	0	1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	50	PR	6-10 years	\$74,000	17
286	0	1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	PR	6-10 years	\$15,000	16

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
287	0	1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	50	PR	1-5 years	\$101,000	22
288	0	1713	Brydons Bay Road	Brydons Bay Road	End	0.3	20	PR	6-10 years	\$42,000	14
289	0	1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	5	PR	6-10 years	\$5,000	12
290	0	1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	PR	1-5 years	\$13,000	25
291	1	1306	Severn River Road	East Severn River Road	End	0.8	55	PR	1-5 years	\$128,000	24
292	0	1305	Severn River Road	Southwood Road	East Severn River Road	0.5	55	PR	6-10 years	\$81,000	13
293	1	1303	Langford Drive	Winhara Road	End	0.2	200	PR	6-10 years	\$52,000	22
294	1	1475	Private Street	Mcperson Street	End	0.1	50	PR	1-5 years	\$8,000	25
295	0	1476	Private Street	Mcperson Street	Musquash Road	0.2	100	PR	6-10 years	\$46,000	19
296	1	1520	Bird Haven Way	Tomingas Road	End	0.2	20	PR	now	\$10,000	23
297	1	1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	250	PR	6-10 years	\$31,000	17
298	1	1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	PR	now	\$23,000	24
299	0	1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	15	PR	1-5 years	\$6,000	25
300	1	1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	180	PR	6-10 years	\$113,000	22
301	1	1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	180	PR	6-10 years	\$6,000	16
302	0	1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	10	BS	now	\$217,000	37
303	0	1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	10	PR	6-10 years	\$135,000	14
304	1	1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	150	PR	6-10 years	\$31,000	19
305	1	1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	PR	6-10 years	\$101,000	16
306	1	1568	Sixth Street	Phillip Street E	David Street	0.3	100	PR	1-5 years	\$70,000	28
307	0	1569	Sixth Street	David Street	End	0.3	50	PR	1-5 years	\$55,000	22
308	0	1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	60	PR	6-10 years	\$137,000	18
309	1	1629	Tryon Drive	Hastings Drive	Erins Way	0.2	200	PR	6-10 years	\$61,000	17
310	1	1038	Fraser Street	Emma Street	Austin Street	0.2	100	PR	1-5 years	\$48,000	31
311	0	1039	Fraser Street	Austin Street	Louise Street	0.1	100	PR	6-10 years	\$35,000	22
312	0	1139	Cyril Gill Drive	Road 1100	End	0.1	20	PR	now	\$9,000	24
313	0	1388	Silver Birch Road	Pudder Road	End	0.2	40	PR	1-5 years	\$26,000	25
314	0	1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	50	PR	6-10 years	\$26,000	15
315	0	1387	Silver Birch Road	Damin Road	Pudden Road	0.2	40	PR	6-10 years	\$29,000	16
316	1	1512	Crawford Road	Jones Road	End	0.5	175	PR	6-10 years	\$116,000	16
317	1	1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	PR	6-10 years	\$135,000	22

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
318	1	1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	140	PR	6-10 years	\$25,000	17
319	0	1130	Joseph Pl	Talbot Trail	End	0.1	60	PR	6-10 years	\$22,000	17
320	0	1146	Fernwood Drive	James Street	Pratt Crescent	0.3	300	PR	1-5 years	\$96,000	42
321	0	1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	200	PR	6-10 years	\$66,000	18
322	1	1141	David Street	Fifth Street	Sixth Street	0.1	150	PR	6-10 years	\$32,000	16
323	0	1071	David Street	First Street S	Bethune Drive S	0.1	268	PR	6-10 years	\$33,000	22
324	0	1142	David Street	Sixth Street	End	0.1	50	PR	6-10 years	\$24,000	20
325	0	1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	450	PR	6-10 years	\$90,000	29
326	0	1426	Second Street S	Brock Street	Royal Street	0.1	500	R	6-10 years	\$35,000	33
327	1	1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	100	PR	1-5 years	\$29,000	25
328	0	1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	200	PR	6-10 years	\$85,000	20
329	1	1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	100	PR	6-10 years	\$88,000	22
330	0	1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	12	PR	now	\$8,000	29
331	0	1272	Old Portage Road	Brydons Bay Road	End	0.6	35	PR	1-5 years	\$81,000	23
332	0	1230	Rayner Street	David Street	Pinedale Road	0.1	100	PR	6-10 years	\$28,000	23
Year 9 total										\$3,284,000	
Year 10 2031											
333	0	1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	150	PR	6-10 years	\$75,000	16
334	0	1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	100	PR	6-10 years	\$36,000	19
335	0	1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	25	PR	1-5 years	\$66,000	27
336	0	1542	Jim Wood Lane	Jim Wood Lane	End	0.5	25	PR	6-10 years	\$65,000	15
337	0	1492	Road 7000	Kilworthy Road	End	0.3	10	PR	now	\$22,000	28
338	0	1120	Charles Road	Muskoka Road 169	End	1.0	50	REC	now	\$767,000	38
339	0	1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	PR	6-10 years	\$29,000	22
340	0	1129	Goldfinch Court	Kilworthy Road	End	0.2	40	REC	now	\$148,000	37
341	0	1480	Revell Street	Dungey Street	End	0.2	50	PR	1-5 years	\$35,000	30
342	0	1658	Barnes Road	Winhara Road	End	0.7	30	PR	1-5 years	\$104,000	22
343	0	1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	20	PR	1-5 years	\$22,000	29
344	0	1069	Freeland Drive	Thain Street W	End	0.2	75	R	6-10 years	\$35,000	16
345	0	1202	Hopkins Road	Merkley Road	End	0.5	10	PR	now	\$34,000	25

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
346	0	1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	PR	6-10 years	\$100,000	17
347	0	1181	Emma Street	Wagner Street	Fraser Street	0.1	50	PR	1-5 years	\$19,000	29
348	0	1659	Grace Court	Gateway Drive	End	0.1	30	PR	1-5 years	\$24,000	21
349	0	1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	80	PR	6-10 years	\$59,000	19
350	0	1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	70	PR	1-5 years	\$62,000	24
351	0	1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	70	PR	6-10 years	\$70,000	22
352	0	1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	70	PR	6-10 years	\$79,000	15
353	0	1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	125	PR	6-10 years	\$85,000	15
354	0	1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	50	PR	6-10 years	\$143,000	13
355	0	1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	50	PR	6-10 years	\$43,000	13
356	0	1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	50	PR	1-5 years	\$13,000	24
357	0	1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	90	PR	6-10 years	\$22,000	15
358	0	1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	80	PR	6-10 years	\$63,000	20
359	0	1394	Phillip Street E	Fourth Street	Sixth Street	0.1	270	R	6-10 years	\$16,000	28
360	0	1299	Juniper Drive	Peninsula Road	End	0.2	27	REC	now	\$147,000	36
361	0	1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	70	PR	6-10 years	\$32,000	20
362	0	1147	Fifth Street	David Street	End	0.1	50	PR	1-5 years	\$18,000	22
363	0	1593	Taverner Road	Doe Lake Road	End	0.4	30	PR	6-10 years	\$54,000	15
364	0	1047	John Street S	Ridge Road	End	0.2	50	PR	1-5 years	\$44,000	23
365	0	1427	Wanda Miller Road	Hotchkiss Street	End	0.1	50	PR	6-10 years	\$19,000	19
366	0	1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	200	PR	6-10 years	\$24,000	18
367	0	1558	Peter Street	Mary Street N	Sarah Street N	0.1	150	PR	1-5 years	\$31,000	32
368	0	1557	Peter Street	John Street N	Mary Street N	0.1	150	PR	6-10 years	\$38,000	16
369	0	1011	Heywood Lane	Gravenhurst Parkway	End	0.1	70	PR	6-10 years	\$33,000	15
370	0	1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	20	PR	6-10 years	\$10,000	16
371	0	1050	Catherine Street W	Alexander Street	Douglas Street	0.1	70	PR	6-10 years	\$32,000	15
372	0	1127	Dove Drive	Kilworthy Road	End	0.1	20	PR	6-10 years	\$8,000	17
373	0	1511	Cox Road	Highway 11 S	End	0.3	10	PR	1-5 years	\$47,000	28
374	0	1566	Simpson Road	Bethune Drive N	End	0.5	30	PR	1-5 years	\$110,000	24
375	0	1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	30	PR	1-5 years	\$55,000	22

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 1: No Surface Upgrades, No Storm Sewer Upgrades

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
376	0	1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	27	PR	1-5 years	\$26,000	21
377	0	1151	Fourth Street	Phillip Street E	Bishop Street	0.1	50	PR	6-10 years	\$25,000	13
378	0	1152	Fourth Street	Bishop Street	End	0.1	30	PR	6-10 years	\$13,000	16
379	0	1608	Watson Lane	Pratt Crescent	End	0.1	50	PR	6-10 years	\$14,000	13
380	0	1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	20	PR	1-5 years	\$60,000	21
381	0	1339	Heron Lane	Kilworthy Road	End	0.1	10	REC	now	\$38,000	34
382	0	1190	Moody Drive	Bethune Drive N	End	0.1	50	PR	6-10 years	\$26,000	13
383	0	1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	141	PR	6-10 years	\$46,000	15
384	0	1731	Hummingbird Lane	Kilworthy Road	End	0.1	10	PR	6-10 years	\$8,000	14
385	0	1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	20	PR	6-10 years	\$44,000	16
386	0	1145	Dungey Street	Revell Street	End	0.1	10	PR	6-10 years	\$12,000	14
387	0	1562	Theatre Road	Gravenhurst Pkwy	End	0.2	10	PR	6-10 years	\$54,000	12
Year 10 total										\$3,304,000	
10 year total										\$32,927,000	
Annual average										\$3,292,700	

R - resurface with 1 or 2 lifts

REC - reconstruct

PR - pulverize and resurface with 1 or 2 lifts

BS - base and surface

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 1 2022											
1	64	1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	BS	now	\$192,000	82
2	64	2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	4300	BS	now	\$192,000	82
3	23	1698	James Street	John Street S	347m W of John Street S	0.4	4300	R	1-5 years	\$83,000	50
4	1	1319	James Street	Muskoka Road S	End	0.0	300	PR	6-10 years	\$12,000	22
5	3	1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	350	PR	1-5 years	\$91,000	41
6	3	1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	400	PR	1-5 years	\$51,000	46
7	3	1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	350	PR	1-5 years	\$21,000	39
8	2	1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	250	PR	1-5 years	\$89,000	39
9	1	1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	253	PR	6-10 years	\$38,000	23
10	1	1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	1100	PR	6-10 years	\$9,000	28
11	1	1464	Pinedale Road	Third Street	Pinetree Street	0.1	850	PR	6-10 years	\$29,000	28
12	0	1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	8	PR	1-5 years	\$157,000	22
13	0	1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	8	PR	1-5 years	\$62,000	21
14	0	1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	PR	6-10 years	\$55,000	17
15	1	1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	148	REC	now	\$417,000	46
16	12	1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	1500	PR	1-5 years	\$223,000	60
17	9	1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	1500	PR	1-5 years	\$91,000	49
18	4	1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	534	PR	1-5 years	\$127,000	46
19	4	1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	450	PR	1-5 years	\$452,000	44
20	2	1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	190	PR	1-5 years	\$40,000	39
21	3	2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	534	PR	1-5 years	\$117,000	35
22	5	1551	First Street S	Sharpe Street E	Phillip Street E	0.1	600	REC	now	\$77,000	68
23	9	1553	First Street S	Phillip Street E	Bishop Street	0.1	600	BS	now	\$33,000	53
24	9	1311	First Street S	Bishop Street	David Street	0.1	600	BS	now	\$33,000	55
25	1	1183	First Street S	David Street	Veterans Way	0.1	400	PR	1-5 years	\$25,000	48
26	0	1184	First Street S	Veterans Way	Main Street	0.1	200	PR	1-5 years	\$20,000	42
27	2	1312	First Street S	Main Street	Violet Street	0.2	400	PR	1-5 years	\$40,000	34
28	0	1313	First Street S	Violet Street	Bethune Drive S	0.3	400	PR	6-10 years	\$77,000	27
29	2	1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	127	PR	1-5 years	\$608,000	39
30	1	1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	PR	6-10 years	\$215,000	20

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
31	1	1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	100	PR	6-10 years	\$76,000	23
32	1	1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	240	PR	6-10 years	\$150,000	20
Year 1 total										\$3,902,000	
Year 2 2023											
33	6	2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	240	BS	now	\$1,364,000	43
34	1	1221	Peninsula Road	Dewdrop Lane	Deepwater Drive	1.1	100	PR	6-10 years	\$244,000	16
35	0	1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	25	PR	6-10 years	\$59,000	12
36	5	1210	First Street N	Brock Street	Harvie Street	0.1	2000	REC	now	\$219,000	70
37	1	1550	First Street N	Harvie Street	Church Street	0.1	1000	R	1-5 years	\$25,000	56
38	7	1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	850	PR	1-5 years	\$48,000	51
39	6	1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	340	BS	now	\$216,000	45
40	4	1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	820	PR	1-5 years	\$195,000	38
41	4	1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	500	PR	1-5 years	\$223,000	48
42	3	1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	455	REC	now	\$78,000	61
43	2	1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	455	PR	6-10 years	\$14,000	22
44	2	1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	360	PR	6-10 years	\$18,000	22
45	6	1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	332	BS	now	\$197,000	51
46	2	1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	300	PR	1-5 years	\$153,000	27
47	3	1233	Reay Road	Little Norway Lane	Elzner Road	2.5	120	BS	now	\$653,000	40
Year 2 total										\$3,706,000	
Year 3 2024											
48	5	1449	Sarah Street N	George Street	Winewood Avenue W	0.1	800	R	6-10 years	\$22,000	37
49	4	1444	Sarah Street N	Bay Street	Hughson Street	0.1	900	PR	6-10 years	\$22,000	27
50	1	1446	Sarah Street N	Brown Street	Peter Street	0.1	997	R	6-10 years	\$16,000	34
51	2	1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	175	PR	6-10 years	\$49,000	25
52	1	1234	Reay Road	Elzner Road	End	1.0	120	REC	now	\$779,000	47
53	4	1304	Little Norway Lane	Reay Road	End	0.5	140	BS	now	\$129,000	42
54	0	1549	Elzner Road	Reay Road	End	0.7	30	REC	now	\$570,000	39
55	4	1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	175	BS	now	\$497,000	43
56	2	1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	150	PR	1-5 years	\$218,000	38

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
57	1	1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	150	REC	now	\$81,000	46
58	0	1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	50	PR	1-5 years	\$11,000	22
59	6	1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	400	BS	now	\$52,000	46
60	5	1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	300	BS	now	\$26,000	46
61	4	1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	400	PR	1-5 years	\$40,000	45
62	3	1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	400	PR	1-5 years	\$21,000	42
63	3	1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	400	PR	1-5 years	\$77,000	39
64	3	1239	Kilworthy Road	Kilworthy Road	End	2.0	300	PR	1-5 years	\$478,000	42
65	6	1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	349	BS	now	\$466,000	46
66	1	1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	110	PR	1-5 years	\$96,000	29
67	6	1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	PR	1-5 years	\$24,000	40
68	5	1027	John Street N	George Street	Winewood Avenue W	0.1	950	PR	1-5 years	\$29,000	42
69	4	1044	John Street N	Peter Street	Isaac Street	0.1	950	PR	1-5 years	\$29,000	36
70	3	1029	John Street N	Farquhar Street	Wagner Street	0.1	500	PR	1-5 years	\$31,000	34
									Year 3 total	\$3,763,000	
Year 4 2025											
71	1	1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	80	PR	1-5 years	\$77,000	26
72	1	1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	60	PR	1-5 years	\$11,000	29
73	1	1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	60	PR	1-5 years	\$15,000	26
74	0	1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	30	PR	1-5 years	\$70,000	32
75	0	1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	40	PR	1-5 years	\$35,000	23
76	5	1477	Progress Road	Industrial Drive	Jones Road	0.5	300	BS	now	\$155,000	44
77	4	1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	168	BS	now	\$94,000	43
78	1	1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	50	BS	now	\$40,000	37
79	1	1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	150	REC	now	\$947,000	45
80	1	1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	PR	1-5 years	\$51,000	31
81	0	1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	10	PR	1-5 years	\$65,000	25
82	4	1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	124	BS	now	\$205,000	42
83	1	1482	Sniders Bay Road	Sniders Bay Road	End	0.5	40	PR	1-5 years	\$77,000	31
84	5	1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	BS	now	\$381,000	45

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
85	3	1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	PR	1-5 years	\$36,000	35
86	3	1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	PR	1-5 years	\$282,000	32
87	2	1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	PR	6-10 years	\$115,000	22
88	5	1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	750	PR	1-5 years	\$14,000	45
89	2	1545	Jones Road	Forest Glen Drive	Progress Road	0.3	500	PR	6-10 years	\$88,000	26
90	1	1258	Jones Road	Progress Road	Elwell Park Road	0.2	150	PR	6-10 years	\$60,000	24
91	2	1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	557	PR	6-10 years	\$253,000	23
92	1	1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	PR	6-10 years	\$157,000	21
93	0	1064	Graham Road	Bowers Lane	Bagley Road	0.5	50	PR	6-10 years	\$104,000	20
94	0	1065	Graham Road	Bagley Road	Godfrey Road	0.2	20	PR	6-10 years	\$36,000	14
95	3	1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	711	R	6-10 years	\$38,000	32
96	2	2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	80	PR	now	\$13,000	30
97	5	1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	PR	1-5 years	\$227,000	44
98	3	1692	Pinedale Lane	160m of Arnes Drive	End	0.1	200	PR	now	\$23,000	39
99	1	1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	200	PR	1-5 years	\$38,000	33
100	1	1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	400	PR	6-10 years	\$58,000	19
101	2	1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	500	R	6-10 years	\$24,000	23
									Year 4 total	\$3,789,000	
Year 5 2026											
102	4	1326	Lorne Street	Wagner Street	Islander Drive	0.1	713	PR	1-5 years	\$15,000	42
103	3	1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	600	PR	1-5 years	\$38,000	38
104	2	1330	Lorne Street	Louise Street	Gateway Drive	0.2	220	PR	1-5 years	\$47,000	28
105	2	1329	Lorne Street	Austin Street	Louise Street	0.1	300	PR	1-5 years	\$28,000	31
106	1	1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	550	PR	1-5 years	\$72,000	48
107	1	1331	Lorne Street	Gateway Drive	End	0.1	100	PR	1-5 years	\$20,000	24
108	3	1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	1.0	250	PR	1-5 years	\$195,000	30
109	1	1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	250	PR	1-5 years	\$40,000	26
110	2	1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	PR	1-5 years	\$140,000	36
111	2	1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	PR	1-5 years	\$1,009,000	39
112	1	1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	PR	6-10 years	\$84,000	21

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
113	3	1342	Industrial Drive	Jones Road	Progress Road	0.2	600	PR	1-5 years	\$52,000	39
114	2	1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	230	PR	1-5 years	\$38,000	32
115	2	1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	150	PR	1-5 years	\$276,000	35
116	2	1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	210	PR	6-10 years	\$55,000	23
117	2	1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	290	PR	1-5 years	\$12,000	32
118	1	1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	PR	6-10 years	\$61,000	23
119	1	1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	150	PR	6-10 years	\$106,000	19
120	3	1617	Wagner Street	Emma Street	Sarah Street N	0.1	500	PR	1-5 years	\$14,000	33
121	3	1616	Wagner Street	Mary Street N	Emma Street	0.1	500	PR	6-10 years	\$14,000	32
122	3	1615	Wagner Street	John Street N	Mary Street N	0.1	500	PR	6-10 years	\$31,000	31
123	2	1614	Wagner Street	John Street N	Lorne Street	0.3	750	PR	6-10 years	\$85,000	23
124	0	1619	Wagner Street	Austin Street	Louise Street	0.1	200	PR	6-10 years	\$28,000	16
125	2	1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	90	BS	now	\$102,000	38
126	2	1148	Merkley Road	Barkway Road	Fire Route A1	1.6	124	PR	1-5 years	\$295,000	39
127	2	1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	250	PR	6-10 years	\$109,000	24
128	2	1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	300	PR	1-5 years	\$31,000	27
129	2	1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	386	PR	6-10 years	\$117,000	27
130	1	1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	200	PR	6-10 years	\$45,000	20
131	1	1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	150	PR	6-10 years	\$27,000	19
132	1	1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	150	PR	6-10 years	\$31,000	17
133	1	1194	Parkers Point Road	Eppy Lane	End	0.6	100	PR	6-10 years	\$132,000	19
134	2	1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	526	R	6-10 years	\$34,000	28
135	0	1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	500	PR	6-10 years	\$32,000	23
136	0	1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	PR	1-5 years	\$32,000	36
137	0	1252	Hotchkiss Street	Wanda Miller Road	End	0.1	50	PR	6-10 years	\$35,000	12
138	2	1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	500	R	6-10 years	\$32,000	24
139	2	1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	500	R	6-10 years	\$27,000	22
140	3	1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	514	PR	1-5 years	\$236,000	32
141	2	1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	300	PR	1-5 years	\$16,000	33
142	1	1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	200	PR	1-5 years	\$20,000	26
									Year 5 total	\$3,813,000	

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 6 2027											
143	2	1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	210	PR	1-5 years	\$353,000	28
144	2	1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	415	PR	1-5 years	\$119,000	30
145	1	1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	150	PR	6-10 years	\$55,000	26
146	1	1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	150	PR	6-10 years	\$149,000	22
147	2	1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	150	PR	1-5 years	\$171,000	35
148	2	1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	200	PR	1-5 years	\$18,000	31
149	1	1163	Cowbell Lane	Manson Lane	End	1.1	150	PR	6-10 years	\$229,000	18
150	3	1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	PR	1-5 years	\$202,000	38
151	3	1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	310	PR	1-5 years	\$90,000	41
152	1	1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	PR	6-10 years	\$90,000	16
153	1	1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	310	PR	6-10 years	\$51,000	19
154	3	1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	PR	1-5 years	\$74,000	31
155	2	1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	150	PR	1-5 years	\$158,000	30
156	1	1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	40	PR	now	\$10,000	26
157	2	1399	Sophers Landing Road	Sophers Landing Road	End	0.4	150	PR	1-5 years	\$90,000	31
158	2	1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	162	PR	1-5 years	\$30,000	29
159	1	1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	150	PR	6-10 years	\$36,000	22
160	2	1154	Main Street	Muskoka Road S	First Street S	0.1	400	PR	1-5 years	\$29,000	36
161	2	1254	Main Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	31
162	2	1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	150	PR	1-5 years	\$188,000	31
163	2	1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	359	PR	1-5 years	\$568,000	31
164	1	1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	150	PR	1-5 years	\$469,000	26
165	0	1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	50	PR	1-5 years	\$75,000	23
166	0	1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	50	PR	6-10 years	\$16,000	15
167	2	1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	150	PR	6-10 years	\$47,000	26
168	1	1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	165	PR	6-10 years	\$59,000	21
169	0	1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	20	PR	1-5 years	\$63,000	26
170	2	1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$38,000	24
171	2	1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	150	PR	1-5 years	\$20,000	28
172	1	1270	Hill Street	Hill Street	End	0.1	100	PR	1-5 years	\$24,000	30

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
173	2	1495	Royal Street	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$37,000	21
174	2	1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	600	PR	6-10 years	\$31,000	21
175	1	1496	Royal Street	First Street S	Second Street S	0.1	200	R	6-10 years	\$24,000	25
176	2	1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	300	PR	6-10 years	\$180,000	25
									Year 6 total	\$3,824,000	
Year 7 2028											
177	1	1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	PR	now	\$11,000	33
178	0	1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	30	PR	6-10 years	\$17,000	20
179	1	1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	100	PR	1-5 years	\$58,000	32
180	2	1363	McPherson Street	Private Street	Bakery Lane	0.1	300	PR	6-10 years	\$27,000	25
181	1	1286	McPherson Street	Readman Street	End	0.0	250	PR	1-5 years	\$10,000	25
182	1	1287	McPherson Street	Readman Street	Private Street	0.1	250	PR	6-10 years	\$20,000	17
183	2	1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	300	PR	1-5 years	\$49,000	27
184	1	1113	Brown Street	John Street N	Mary Street N	0.1	1000	PR	1-5 years	\$31,000	50
185	2	1517	Austin Street	Fraser Street	Lorne Street	0.1	250	REC	now	\$92,000	50
186	2	1516	Austin Street	Wagner Street	Fraser Street	0.1	250	PR	1-5 years	\$25,000	39
187	2	1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	PR	1-5 years	\$24,000	32
188	1	1513	Austin Street	Winewood Avenue W	George Street	0.1	250	PR	6-10 years	\$23,000	20
189	2	1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	100	PR	1-5 years	\$46,000	37
190	1	1066	Golf Club Road	Hoc-Roc Drive	End	0.3	100	PR	1-5 years	\$53,000	35
191	2	1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	55	BS	now	\$150,000	34
192	1	1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	40	PR	now	\$13,000	28
193	1	2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	20	PR	now	\$13,000	26
194	1	1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	100	PR	1-5 years	\$67,000	38
195	1	1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	100	PR	1-5 years	\$93,000	26
196	1	1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	100	PR	6-10 years	\$5,000	18
197	1	1429	Shady Lane	Road 6000	Silver Birch Road	0.9	55	BS	now	\$222,000	37
198	2	1118	Clarence Street	Gillan Drive	Edward Street	0.1	500	PR	6-10 years	\$14,000	26
199	1	1352	Clarence Street	Nelson Street	Caroline Street	0.1	300	PR	6-10 years	\$25,000	22
200	1	1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	100	PR	1-5 years	\$104,000	34

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
201	1	1613	Tower Crescent	1701 Highway 11 S	End	0.6	100	PR	1-5 years	\$127,000	24
202	1	1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	100	PR	6-10 years	\$34,000	21
203	2	1518	Canning Road	Highway 11 S	Baseline Road	1.0	306	PR	6-10 years	\$235,000	26
204	2	1098	Canning Road	Baseline Road	Southwood Road	1.0	300	PR	6-10 years	\$231,000	24
205	1	1264	Lakeshore Drive	Sunshine Court	End	1.2	100	PR	1-5 years	\$250,000	31
206	1	1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	200	PR	1-5 years	\$31,000	33
207	1	1610	Violet Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$33,000	22
208	1	1609	Violet Street	Muskoka Road S	First Street S	0.1	400	PR	6-10 years	\$32,000	19
209	1	1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	80	PR	1-5 years	\$83,000	33
210	0	1401	Whitehead Road	Road 3500	Road 3600	0.6	40	PR	6-10 years	\$96,000	21
211	0	1402	Whitehead Road	Road 3600	End	0.1	20	PR	1-5 years	\$24,000	22
212	1	1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	40	BS	now	\$106,000	35
213	1	1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	93	PR	1-5 years	\$204,000	29
214	0	1340	Tomingas Road	Bird Haven Way	End	1.0	60	REC	now	\$871,000	45
215	1	1055	Bakery Lane	Muskoka Road 169	Mcperson Street	0.1	200	PR	1-5 years	\$18,000	25
216	1	1563	Third Street	Phillip Street E	End	0.1	200	PR	1-5 years	\$11,000	30
217	1	1605	Third Street	David Street	Pinedale Road	0.1	200	PR	1-5 years	\$23,000	29
218	1	1420	Third Street	Phillip Street E	Bishop Street	0.1	200	PR	6-10 years	\$24,000	25
219	1	1597	Third Street	Pinedale Road	End	0.2	100	PR	1-5 years	\$41,000	25
220	1	1102	Bishop Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	20
221	1	1103	Bishop Street	Bethune Drive S	Third Street	0.1	200	PR	6-10 years	\$31,000	24
222	0	1105	Bishop Street	Fourth Street	End	0.1	40	PR	1-5 years	\$15,000	25
223	0	1101	Bishop Street	First Street S	End	0.0	10	PR	1-5 years	\$10,000	21
									Year 7 total	\$3,753,000	
Year 8	2029										
224	1	1317	Henry Island Road	Muskoka Road N	End	0.3	100	PR	1-5 years	\$55,000	35
225	1	1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	30	PR	now	\$30,000	28
226	1	1524	Farquhar Street	Muskoka Road N	John Street N	0.1	250	PR	1-5 years	\$32,000	26
227	1	1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	250	PR	6-10 years	\$30,000	23
228	0	1525	Farquhar Street	John Street N	Mary Street N	0.1	250	PR	6-10 years	\$30,000	18

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
229	0	1519	Farquhar Street	Austin Street	Abbey Lane	0.1	70	PR	1-5 years	\$31,000	23
230	1	1204	Hughson Street	John Street N	Mary Street N	0.1	300	PR	6-10 years	\$38,000	30
231	1	1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	200	PR	1-5 years	\$155,000	32
232	1	1372	Sedore Road	Ure Road	Beiers Road	1.8	200	PR	6-10 years	\$428,000	23
233	1	1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	200	PR	6-10 years	\$16,000	20
234	1	1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	PR	6-10 years	\$30,000	17
235	1	1428	Sedore Road	Highway 11 N	Luigi Road	0.1	100	PR	1-5 years	\$16,000	24
236	1	1168	Cherokee Lane	Bay Street	End	0.2	200	PR	6-10 years	\$32,000	24
237	1	1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	200	PR	1-5 years	\$19,000	31
238	0	1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	200	PR	6-10 years	\$88,000	27
239	1	1060	George Street	Mary Street N	Sarah Street N	0.1	140	PR	1-5 years	\$31,000	37
240	1	1215	George Street	Muskoka Road N	John Street N	0.1	150	PR	1-5 years	\$31,000	34
241	1	1059	George Street	John Street N	Mary Street N	0.1	140	PR	1-5 years	\$31,000	34
242	1	1061	George Street	Sarah Street N	Austin Street	0.1	140	PR	6-10 years	\$29,000	20
243	1	1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	150	PR	1-5 years	\$44,000	41
244	1	1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	250	PR	1-5 years	\$115,000	26
245	1	1085	Art Crisp Road	Baseline Road	End	1.1	70	PR	1-5 years	\$223,000	31
246	1	1594	Talbot Trail	Graham Road	Joseph Pl	0.1	100	PR	6-10 years	\$25,000	22
247	1	1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	100	PR	6-10 years	\$64,000	19
248	0	1588	Talbot Trail	Alana Boulevard	End	0.1	50	PR	6-10 years	\$30,000	22
249	1	1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	30	PR	now	\$54,000	24
250	1	1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	200	R	6-10 years	\$24,000	17
251	1	1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	200	PR	6-10 years	\$36,000	27
252	0	1598	Winewood Avenue W	Austin Street	End	0.1	40	PR	1-5 years	\$25,000	23
253	1	1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	55	PR	1-5 years	\$419,000	32
254	1	1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	100	PR	6-10 years	\$309,000	20
255	1	1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	100	PR	6-10 years	\$69,000	20
256	1	1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	300	PR	6-10 years	\$34,000	21
257	1	1170	Isaac Street	John Street N	Mary Street N	0.1	150	PR	1-5 years	\$30,000	29
258	1	1171	Isaac Street	Mary Street N	Sarah Street N	0.1	150	PR	6-10 years	\$30,000	24
259	0	1172	Isaac Street	Sarah Street N	End	0.1	70	PR	6-10 years	\$32,000	15

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
260	1	1196	Parkholme Road	Road 5400	End	0.3	20	PR	now	\$17,000	29	
261	0	1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	30	PR	1-5 years	\$22,000	26	
262	1	1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	150	PR	1-5 years	\$25,000	28	
263	1	1283	Mary Street N	Farquhar Street	Wagner Street	0.1	150	PR	6-10 years	\$30,000	25	
264	1	1275	Mary Street N	Bay Street	Hughson Street	0.1	200	PR	6-10 years	\$25,000	18	
265	1	1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	150	PR	6-10 years	\$27,000	25	
266	1	1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	PR	6-10 years	\$42,000	22	
267	0	1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	30	PR	1-5 years	\$56,000	27	
268	1	1158	Elder Street	Muskoka Road N	First Street N	0.1	200	PR	6-10 years	\$31,000	24	
269	1	2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	BS	now	\$67,000	36	
270	0	2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	10	PR	now	\$623,000	29	
271	1	1520	Bird Haven Way	Tomingas Road	End	0.2	20	PR	now	\$10,000	23	
272	1	1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	300	PR	6-10 years	\$63,000	19	
273	1	1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	PR	6-10 years	\$37,000	18	
										Year 8 total	\$3,790,000	
Year 9 2030												
274	1	1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	PR	6-10 years	\$48,000	18	
275	1	1347	North Sunset Bay Road	Narrows Road	End	0.8	30	PR	now	\$64,000	24	
276	1	1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	300	PR	6-10 years	\$130,000	19	
277	1	1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	200	PR	6-10 years	\$98,000	22	
278	1	1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	200	PR	6-10 years	\$26,000	17	
279	1	1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	PR	6-10 years	\$28,000	24	
280	1	1078	Clairmont Road	Bay Street	End	0.2	150	PR	6-10 years	\$41,000	23	
281	1	1193	Oriole Crescent	Islander Drive	End	0.2	150	PR	1-5 years	\$62,000	31	
282	0	1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	101	PR	1-5 years	\$36,000	29	
283	1	1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	300	PR	6-10 years	\$38,000	19	
284	1	1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	PR	1-5 years	\$139,000	27	
285	0	1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	PR	6-10 years	\$130,000	21	
286	0	1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	50	PR	6-10 years	\$102,000	17	
287	0	1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	PR	6-10 years	\$21,000	16	

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
288	0	1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	50	PR	1-5 years	\$101,000	22
289	0	1713	Brydons Bay Road	Brydons Bay Road	End	0.3	20	PR	6-10 years	\$57,000	14
290	0	1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	5	PR	6-10 years	\$7,000	12
291	0	1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	PR	1-5 years	\$17,000	25
292	1	1306	Severn River Road	East Severn River Road	End	0.8	55	PR	1-5 years	\$178,000	24
293	0	1305	Severn River Road	Southwood Road	East Severn River Road	0.5	55	PR	6-10 years	\$113,000	13
294	1	1303	Langford Drive	Winhara Road	End	0.2	200	PR	6-10 years	\$52,000	22
295	1	1475	Private Street	Mcperson Street	End	0.1	50	PR	1-5 years	\$10,000	25
296	0	1476	Private Street	Mcperson Street	Musquash Road	0.2	100	PR	6-10 years	\$46,000	19
297	1	1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	250	PR	6-10 years	\$31,000	17
298	1	1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	PR	now	\$23,000	24
299	0	1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	15	PR	1-5 years	\$7,000	25
300	1	1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	180	PR	6-10 years	\$113,000	22
301	1	1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	180	PR	6-10 years	\$6,000	16
302	0	1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	10	BS	now	\$217,000	37
303	0	1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	10	PR	6-10 years	\$185,000	14
304	1	1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	150	PR	6-10 years	\$31,000	19
305	1	1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	PR	6-10 years	\$101,000	16
306	1	1568	Sixth Street	Phillip Street E	David Street	0.3	100	PR	1-5 years	\$70,000	28
307	0	1569	Sixth Street	David Street	End	0.3	50	PR	1-5 years	\$55,000	22
308	0	1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	60	PR	6-10 years	\$189,000	18
309	1	1629	Tryon Drive	Hastings Drive	Erins Way	0.2	200	PR	6-10 years	\$61,000	17
310	1	1038	Fraser Street	Emma Street	Austin Street	0.2	100	PR	1-5 years	\$48,000	31
311	0	1039	Fraser Street	Austin Street	Louise Street	0.1	100	PR	6-10 years	\$35,000	22
312	0	1139	Cyril Gill Drive	Road 1100	End	0.1	20	PR	now	\$9,000	24
313	0	1388	Silver Birch Road	Pudder Road	End	0.2	40	PR	1-5 years	\$36,000	25
314	0	1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	50	PR	6-10 years	\$36,000	15
315	0	1387	Silver Birch Road	Damin Road	Pudder Road	0.2	40	PR	6-10 years	\$40,000	16
316	1	1512	Crawford Road	Jones Road	End	0.5	175	PR	6-10 years	\$116,000	16
317	1	1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	PR	6-10 years	\$135,000	22
318	1	1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	140	PR	6-10 years	\$25,000	17

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
319	0	1130	Joseph Pl	Talbot Trail	End	0.1	60	PR	6-10 years	\$30,000	17
320	0	1146	Fernwood Drive	James Street	Pratt Crescent	0.3	300	PR	1-5 years	\$96,000	42
321	0	1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	200	PR	6-10 years	\$66,000	18
322	1	1141	David Street	Fifth Street	Sixth Street	0.1	150	PR	6-10 years	\$32,000	16
323	0	1071	David Street	First Street S	Bethune Drive S	0.1	268	PR	6-10 years	\$33,000	22
324	0	1142	David Street	Sixth Street	End	0.1	50	PR	6-10 years	\$24,000	20
325	0	1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	450	PR	6-10 years	\$90,000	29
326	0	1426	Second Street S	Brock Street	Royal Street	0.1	500	R	6-10 years	\$35,000	33
327	1	1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	100	PR	1-5 years	\$29,000	25
328	0	1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	200	PR	6-10 years	\$85,000	20
329	1	1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	100	PR	6-10 years	\$88,000	22
330	0	1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	12	PR	now	\$8,000	29
331	0	1230	Rayner Street	David Street	Pinedale Road	0.1	100	PR	6-10 years	\$28,000	23
332	0	1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	27	PR	1-5 years	\$26,000	21
333	0	1492	Road 7000	Kilworthy Road	End	0.3	10	PR	now	\$22,000	28
Year 9 total										\$3,805,000	
Year 10	2031										
334	0	1272	Old Portage Road	Brydons Bay Road	End	0.6	35	PR	1-5 years	\$112,000	23
335	0	1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	150	PR	6-10 years	\$75,000	16
336	0	1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	100	PR	6-10 years	\$36,000	19
337	0	1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	25	PR	1-5 years	\$91,000	27
338	0	1542	Jim Wood Lane	Jim Wood Lane	End	0.5	25	PR	6-10 years	\$89,000	15
339	0	1120	Charles Road	Muskoka Road 169	End	1.0	50	REC	now	\$880,000	38
340	0	1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	PR	6-10 years	\$29,000	22
341	0	1129	Goldfinch Court	Kilworthy Road	End	0.2	40	REC	now	\$167,000	37
342	0	1480	Revell Street	Dungey Street	End	0.2	50	PR	1-5 years	\$35,000	30
343	0	1658	Barnes Road	Winhara Road	End	0.7	30	PR	1-5 years	\$144,000	22
344	0	1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	20	PR	1-5 years	\$29,000	29
345	0	1069	Freeland Drive	Thain Street W	End	0.2	75	R	6-10 years	\$35,000	16
346	0	1202	Hopkins Road	Merkley Road	End	0.5	10	PR	now	\$34,000	25

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
347	0	1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	PR	6-10 years	\$138,000	17
348	0	1181	Emma Street	Wagner Street	Fraser Street	0.1	50	PR	1-5 years	\$19,000	29
349	0	1659	Grace Court	Gateway Drive	End	0.1	30	PR	1-5 years	\$33,000	21
350	0	1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	80	PR	6-10 years	\$59,000	19
351	0	1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	70	PR	1-5 years	\$62,000	24
352	0	1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	70	PR	6-10 years	\$70,000	22
353	0	1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	70	PR	6-10 years	\$79,000	15
354	0	1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	125	PR	6-10 years	\$85,000	15
355	0	1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	50	PR	6-10 years	\$198,000	13
356	0	1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	50	PR	6-10 years	\$60,000	13
357	0	1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	50	PR	1-5 years	\$13,000	24
358	0	1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	90	PR	6-10 years	\$22,000	15
359	0	1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	80	PR	6-10 years	\$63,000	20
360	0	1394	Phillip Street E	Fourth Street	Sixth Street	0.1	270	R	6-10 years	\$16,000	28
361	0	1299	Juniper Drive	Peninsula Road	End	0.2	27	REC	now	\$174,000	36
362	0	1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	70	PR	6-10 years	\$32,000	20
363	0	1147	Fifth Street	David Street	End	0.1	50	PR	1-5 years	\$18,000	22
364	0	1593	Taverner Road	Doe Lake Road	End	0.4	30	PR	6-10 years	\$75,000	15
365	0	1047	John Street S	Ridge Road	End	0.2	50	PR	1-5 years	\$44,000	23
366	0	1427	Wanda Miller Road	Hotchkiss Street	End	0.1	50	PR	6-10 years	\$19,000	19
367	0	1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	200	PR	6-10 years	\$24,000	18
368	0	1558	Peter Street	Mary Street N	Sarah Street N	0.1	150	PR	1-5 years	\$31,000	32
369	0	1557	Peter Street	John Street N	Mary Street N	0.1	150	PR	6-10 years	\$38,000	16
370	0	1011	Heywood Lane	Gravenhurst Parkway	End	0.1	70	PR	6-10 years	\$33,000	15
371	0	1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	20	PR	6-10 years	\$13,000	16
372	0	1050	Catherine Street W	Alexander Street	Douglas Street	0.1	70	PR	6-10 years	\$32,000	15
373	0	1127	Dove Drive	Kilworthy Road	End	0.1	20	PR	6-10 years	\$11,000	17
374	0	1511	Cox Road	Highway 11 S	End	0.3	10	PR	1-5 years	\$65,000	28
375	0	1566	Simpson Road	Bethune Drive N	End	0.5	30	PR	1-5 years	\$110,000	24
376	0	1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	30	PR	1-5 years	\$55,000	22

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 2: Upgrade LCB Surfaces to HCB, No Storm Sewer Upgrades**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
377	0	1151	Fourth Street	Phillip Street E	Bishop Street	0.1	50	PR	6-10 years	\$25,000	13
378	0	1152	Fourth Street	Bishop Street	End	0.1	30	PR	6-10 years	\$13,000	16
379	0	1608	Watson Lane	Pratt Crescent	End	0.1	50	PR	6-10 years	\$14,000	13
380	0	1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	20	PR	1-5 years	\$60,000	21
381	0	1339	Heron Lane	Kilworthy Road	End	0.1	10	REC	now	\$44,000	34
382	0	1190	Moody Drive	Bethune Drive N	End	0.1	50	PR	6-10 years	\$26,000	13
383	0	1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	141	PR	6-10 years	\$46,000	15
384	0	1731	Hummingbird Lane	Kilworthy Road	End	0.1	10	PR	6-10 years	\$11,000	14
385	0	1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	20	PR	6-10 years	\$44,000	16
386	0	1145	Dungey Street	Revell Street	End	0.1	10	PR	6-10 years	\$12,000	14
387	0	1562	Theatre Road	Gravenhurst Pkwy	End	0.2	10	PR	6-10 years	\$54,000	12
Year 10 total										\$3,796,000	
10 year total										\$37,941,000	
Annual average										\$3,794,100	

R - resurface with 1 or 2 lifts
REC - reconstruct

PR - pulverize and resurface with 1 or 2 lifts
BS - base and surface

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 1 2022											
1	64	1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	BS	now	\$192,000	82
2	64	2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	4300	BS	now	\$192,000	82
3	23	1698	James Street	John Street S	347m W of John Street S	0.4	4300	R	1-5 years	\$83,000	50
4	1	1319	James Street	Muskoka Road S	End	0.0	300	PR	6-10 years	\$12,000	22
5	3	1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	350	PR	1-5 years	\$91,000	41
6	3	1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	400	PR	1-5 years	\$51,000	46
7	3	1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	350	PR	1-5 years	\$21,000	39
8	2	1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	250	PR	1-5 years	\$89,000	39
9	1	1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	253	PR	6-10 years	\$38,000	23
10	1	1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	1100	PR-S	6-10 years	\$42,000	28
11	1	1464	Pinedale Road	Third Street	Pinetree Street	0.1	850	PR-S	6-10 years	\$139,000	28
12	0	1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	8	PR	1-5 years	\$113,000	22
13	0	1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	8	PR	1-5 years	\$45,000	21
14	0	1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	PR	6-10 years	\$55,000	17
15	1	1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	148	REC	now	\$366,000	46
16	12	1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	1500	PR	1-5 years	\$223,000	60
17	9	1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	1500	PR	1-5 years	\$91,000	49
18	4	1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	534	PR	1-5 years	\$127,000	46
19	4	1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	450	PR	1-5 years	\$452,000	44
20	2	1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	190	PR	1-5 years	\$29,000	39
21	3	2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	534	PR	1-5 years	\$117,000	35
22	5	1551	First Street S	Sharpe Street E	Phillip Street E	0.1	600	REC	now	\$77,000	68
23	9	1553	First Street S	Phillip Street E	Bishop Street	0.1	600	BS	now	\$33,000	53
24	9	1311	First Street S	Bishop Street	David Street	0.1	600	BS	now	\$33,000	55
25	1	1183	First Street S	David Street	Veterans Way	0.1	400	PR-S	1-5 years	\$135,000	48
26	0	1184	First Street S	Veterans Way	Main Street	0.1	200	PR-S	1-5 years	\$99,000	42
27	2	1312	First Street S	Main Street	Violet Street	0.2	400	PR	1-5 years	\$40,000	34
28	0	1313	First Street S	Violet Street	Bethune Drive S	0.3	400	PR-S	6-10 years	\$361,000	27
29	2	1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	127	PR	1-5 years	\$438,000	39
									Year 1 total	\$3,784,000	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 2 2023											
30	2	1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	175	PR	6-10 years	\$36,000	25
31	1	1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	PR	6-10 years	\$156,000	20
32	1	1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	100	PR	6-10 years	\$55,000	23
33	6	2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	240	BS	now	\$1,048,000	43
34	1	1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	240	PR	6-10 years	\$107,000	20
35	1	1221	Peninsula Road	Dewdrop Lane	Deepwater Drive	1.1	100	PR	6-10 years	\$176,000	16
36	0	1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	25	PR	6-10 years	\$42,000	12
37	5	1210	First Street N	Brock Street	Harvie Street	0.1	2000	REC	now	\$219,000	70
38	1	1550	First Street N	Harvie Street	Church Street	0.1	1000	R-S	1-5 years	\$168,000	56
39	7	1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	850	PR	1-5 years	\$48,000	51
40	6	1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	340	BS	now	\$216,000	45
41	4	1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	820	PR	1-5 years	\$195,000	38
42	4	1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	500	PR	1-5 years	\$223,000	48
43	3	1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	455	REC	now	\$78,000	61
44	2	1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	455	PR	6-10 years	\$14,000	22
45	2	1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	360	PR	6-10 years	\$18,000	22
46	6	1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	332	BS	now	\$197,000	51
47	2	1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	300	PR	1-5 years	\$153,000	27
48	3	1233	Reay Road	Little Norway Lane	Elzner Road	2.5	120	BS	now	\$504,000	40
49	5	1449	Sarah Street N	George Street	Winewood Avenue W	0.1	800	R	6-10 years	\$22,000	37
50	4	1444	Sarah Street N	Bay Street	Hughson Street	0.1	900	PR	6-10 years	\$22,000	27
51	1	1446	Sarah Street N	Brown Street	Peter Street	0.1	997	R-S	6-10 years	\$159,000	34
									Year 2 total	\$3,856,000	
Year 3 2024											
52	4	1304	Little Norway Lane	Reay Road	End	0.5	140	BS	now	\$100,000	42
53	1	1234	Reay Road	Elzner Road	End	1.0	120	REC	now	\$690,000	47
54	4	1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	175	BS	now	\$386,000	43
55	2	1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	150	PR	1-5 years	\$158,000	38
56	1	1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	150	REC	now	\$69,000	46

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
57	0	1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	50	PR	1-5 years	\$8,000	22
58	6	1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	400	BS	now	\$52,000	46
59	5	1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	300	BS	now	\$26,000	46
60	4	1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	400	PR	1-5 years	\$40,000	45
61	3	1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	400	PR	1-5 years	\$21,000	42
62	3	1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	400	PR	1-5 years	\$77,000	39
63	3	1239	Kilworthy Road	Kilworthy Road	End	2.0	300	PR	1-5 years	\$478,000	42
64	6	1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	349	BS	now	\$466,000	46
65	1	1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	110	PR	1-5 years	\$69,000	29
66	1	1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	80	PR	1-5 years	\$55,000	26
67	1	1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	60	PR	1-5 years	\$8,000	29
68	1	1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	60	PR	1-5 years	\$11,000	26
69	0	1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	30	PR	1-5 years	\$51,000	32
70	0	1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	40	PR	1-5 years	\$26,000	23
71	4	1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	168	BS	now	\$72,000	43
72	1	1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	50	BS	now	\$31,000	37
73	1	1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	150	REC	now	\$825,000	45
74	1	1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	PR	1-5 years	\$37,000	31
75	0	1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	10	PR	1-5 years	\$48,000	25
									Year 3 total	\$3,804,000	
Year 4 2025											
76	6	1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	PR	1-5 years	\$24,000	40
77	5	1027	John Street N	George Street	Winewood Avenue W	0.1	950	PR	1-5 years	\$29,000	42
78	4	1044	John Street N	Peter Street	Isaac Street	0.1	950	PR	1-5 years	\$29,000	36
79	3	1029	John Street N	Farquhar Street	Wagner Street	0.1	500	PR	1-5 years	\$31,000	34
80	3	1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	711	R	6-10 years	\$38,000	32
81	3	1342	Industrial Drive	Jones Road	Progress Road	0.2	600	PR	1-5 years	\$52,000	39
82	3	1617	Wagner Street	Emma Street	Sarah Street N	0.1	500	PR	1-5 years	\$14,000	33
83	3	1616	Wagner Street	Mary Street N	Emma Street	0.1	500	PR	6-10 years	\$14,000	32
84	3	1615	Wagner Street	John Street N	Mary Street N	0.1	500	PR	6-10 years	\$31,000	31
85	2	1614	Wagner Street	John Street N	Lorne Street	0.3	750	PR	6-10 years	\$85,000	23

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
86	0	1619	Wagner Street	Austin Street	Louise Street	0.1	200	PR-S	6-10 years	\$160,000	16
87	0	1549	Elzner Road	Reay Road	End	0.7	30	REC	now	\$497,000	39
88	4	1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	124	BS	now	\$160,000	42
89	1	1482	Sniders Bay Road	Sniders Bay Road	End	0.5	40	PR	1-5 years	\$57,000	31
90	3	1454	South Kahshe Lake Road	Tryon Drive	South Bay Road	1.0	250	PR	1-5 years	\$141,000	30
91	1	1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	250	PR	1-5 years	\$40,000	26
92	5	1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	BS	now	\$381,000	45
93	3	1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	PR	1-5 years	\$26,000	35
94	3	1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	PR	1-5 years	\$203,000	32
95	2	1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	PR	6-10 years	\$83,000	22
96	5	1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	PR	1-5 years	\$227,000	44
97	5	1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	750	PR	1-5 years	\$14,000	45
98	2	1545	Jones Road	Forest Glen Drive	Progress Road	0.3	500	PR	6-10 years	\$88,000	26
99	1	1258	Jones Road	Progress Road	Elwell Park Road	0.2	150	PR	6-10 years	\$60,000	24
100	5	1477	Progress Road	Industrial Drive	Jones Road	0.5	300	BS	now	\$155,000	44
101	2	1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	557	PR	6-10 years	\$253,000	23
102	1	1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	PR	6-10 years	\$114,000	21
103	0	1064	Graham Road	Bowers Lane	Bagley Road	0.5	50	PR	6-10 years	\$76,000	20
104	0	1065	Graham Road	Bagley Road	Godfrey Road	0.2	20	PR	6-10 years	\$26,000	14
105	3	1692	Pinedale Lane	160m of Arnes Drive	End	0.1	200	PR	now	\$17,000	39
106	1	1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	200	PR	1-5 years	\$38,000	33
107	1	1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	400	PR	6-10 years	\$58,000	19
108	4	1326	Lorne Street	Wagner Street	Islander Drive	0.1	713	PR	1-5 years	\$15,000	42
109	3	1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	600	PR	1-5 years	\$38,000	38
110	2	1330	Lorne Street	Louise Street	Gateway Drive	0.2	220	PR	1-5 years	\$34,000	28
111	2	1329	Lorne Street	Austin Street	Louise Street	0.1	300	PR	1-5 years	\$28,000	31
112	1	1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	550	PR-S	1-5 years	\$356,000	48
113	1	1331	Lorne Street	Gateway Drive	End	0.1	100	PR	1-5 years	\$20,000	24
114	2	2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	80	PR	now	\$13,000	30
									Year 4 total	\$3,725,000	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 5 2026											
115	2	1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	PR	1-5 years	\$101,000	36
116	2	1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	PR	1-5 years	\$728,000	39
117	1	1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	PR	6-10 years	\$61,000	21
118	2	1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	230	PR	1-5 years	\$27,000	32
119	2	1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	150	PR	1-5 years	\$200,000	35
120	2	1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	210	PR	6-10 years	\$40,000	23
121	2	1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	290	PR	1-5 years	\$12,000	32
122	1	1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	PR	6-10 years	\$44,000	23
123	1	1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	150	PR	6-10 years	\$77,000	19
124	2	1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	90	BS	now	\$80,000	38
125	2	1148	Merkley Road	Barkway Road	Fire Route A1	1.6	124	PR	1-5 years	\$215,000	39
126	2	1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	250	PR	6-10 years	\$79,000	24
127	2	1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	300	PR	1-5 years	\$31,000	27
128	2	1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	386	PR	6-10 years	\$117,000	27
129	1	1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	200	PR	6-10 years	\$33,000	20
130	1	1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	150	PR	6-10 years	\$19,000	19
131	1	1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	150	PR	6-10 years	\$23,000	17
132	1	1194	Parkers Point Road	Eppy Lane	End	0.6	100	PR	6-10 years	\$95,000	19
133	2	1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	500	R	6-10 years	\$24,000	23
134	2	1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	210	PR	1-5 years	\$255,000	28
135	2	1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	415	PR	1-5 years	\$119,000	30
136	1	1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	150	PR	6-10 years	\$40,000	26
137	1	1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	150	PR	6-10 years	\$108,000	22
138	2	1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	150	PR	1-5 years	\$124,000	35
139	3	1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	514	PR	1-5 years	\$236,000	32
140	2	1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	300	PR	1-5 years	\$16,000	33
141	1	1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	200	PR	1-5 years	\$20,000	26
142	2	1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	200	PR	1-5 years	\$13,000	31
143	1	1163	Cowbell Lane	Manson Lane	End	1.1	150	PR	6-10 years	\$165,000	18
144	2	1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	526	R	6-10 years	\$34,000	28

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
145	0	1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	500	PR-S	6-10 years	\$164,000	23
146	0	1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	PR-S	1-5 years	\$164,000	36
147	0	1252	Hotchkiss Street	Wanda Miller Road	End	0.1	50	PR	6-10 years	\$35,000	12
148	3	1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	PR	1-5 years	\$202,000	38
149	3	1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	PR	1-5 years	\$74,000	31
150	1	1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	100	PR	1-5 years	\$42,000	32
									Year 5 total	\$3,817,000	
Year 6 2027											
151	2	1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	500	R	6-10 years	\$32,000	24
152	2	1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	500	R	6-10 years	\$27,000	22
153	3	1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	310	PR	1-5 years	\$90,000	41
154	1	1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	PR	6-10 years	\$65,000	16
155	1	1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	310	PR	6-10 years	\$51,000	19
156	2	1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	150	PR	1-5 years	\$115,000	30
157	1	1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	40	PR	now	\$10,000	26
158	2	1399	Sophers Landing Road	Sophers Landing Road	End	0.4	150	PR	1-5 years	\$65,000	31
159	2	1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	162	PR	1-5 years	\$22,000	29
160	1	1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	150	PR	6-10 years	\$26,000	22
161	2	1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$38,000	24
162	2	1154	Main Street	Muskoka Road S	First Street S	0.1	400	PR	1-5 years	\$29,000	36
163	2	1254	Main Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	31
164	2	1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	150	PR	1-5 years	\$136,000	31
165	2	1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	150	PR	1-5 years	\$15,000	28
166	1	1270	Hill Street	Hill Street	End	0.1	100	PR	1-5 years	\$18,000	30
167	2	1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	359	PR	1-5 years	\$568,000	31
168	1	1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	150	PR	1-5 years	\$338,000	26
169	0	1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	50	PR	1-5 years	\$54,000	23
170	0	1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	50	PR	6-10 years	\$12,000	15
171	2	1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	150	PR	6-10 years	\$34,000	26
172	1	1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	165	PR	6-10 years	\$43,000	21
173	0	1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	20	PR	1-5 years	\$46,000	26

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
174	2	1495	Royal Street	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$37,000	21
175	1	1496	Royal Street	First Street S	Second Street S	0.1	200	R	6-10 years	\$24,000	25
176	1	1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	PR	now	\$11,000	33
177	0	1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	30	PR	6-10 years	\$17,000	20
178	2	1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	600	PR	6-10 years	\$31,000	21
179	2	1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	300	PR	6-10 years	\$180,000	25
180	2	1363	McPherson Street	Private Street	Bakery Lane	0.1	300	PR	6-10 years	\$27,000	25
181	1	1286	McPherson Street	Readman Street	End	0.0	250	PR	1-5 years	\$10,000	25
182	1	1287	McPherson Street	Readman Street	Private Street	0.1	250	PR	6-10 years	\$20,000	17
183	2	1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	300	PR	1-5 years	\$49,000	27
184	1	1113	Brown Street	John Street N	Mary Street N	0.1	1000	PR-S	1-5 years	\$163,000	50
185	2	1517	Austin Street	Fraser Street	Lorne Street	0.1	250	REC	now	\$92,000	50
186	2	1516	Austin Street	Wagner Street	Fraser Street	0.1	250	PR	1-5 years	\$25,000	39
187	2	1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	PR	1-5 years	\$24,000	32
188	1	1513	Austin Street	Winewood Avenue W	George Street	0.1	250	PR	6-10 years	\$23,000	20
189	2	1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	100	PR	1-5 years	\$33,000	37
190	1	1066	Golf Club Road	Hoc-Roc Drive	End	0.3	100	PR	1-5 years	\$39,000	35
191	2	1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	55	BS	now	\$120,000	34
192	1	1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	40	PR	now	\$13,000	28
193	1	2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	20	PR	now	\$13,000	26
194	1	1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	100	PR	1-5 years	\$48,000	38
195	1	1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	100	PR	1-5 years	\$67,000	26
196	1	1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	100	PR	6-10 years	\$4,000	18
197	1	1429	Shady Lane	Road 6000	Silver Birch Road	0.9	55	BS	now	\$173,000	37
198	2	1118	Clarence Street	Gillan Drive	Edward Street	0.1	500	PR	6-10 years	\$14,000	26
199	1	1352	Clarence Street	Nelson Street	Caroline Street	0.1	300	PR	6-10 years	\$25,000	22
200	1	1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	100	PR	1-5 years	\$75,000	34
201	1	1613	Tower Crescent	1701 Highway 11 S	End	0.6	100	PR	1-5 years	\$92,000	24
202	1	1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	100	PR	6-10 years	\$25,000	21
203	1	1317	Henry Island Road	Muskoka Road N	End	0.3	100	PR	1-5 years	\$40,000	35

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
204	1	1168	Cherokee Lane	Bay Street	End	0.2	200	PR	6-10 years	\$32,000	24
205	1	1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	250	PR	1-5 years	\$115,000	26
206	1	1264	Lakeshore Drive	Sunshine Court	End	1.2	100	PR	1-5 years	\$181,000	31
207	1	1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	200	PR	1-5 years	\$31,000	33
208	1	1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	150	PR	1-5 years	\$44,000	41
									Year 6 total	\$3,782,000	
Year 7 2028											
209	2	1518	Canning Road	Highway 11 S	Baseline Road	1.0	306	PR	6-10 years	\$235,000	26
210	2	1098	Canning Road	Baseline Road	Southwood Road	1.0	300	PR	6-10 years	\$231,000	24
211	1	1610	Violet Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$33,000	22
212	1	1609	Violet Street	Muskoka Road S	First Street S	0.1	400	PR	6-10 years	\$32,000	19
213	1	1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	80	PR	1-5 years	\$60,000	33
214	0	1401	Whitehead Road	Road 3500	Road 3600	0.6	40	PR	6-10 years	\$71,000	21
215	0	1402	Whitehead Road	Road 3600	End	0.1	20	PR	1-5 years	\$18,000	22
216	1	1563	Third Street	Phillip Street E	End	0.1	200	PR	1-5 years	\$11,000	30
217	1	1605	Third Street	David Street	Pinedale Road	0.1	200	PR	1-5 years	\$23,000	29
218	1	1420	Third Street	Phillip Street E	Bishop Street	0.1	200	PR	6-10 years	\$24,000	25
219	1	1597	Third Street	Pinedale Road	End	0.2	100	PR	1-5 years	\$41,000	25
220	1	1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	40	BS	now	\$83,000	35
221	1	1102	Bishop Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	20
222	1	1103	Bishop Street	Bethune Drive S	Third Street	0.1	200	PR	6-10 years	\$31,000	24
223	0	1105	Bishop Street	Fourth Street	End	0.1	40	PR	1-5 years	\$15,000	25
224	0	1101	Bishop Street	First Street S	End	0.0	10	PR	1-5 years	\$10,000	21
225	1	1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	93	PR	1-5 years	\$147,000	29
226	0	1340	Tomingas Road	Bird Haven Way	End	1.0	60	REC	now	\$773,000	45
227	1	1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	30	PR	now	\$30,000	28
228	1	1524	Farquhar Street	Muskoka Road N	John Street N	0.1	250	PR	1-5 years	\$32,000	26
229	1	1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	250	PR	6-10 years	\$30,000	23
230	0	1525	Farquhar Street	John Street N	Mary Street N	0.1	250	PR-S	6-10 years	\$162,000	18
231	0	1519	Farquhar Street	Austin Street	Abbey Lane	0.1	70	PR-S	1-5 years	\$152,000	23

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
232	1	1204	Hughson Street	John Street N	Mary Street N	0.1	300	PR	6-10 years	\$38,000	30
233	1	1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	200	PR	1-5 years	\$155,000	32
234	1	1372	Sedore Road	Ure Road	Beiers Road	1.8	200	PR	6-10 years	\$428,000	23
235	1	1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	200	PR	6-10 years	\$16,000	20
236	1	1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	PR	6-10 years	\$30,000	17
237	1	1428	Sedore Road	Highway 11 N	Luigi Road	0.1	100	PR	1-5 years	\$16,000	24
238	1	1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	200	PR	1-5 years	\$19,000	31
239	0	1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	200	PR-S	6-10 years	\$440,000	27
240	1	1060	George Street	Mary Street N	Sarah Street N	0.1	140	PR	1-5 years	\$31,000	37
241	1	1215	George Street	Muskoka Road N	John Street N	0.1	150	PR	1-5 years	\$31,000	34
242	1	1059	George Street	John Street N	Mary Street N	0.1	140	PR	1-5 years	\$31,000	34
243	1	1061	George Street	Sarah Street N	Austin Street	0.1	140	PR	6-10 years	\$29,000	20
244	1	1594	Talbot Trail	Graham Road	Joseph Pl	0.1	100	PR	6-10 years	\$18,000	22
245	1	1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	100	PR	6-10 years	\$46,000	19
246	0	1588	Talbot Trail	Alana Boulevard	End	0.1	50	PR	6-10 years	\$22,000	22
247	1	1085	Art Crisp Road	Baseline Road	End	1.1	70	PR	1-5 years	\$161,000	31
Year 7 total										\$3,786,000	
Year 8 2029											
248	1	1055	Bakery Lane	Muskoka Road 169	Mcperson Street	0.1	200	PR	1-5 years	\$18,000	25
249	1	1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	30	PR	now	\$54,000	24
250	1	1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	200	R	6-10 years	\$24,000	17
251	1	1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	200	PR	6-10 years	\$36,000	27
252	0	1598	Winewood Avenue W	Austin Street	End	0.1	40	PR-S	1-5 years	\$135,000	23
253	1	1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	55	PR	1-5 years	\$303,000	32
254	1	1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	100	PR	6-10 years	\$223,000	20
255	1	1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	100	PR	6-10 years	\$49,000	20
256	1	1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	300	PR	6-10 years	\$34,000	21
257	1	1170	Isaac Street	John Street N	Mary Street N	0.1	150	PR	1-5 years	\$30,000	29
258	1	1171	Isaac Street	Mary Street N	Sarah Street N	0.1	150	PR	6-10 years	\$30,000	24
259	0	1172	Isaac Street	Sarah Street N	End	0.1	70	PR	6-10 years	\$32,000	15
260	1	1196	Parkholme Road	Road 5400	End	0.3	20	PR	now	\$17,000	29

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
261	0	1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	30	PR	1-5 years	\$22,000	26
262	1	1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	150	PR	1-5 years	\$25,000	28
263	1	1283	Mary Street N	Farquhar Street	Wagner Street	0.1	150	PR	6-10 years	\$30,000	25
264	1	1275	Mary Street N	Bay Street	Hughson Street	0.1	200	PR	6-10 years	\$25,000	18
265	1	1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	150	PR	6-10 years	\$27,000	25
266	1	1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	PR	6-10 years	\$42,000	22
267	0	1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	30	PR	1-5 years	\$40,000	27
268	1	1158	Elder Street	Muskoka Road N	First Street N	0.1	200	PR	6-10 years	\$31,000	24
269	1	2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	BS	now	\$67,000	36
270	0	2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	10	PR	now	\$623,000	29
271	1	1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	300	PR	6-10 years	\$63,000	19
272	1	1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	PR	6-10 years	\$37,000	18
273	1	1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	PR	6-10 years	\$35,000	18
274	1	1347	North Sunset Bay Road	Narrows Road	End	0.8	30	PR	now	\$64,000	24
275	1	1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	300	PR	6-10 years	\$130,000	19
276	1	1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	200	PR	6-10 years	\$98,000	22
277	1	1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	200	PR	6-10 years	\$26,000	17
278	1	1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	PR	6-10 years	\$28,000	24
279	1	1078	Clairmont Road	Bay Street	End	0.2	150	PR	6-10 years	\$41,000	23
280	1	1193	Oriole Crescent	Islander Drive	End	0.2	150	PR	1-5 years	\$62,000	31
281	0	1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	101	PR-S	1-5 years	\$168,000	29
282	1	1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	300	PR	6-10 years	\$38,000	19
283	1	1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	PR	1-5 years	\$101,000	27
284	0	1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	PR	6-10 years	\$95,000	21
285	0	1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	50	PR	6-10 years	\$74,000	17
286	0	1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	PR	6-10 years	\$15,000	16
287	0	1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	50	PR	1-5 years	\$101,000	22
288	0	1713	Brydons Bay Road	Brydons Bay Road	End	0.3	20	PR	6-10 years	\$42,000	14
289	0	1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	5	PR	6-10 years	\$5,000	12
290	0	1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	PR	1-5 years	\$13,000	25

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
291	1	1306	Severn River Road	East Severn River Road	End	0.8	55	PR	1-5 years	\$128,000	24
292	0	1305	Severn River Road	Southwood Road	East Severn River Road	0.5	55	PR	6-10 years	\$81,000	13
293	1	1303	Langford Drive	Winhara Road	End	0.2	200	PR	6-10 years	\$52,000	22
294	1	1475	Private Street	Mcpherson Street	End	0.1	50	PR	1-5 years	\$8,000	25
295	0	1476	Private Street	Mcpherson Street	Musquash Road	0.2	100	PR	6-10 years	\$46,000	19
296	1	1520	Bird Haven Way	Tomingas Road	End	0.2	20	PR	now	\$10,000	23
297	1	1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	250	PR	6-10 years	\$31,000	17
298	1	1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	PR	now	\$23,000	24
299	0	1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	15	PR	1-5 years	\$6,000	25
300	1	1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	180	PR	6-10 years	\$113,000	22
301	1	1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	180	PR	6-10 years	\$6,000	16
302	0	1139	Cyril Gill Drive	Road 1100	End	0.1	20	PR	now	\$9,000	24
303	1	1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	140	PR-S	6-10 years	\$25,000	17
304	0	1130	Joseph Pl	Talbot Trail	End	0.1	60	PR	6-10 years	\$22,000	17
305	1	1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	PR	6-10 years	\$101,000	16
Year 8 total										\$3,814,000	
Year 9 2030											
306	0	1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	10	BS	now	\$217,000	37
307	0	1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	10	PR	6-10 years	\$135,000	14
308	1	1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	150	PR	6-10 years	\$31,000	19
309	1	1568	Sixth Street	Phillip Street E	David Street	0.3	100	PR	1-5 years	\$70,000	28
310	0	1569	Sixth Street	David Street	End	0.3	50	PR	1-5 years	\$55,000	22
311	0	1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	60	PR	6-10 years	\$137,000	18
312	1	1629	Tryon Drive	Hastings Drive	Erins Way	0.2	200	PR	6-10 years	\$61,000	17
313	1	1038	Fraser Street	Emma Street	Austin Street	0.2	100	PR	1-5 years	\$48,000	31
314	0	1039	Fraser Street	Austin Street	Louise Street	0.1	100	PR	6-10 years	\$35,000	22
315	0	1388	Silver Birch Road	Pudder Road	End	0.2	40	PR	1-5 years	\$26,000	25
316	0	1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	50	PR	6-10 years	\$26,000	15
317	0	1387	Silver Birch Road	Damin Road	Pudden Road	0.2	40	PR	6-10 years	\$29,000	16
318	1	1512	Crawford Road	Jones Road	End	0.5	175	PR	6-10 years	\$116,000	16
319	1	1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	PR	6-10 years	\$135,000	22

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Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
320	0	1146	Fernwood Drive	James Street	Pratt Crescent	0.3	300	PR-S	1-5 years	\$415,000	42
321	0	1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	200	PR-S	6-10 years	\$286,000	18
322	1	1141	David Street	Fifth Street	Sixth Street	0.1	150	PR	6-10 years	\$32,000	16
323	0	1071	David Street	First Street S	Bethune Drive S	0.1	268	PR-S	6-10 years	\$176,000	22
324	0	1142	David Street	Sixth Street	End	0.1	50	PR	6-10 years	\$24,000	20
325	0	1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	450	PR-S	6-10 years	\$552,000	29
326	0	1426	Second Street S	Brock Street	Royal Street	0.1	500	R-S	6-10 years	\$178,000	33
327	1	1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	100	PR	1-5 years	\$29,000	25
328	0	1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	200	PR-S	6-10 years	\$426,000	20
329	1	1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	100	PR	6-10 years	\$88,000	22
330	0	1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	12	PR	now	\$8,000	29
331	0	1272	Old Portage Road	Brydons Bay Road	End	0.6	35	PR	1-5 years	\$81,000	23
332	0	1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	150	PR	6-10 years	\$75,000	16
333	0	1230	Rayner Street	David Street	Pinedale Road	0.1	100	PR	6-10 years	\$28,000	23
334	0	1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	100	PR	6-10 years	\$36,000	19
335	0	1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	25	PR	1-5 years	\$66,000	27
336	0	1542	Jim Wood Lane	Jim Wood Lane	End	0.5	25	PR	6-10 years	\$65,000	15
337	0	1492	Road 7000	Kilworthy Road	End	0.3	10	PR	now	\$22,000	28
338	0	1480	Revell Street	Dungey Street	End	0.2	50	PR	1-5 years	\$35,000	30
339	0	1202	Hopkins Road	Merkley Road	End	0.5	10	PR	now	\$34,000	25
Year 9 total										\$3,777,000	
Year 10 2031											
340	0	1120	Charles Road	Muskoka Road 169	End	1.0	50	REC	now	\$767,000	38
341	0	1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	PR-S	6-10 years	\$150,000	22
342	0	1129	Goldfinch Court	Kilworthy Road	End	0.2	40	REC	now	\$148,000	37
343	0	1658	Barnes Road	Winhara Road	End	0.7	30	PR	1-5 years	\$104,000	22
344	0	1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	20	PR	1-5 years	\$22,000	29
345	0	1069	Freeland Drive	Thain Street W	End	0.2	75	R	6-10 years	\$35,000	16
346	0	1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	PR	6-10 years	\$100,000	17
347	0	1181	Emma Street	Wagner Street	Fraser Street	0.1	50	PR	1-5 years	\$19,000	29

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Scenario 3: No Surface Upgrades, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
348	0	1659	Grace Court	Gateway Drive	End	0.1	30	PR	1-5 years	\$24,000	21
349	0	1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	80	PR	6-10 years	\$59,000	19
350	0	1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	70	PR	1-5 years	\$62,000	24
351	0	1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	70	PR	6-10 years	\$70,000	22
352	0	1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	70	PR	6-10 years	\$79,000	15
353	0	1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	125	PR	6-10 years	\$85,000	15
354	0	1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	50	PR	6-10 years	\$143,000	13
355	0	1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	50	PR	6-10 years	\$43,000	13
356	0	1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	50	PR	1-5 years	\$13,000	24
357	0	1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	90	PR	6-10 years	\$22,000	15
358	0	1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	80	PR	6-10 years	\$63,000	20
359	0	1394	Phillip Street E	Fourth Street	Sixth Street	0.1	270	R-S	6-10 years	\$159,000	28
360	0	1299	Juniper Drive	Peninsula Road	End	0.2	27	REC	now	\$147,000	36
361	0	1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	70	PR	6-10 years	\$32,000	20
362	0	1147	Fifth Street	David Street	End	0.1	50	PR	1-5 years	\$18,000	22
363	0	1593	Taverner Road	Doe Lake Road	End	0.4	30	PR	6-10 years	\$54,000	15
364	0	1047	John Street S	Ridge Road	End	0.2	50	PR	1-5 years	\$44,000	23
365	0	1427	Wanda Miller Road	Hotchkiss Street	End	0.1	50	PR	6-10 years	\$19,000	19
366	0	1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	200	PR-S	6-10 years	\$134,000	18
367	0	1558	Peter Street	Mary Street N	Sarah Street N	0.1	150	PR-S	1-5 years	\$163,000	32
368	0	1557	Peter Street	John Street N	Mary Street N	0.1	150	PR-S	6-10 years	\$170,000	16
369	0	1011	Heywood Lane	Gravenhurst Parkway	End	0.1	70	PR	6-10 years	\$33,000	15
370	0	1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	20	PR	6-10 years	\$10,000	16
371	0	1050	Catherine Street W	Alexander Street	Douglas Street	0.1	70	PR	6-10 years	\$32,000	15
372	0	1127	Dove Drive	Kilworthy Road	End	0.1	20	PR	6-10 years	\$8,000	17
373	0	1511	Cox Road	Highway 11 S	End	0.3	10	PR	1-5 years	\$47,000	28
374	0	1566	Simpson Road	Bethune Drive N	End	0.5	30	PR	1-5 years	\$110,000	24
375	0	1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	30	PR	1-5 years	\$55,000	22
376	0	1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	27	PR	1-5 years	\$26,000	21
377	0	1151	Fourth Street	Phillip Street E	Bishop Street	0.1	50	PR	6-10 years	\$25,000	13

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 3: No Surface Upgrades, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
378	0	1152	Fourth Street	Bishop Street	End	0.1	30	PR	6-10 years	\$13,000	16
379	0	1608	Watson Lane	Pratt Crescent	End	0.1	50	PR	6-10 years	\$14,000	13
380	0	1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	20	PR	1-5 years	\$60,000	21
381	0	1339	Heron Lane	Kilworthy Road	End	0.1	10	REC	now	\$38,000	34
382	0	1190	Moody Drive	Bethune Drive N	End	0.1	50	PR	6-10 years	\$26,000	13
383	0	1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	141	PR-S	6-10 years	\$244,000	15
384	0	1731	Hummingbird Lane	Kilworthy Road	End	0.1	10	PR	6-10 years	\$8,000	14
385	0	1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	20	PR	6-10 years	\$44,000	16
386	0	1145	Dungey Street	Revell Street	End	0.1	10	PR	6-10 years	\$12,000	14
387	0	1562	Theatre Road	Gravenhurst Pkwy	End	0.2	10	PR	6-10 years	\$54,000	12
Year 10 total										\$3,807,000	
10 year total										\$37,952,000	
Annual average										\$3,795,200	

BS - base and surface
REC - reconstruct

PR - pulverize and resurface with 1 or 2 lifts
PR-S - pulverize and resurface with 1 or 2 lifts, and upgrade storm sewer

R - resurface with 1 or 2 lifts
R-S - resurface with 1 or 2 lifts, and upgrade storm sewer

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
Year 1 2022											
1	64	1255	James Street	347m W of John Street S	878 m W of John Street S	0.6	4300	BS	now	\$192,000	82
2	64	2081	James Street	878 m W of John Street S	Fernwood Drive	0.6	4300	BS	now	\$192,000	82
3	23	1698	James Street	John Street S	347m W of John Street S	0.4	4300	R	1-5 years	\$83,000	50
4	1	1319	James Street	Muskoka Road S	End	0.0	300	PR	6-10 years	\$12,000	22
5	3	1291	Pinedale Road	1010 Pinedale Road	Highway 11 S	0.4	350	PR	1-5 years	\$91,000	41
6	3	1467	Pinedale Road	Kingswood Drive	Fairview Drive	0.2	400	PR	1-5 years	\$51,000	46
7	3	1686	Pinedale Road	Hedgewood Lane	1010 Pinedale Road	0.1	350	PR	1-5 years	\$21,000	39
8	2	1274	Pinedale Road	180m East of Fairview Drive	Hedgewood Lane	0.4	250	PR	1-5 years	\$89,000	39
9	1	1695	Pinedale Road	Fairview Drive	180m East of Fairview Drive	0.2	253	PR	6-10 years	\$38,000	23
10	1	1462	Pinedale Road	Bethune Drive S	Kelly Drive	0.0	1100	PR-S	6-10 years	\$42,000	28
11	1	1464	Pinedale Road	Third Street	Pinetree Street	0.1	850	PR-S	6-10 years	\$139,000	28
12	0	1097	Beaver Ridge Road	Racoon Road	Highway 11 N	0.7	8	PR	1-5 years	\$157,000	22
13	0	1096	Beaver Ridge Road	228m NW of Sedore Road	Racoon Road	0.3	8	PR	1-5 years	\$62,000	21
14	0	1727	Beaver Ridge Road	Sedore Road	228m NW of Sedore Road	0.2	10	PR	6-10 years	\$55,000	17
15	1	1361	North Morrison Lake Road	Southwood Road	519m SE of Southwood Road	0.5	148	REC	now	\$417,000	46
16	12	1289	North Muldrew Lake Road	Carrick Trail	200m South of Carrick Trail	0.9	1500	PR	1-5 years	\$223,000	60
17	9	1162	North Muldrew Lake Road	Muskoka Bay Boulevard	Carrick Trail	0.4	1500	PR	1-5 years	\$91,000	49
18	4	1417	North Muldrew Lake Road	Peninsula Road	520m W of Peninsula Road	0.5	534	PR	1-5 years	\$127,000	46
19	4	1418	North Muldrew Lake Road	1323 North Muldrew Lake Road	Pinetree Road	1.9	450	PR	1-5 years	\$452,000	44
20	2	1719	North Muldrew Lake Road	Indian Landing Road	1323 North Muldrew Lake Road	0.2	190	PR	1-5 years	\$40,000	39
21	3	2082	North Muldrew Lake Road	520m W of Peninsula Road	Indian Landing Road	0.5	534	PR	1-5 years	\$117,000	35
22	5	1551	First Street S	Sharpe Street E	Phillip Street E	0.1	600	REC	now	\$77,000	68
23	9	1553	First Street S	Phillip Street E	Bishop Street	0.1	600	BS	now	\$33,000	53
24	9	1311	First Street S	Bishop Street	David Street	0.1	600	BS	now	\$33,000	55
25	1	1183	First Street S	David Street	Veterans Way	0.1	400	PR-S	1-5 years	\$135,000	48
26	0	1184	First Street S	Veterans Way	Main Street	0.1	200	PR-S	1-5 years	\$99,000	42
27	2	1312	First Street S	Main Street	Violet Street	0.2	400	PR	1-5 years	\$40,000	34
28	0	1313	First Street S	Violet Street	Bethune Drive S	0.3	400	PR-S	6-10 years	\$361,000	27
29	2	1007	Peninsula Road	4826m W of North Muldrew Lake Road (Fork 1)	Juniper Drive	2.6	127	PR	1-5 years	\$608,000	39
30	1	1223	Peninsula Road	Deepwater Drive	Peninsula Road (Fork 1)	1.0	150	PR	6-10 years	\$215,000	20

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
										Year 1 total	\$4,292,000	
Year 2 2023												
31	2	1200	Laycox Road	Doe Lake Road	Silver Lake Road	0.3	175	PR	6-10 years	\$49,000	25	
32	1	1222	Peninsula Road	Deepwater Drive (1st Intersection)	350m E of Deepwater Drive (1st Intersection)	0.4	100	PR	6-10 years	\$76,000	23	
33	6	2083	Peninsula Road	600m S of North Muldrew Lake Road	Peninsula Road (Fork 1)	4.8	240	BS	now	\$1,364,000	43	
34	1	1224	Peninsula Road	North Muldrew Lake Road	600m S of North Muldrew Lake Road	0.6	240	PR	6-10 years	\$150,000	20	
35	1	1221	Peninsula Road	Dewdrop Lane	Deepwater Drive	1.1	100	PR	6-10 years	\$244,000	16	
36	0	1008	Peninsula Road	Juniper Drive	254m S of Juniper Drive (Fork 2)	0.3	25	PR	6-10 years	\$59,000	12	
37	5	1210	First Street N	Brock Street	Harvie Street	0.1	2000	REC	now	\$219,000	70	
38	1	1550	First Street N	Harvie Street	Church Street	0.1	1000	R-S	1-5 years	\$168,000	56	
39	7	1355	North Kahshe Lake Road	Tyron Drive	Highway 11	0.2	850	PR	1-5 years	\$48,000	51	
40	6	1360	North Kahshe Lake Road	North Sunny Crescentest Road	1312 North Kahshe Lake Road	0.8	340	BS	now	\$216,000	45	
41	4	1356	North Kahshe Lake Road	Tryon Drive	Wigwam Lodge Road	0.8	820	PR	1-5 years	\$195,000	38	
42	4	1357	North Kahshe Lake Road	Wigwam Lodge Road	Nagaya Drive	0.9	500	PR	1-5 years	\$223,000	48	
43	3	1358	North Kahshe Lake Road	Nagaya Drive	95m E of Nagaya Drive	0.1	455	REC	now	\$78,000	61	
44	2	1703	North Kahshe Lake Road	95m E of Nagaya Drive	South Sunny Crescentest Road	0.1	455	PR	6-10 years	\$14,000	22	
45	2	1359	North Kahshe Lake Road	South Sunny Crescentest Road	North Sunny Crescentest Road	0.1	360	PR	6-10 years	\$18,000	22	
46	6	1232	Reay Road	Gravenhurst Parkway	750m E of Gravenhurst Parkway	0.8	332	BS	now	\$197,000	51	
47	2	1674	Reay Road	750m E of Gravenhurst Pkwy	End	0.7	300	PR	1-5 years	\$153,000	27	
48	3	1233	Reay Road	Little Norway Lane	Elzner Road	2.5	120	BS	now	\$653,000	40	
49	4	1304	Little Norway Lane	Reay Road	End	0.5	140	BS	now	\$129,000	42	
50	3	1438	Sharpe Street W	Muskoka Road S	John Street S	0.1	711	R	6-10 years	\$38,000	32	
										Year 2 total	\$4,291,000	
Year 3 2024												
51	5	1449	Sarah Street N	George Street	Winewood Avenue W	0.1	800	R	6-10 years	\$22,000	37	
52	4	1444	Sarah Street N	Bay Street	Hughson Street	0.1	900	PR	6-10 years	\$22,000	27	
53	1	1446	Sarah Street N	Brown Street	Peter Street	0.1	997	R-S	6-10 years	\$159,000	34	
54	1	1234	Reay Road	Elzner Road	End	1.0	120	REC	now	\$779,000	47	
55	4	1197	Silver Lake Road	Laycox Road	Sunny Lake Road	2.0	175	BS	now	\$497,000	43	
56	2	1439	Silver Lake Road	Sunny Lake Road	Chickadee Lane	1.1	150	PR	1-5 years	\$218,000	38	

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
57	1	1740	Silver Lake Road	100m NW of Road 1400 (Bottom of Hill)	200m NW of Road 1400 (Top of Hill)	0.1	150	REC	now	\$81,000	46
58	0	1440	Silver Lake Road	Chickadee Lane	Silver Lake Road	0.1	50	PR	1-5 years	\$11,000	22
59	6	1711	Kilworthy Road	Xavier Street	Tower Crescent	0.2	400	BS	now	\$52,000	46
60	5	1240	Kilworthy Road	Post Office Road	Arthur Schulz Road	0.1	300	BS	now	\$26,000	46
61	4	1237	Kilworthy Road	Xavier Street	11N-11S Over-Pass	0.2	400	PR	1-5 years	\$40,000	45
62	3	1707	Kilworthy Road	Kilworthy Road (Ramp To Highway 11)	80m West of Hwy 11	0.1	400	PR	1-5 years	\$21,000	42
63	3	1238	Kilworthy Road	11N-11S Over-Pass	Xavier Street	0.3	400	PR	1-5 years	\$77,000	39
64	3	1239	Kilworthy Road	Kilworthy Road	End	2.0	300	PR	1-5 years	\$478,000	42
65	6	1499	Kilworthy Road	Arthur Schulz Road	1604 m W of Arthur Schulz Road	1.6	349	BS	now	\$466,000	46
66	1	1533	Kilworthy Road	Mccormick Road	Road 7000	0.5	110	PR	1-5 years	\$96,000	29
67	1	1535	Kilworthy Road	Cyril Gill Drive	Heron Lane	0.4	80	PR	1-5 years	\$77,000	26
68	4	1379	Riley Lake Road	Houseys Rapids Road	Riley Lake Road	0.3	168	BS	now	\$94,000	43
69	1	1404	Riley Lake Road	Fire Route 6C	Fire Route 6D	0.2	50	BS	now	\$40,000	37
70	1	1380	Riley Lake Road	Fitchett Lane	Fire Route 6B	1.2	150	REC	now	\$947,000	45
71	1	1403	Riley Lake Road	Fire Route 6B	Fire Route 6C	0.3	80	PR	1-5 years	\$51,000	31
72	0	1723	Riley Lake Road	Fire Route 6D	351m E of Fire Route 6D	0.4	10	PR	1-5 years	\$65,000	25
									Year 3 total	\$4,319,000	
Year 4 2025											
73	1	1536	Kilworthy Road	Heron Lane	Starling Boulevard	0.1	60	PR	1-5 years	\$11,000	29
74	1	1537	Kilworthy Road	Starling Boulevard	Goldfinch Court	0.1	60	PR	1-5 years	\$15,000	26
75	0	1539	Kilworthy Road	Cardinal Crescent	Hummingbird Lane	0.3	30	PR	1-5 years	\$70,000	32
76	0	1538	Kilworthy Road	Goldfinch Court	Cardinal Crescent	0.2	40	PR	1-5 years	\$35,000	23
77	6	1028	John Street N	Winewood Avenue W	Farquhar Street	0.1	950	PR	1-5 years	\$24,000	40
78	5	1027	John Street N	George Street	Winewood Avenue W	0.1	950	PR	1-5 years	\$29,000	42
79	4	1044	John Street N	Peter Street	Isaac Street	0.1	950	PR	1-5 years	\$29,000	36
80	3	1029	John Street N	Farquhar Street	Wagner Street	0.1	500	PR	1-5 years	\$31,000	34
81	0	1549	Elzner Road	Reay Road	End	0.7	30	REC	now	\$570,000	39
82	4	1481	Sniders Bay Road	1037 Sniders Bay Road	Sniders Bay Road	0.9	124	BS	now	\$205,000	42
83	1	1482	Sniders Bay Road	Sniders Bay Road	End	0.5	40	PR	1-5 years	\$77,000	31
84	3	1454	South Kabshe Lake Road	Tryon Drive	South Bay Road	1.0	250	PR	1-5 years	\$195,000	30

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
85	1	1453	South Kahshe Lake Road	South Kahshe Lake Road (Ramp To Highway 11)	Tryon Drive	0.2	250	PR	1-5 years	\$40,000	26	
86	5	1082	Baseline Road	Canning Road	Sparrow Lake Route D	1.2	294	BS	now	\$381,000	45	
87	3	1079	Baseline Road	Southwood Road	Art Crescentisp Road	0.2	220	PR	1-5 years	\$36,000	35	
88	3	1081	Baseline Road	Four Seasons Road	Canning Road	1.3	220	PR	1-5 years	\$282,000	32	
89	2	1080	Baseline Road	Art Crescentisp Road	Four Seasons Road	0.5	220	PR	6-10 years	\$115,000	22	
90	5	1623	11N-11S Over-Pass	South Kahshe Lake Road	Kilworthy Road	0.8	800	PR	1-5 years	\$227,000	44	
91	5	1544	Jones Road	Industrial Drive	Forest Glen Drive	0.1	750	PR	1-5 years	\$14,000	45	
92	2	1545	Jones Road	Forest Glen Drive	Progress Road	0.3	500	PR	6-10 years	\$88,000	26	
93	1	1258	Jones Road	Progress Road	Elwell Park Road	0.2	150	PR	6-10 years	\$60,000	24	
94	5	1477	Progress Road	Industrial Drive	Jones Road	0.5	300	BS	now	\$155,000	44	
95	2	1642	Winhara Road	500m North of Bethune Drive N	Jones Road	1.1	557	PR	6-10 years	\$253,000	23	
96	1	1178	Graham Road	Rockcastle Road	Bowers Lane	0.8	100	PR	6-10 years	\$157,000	21	
97	0	1064	Graham Road	Bowers Lane	Bagley Road	0.5	50	PR	6-10 years	\$104,000	20	
98	0	1065	Graham Road	Bagley Road	Godfrey Road	0.2	20	PR	6-10 years	\$36,000	14	
99	3	1692	Pinedale Lane	160m of Arnes Drive	End	0.1	200	PR	now	\$23,000	39	
100	1	1460	Pinedale Lane	Arnes Drive	160m of Arnes Drive	0.2	200	PR	1-5 years	\$38,000	33	
101	1	1458	Pinedale Lane	Pinedale Road	Arnes Drive	0.3	400	PR	6-10 years	\$58,000	19	
102	4	1326	Lorne Street	Wagner Street	Islander Drive	0.1	713	PR	1-5 years	\$15,000	42	
103	3	1327	Lorne Street	Islander Drive	Segwun Boulevard	0.1	600	PR	1-5 years	\$38,000	38	
104	2	1330	Lorne Street	Louise Street	Gateway Drive	0.2	220	PR	1-5 years	\$47,000	28	
105	2	1329	Lorne Street	Austin Street	Louise Street	0.1	300	PR	1-5 years	\$28,000	31	
106	1	1328	Lorne Street	Segwun Boulevard	Austin Street	0.3	550	PR-S	1-5 years	\$356,000	48	
107	1	1331	Lorne Street	Gateway Drive	End	0.1	100	PR	1-5 years	\$20,000	24	
108	2	2038	South Bay Road	591m	786 m N of South Kahshe Lake Road	0.2	80	PR	now	\$13,000	30	
109	2	1149	Merkley Road	Fire Route A1	Hopkins Road	0.4	90	BS	now	\$102,000	38	
110	2	1148	Merkley Road	Barkway Road	Fire Route A1	1.6	124	PR	1-5 years	\$295,000	39	
										Year 4 total	\$4,272,000	
Year 5 2026												
111	2	1093	Barkway Road	Thomas Road (1st Intersection)	647m NE of Thomas Road (1st Intersection)	0.7	200	PR	1-5 years	\$140,000	36	
112	2	1091	Barkway Road	Merkley Road	1776 Barkway Road	4.6	180	PR	1-5 years	\$1,009,000	39	

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
113	1	1092	Barkway Road	1176 Barkway Road	Thomas Road	0.4	200	PR	6-10 years	\$84,000	21
114	3	1342	Industrial Drive	Jones Road	Progress Road	0.2	600	PR	1-5 years	\$52,000	39
115	2	1577	South Morrison Lake Road	West Lionshead Road	Tara Lane	0.2	230	PR	1-5 years	\$38,000	32
116	2	1580	South Morrison Lake Road	Cove Road	Lorenz Road	1.3	150	PR	1-5 years	\$276,000	35
117	2	1578	South Morrison Lake Road	Tara Lane	Flanagan Trail	0.3	210	PR	6-10 years	\$55,000	23
118	2	1576	South Morrison Lake Road	Green Place Road	West Lionshead Road	0.1	290	PR	1-5 years	\$12,000	32
119	1	1405	South Morrison Lake Road	Lorenz Road	End	0.3	150	PR	6-10 years	\$61,000	23
120	1	1579	South Morrison Lake Road	Flanagan Trail	Cove Road	0.5	150	PR	6-10 years	\$106,000	19
121	3	1617	Wagner Street	Emma Street	Sarah Street N	0.1	500	PR	1-5 years	\$14,000	33
122	3	1616	Wagner Street	Mary Street N	Emma Street	0.1	500	PR	6-10 years	\$14,000	32
123	3	1615	Wagner Street	John Street N	Mary Street N	0.1	500	PR	6-10 years	\$31,000	31
124	2	1614	Wagner Street	John Street N	Lorne Street	0.3	750	PR	6-10 years	\$85,000	23
125	0	1619	Wagner Street	Austin Street	Louise Street	0.1	200	PR-S	6-10 years	\$160,000	16
126	2	1367	Parkers Point Road	Whitehead Road	Road 3300	0.5	250	PR	6-10 years	\$109,000	24
127	2	1366	Parkers Point Road	Road 3200	Whitehead Road	0.1	300	PR	1-5 years	\$31,000	27
128	2	1365	Parkers Point Road	Muskoka Road 169	Road 3200	0.5	386	PR	6-10 years	\$117,000	27
129	1	1368	Parkers Point Road	Road 3300	209m SE of Road 3300 (Fork 1)	0.2	200	PR	6-10 years	\$45,000	20
130	1	1722	Parkers Point Road	209m SE of Road 3300	329m SE of Road 3300	0.1	150	PR	6-10 years	\$27,000	19
131	1	1369	Parkers Point Road	329m SE of Road 3300	Eppy Lane	0.1	150	PR	6-10 years	\$31,000	17
132	1	1194	Parkers Point Road	Eppy Lane	End	0.6	100	PR	6-10 years	\$132,000	19
133	2	1504	Sarah Street S	Hotchkiss Street	Bay Street	0.1	500	R	6-10 years	\$24,000	23
134	2	1346	Narrows Road	Narrows Road	North Sunset Bay Road	1.6	210	PR	1-5 years	\$353,000	28
135	2	1344	Narrows Road	Muskoka Road 169	Bear Bay Road	0.4	415	PR	1-5 years	\$119,000	30
136	1	1350	Narrows Road	North Sunset Bay Road	Lawland Heights Road	0.3	150	PR	6-10 years	\$55,000	26
137	1	1351	Narrows Road	Lawland Heights Road	675m SE of Lawland Heights Road	0.7	150	PR	6-10 years	\$149,000	22
138	2	1383	Shamrock Marina Road	Graham Road	Renee Drive	0.8	150	PR	1-5 years	\$171,000	35
139	3	1584	Sparrow Lake Route D	Rainbow Cl	Sparrow Lake Route D	1.0	514	PR	1-5 years	\$236,000	32
140	2	1693	Sparrow Lake Route D	Highway 11 N	Highway 11 S	0.1	300	PR	1-5 years	\$16,000	33
141	1	1583	Sparrow Lake Route D	Sparrow Lake Route D	End	0.1	200	PR	1-5 years	\$20,000	26
142	2	1099	Cowbell Lane	Highway 11 N	Manson Lane	0.1	200	PR	1-5 years	\$18,000	31
143	2	1175	Lofty Pines Drive	Walton Road	Lofty Pines Crescent	0.1	500	R	6-10 years	\$32,000	24

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
144	2	1174	Lofty Pines Drive	Muskoka Road N	Walton Road	0.1	500	R	6-10 years	\$27,000	22	
145	3	1633	Ure Road	Ure Road (Ramp To Highway 11)	Sedore Road	0.3	500	PR	1-5 years	\$74,000	31	
146	1	1163	Cowbell Lane	Manson Lane	End	1.1	150	PR	6-10 years	\$229,000	18	
147	2	1406	South Muldrew Lake Road	Southwood Road	853m N of Southwood Road	0.9	150	PR	1-5 years	\$158,000	30	
148	1	1688	South Muldrew Lake Road	1144 South Muldrew Lake Road	South Muldrew Lake Road	0.1	40	PR	now	\$10,000	26	
										Year 5 total	\$4,320,000	
Year 6 2027												
149	2	1203	Hotchkiss Street	Muskoka Road S	John Street S	0.1	526	R	6-10 years	\$34,000	28	
150	0	1250	Hotchkiss Street	Mary Street S	Sarah Street S	0.1	500	PR-S	6-10 years	\$164,000	23	
151	0	1251	Hotchkiss Street	Sarah Street S	Wanda Miller Road	0.1	250	PR-S	1-5 years	\$164,000	36	
152	0	1252	Hotchkiss Street	Wanda Miller Road	End	0.1	50	PR	6-10 years	\$35,000	12	
153	3	1086	Arthur Schulz Road	Beiers Road	Kilworthy Road	0.9	300	PR	1-5 years	\$202,000	38	
154	3	1701	Musquash Road	467m W of Revell Street	Loon Lake Road	0.4	310	PR	1-5 years	\$90,000	41	
155	1	1414	Musquash Road	Loon Lake Road	Private Street	0.4	160	PR	6-10 years	\$90,000	16	
156	1	1412	Musquash Road	Muskoka Road 169	Revell Street	0.2	310	PR	6-10 years	\$51,000	19	
157	2	1399	Sophers Landing Road	Sophers Landing Road	End	0.4	150	PR	1-5 years	\$90,000	31	
158	2	1397	Sophers Landing Road	Mutton Meadow Lane	Nesbitt Road	0.2	162	PR	1-5 years	\$30,000	29	
159	1	1398	Sophers Landing Road	Nesbitt Road	Mcdonald Road	0.2	150	PR	6-10 years	\$36,000	22	
160	2	1437	Sharpe Street E	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$38,000	24	
161	2	1154	Main Street	Muskoka Road S	First Street S	0.1	400	PR	1-5 years	\$29,000	36	
162	2	1254	Main Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	31	
163	2	1296	Pinetree Road	North Muldrew Lake Road	Drury Lane-S2	0.8	150	PR	1-5 years	\$188,000	31	
164	2	1269	Hill Street	Muskoka Road 169	Hill Lane	0.1	150	PR	1-5 years	\$20,000	28	
165	1	1270	Hill Street	Hill Street	End	0.1	100	PR	1-5 years	\$24,000	30	
166	2	1321	Loon Lake Road	Musquash Road	Redwing Drive-N3	2.5	359	PR	1-5 years	\$568,000	31	
167	1	1322	Loon Lake Road-N4	Redwing Drive-N3	Osprey Drive	2.1	150	PR	1-5 years	\$469,000	26	
168	0	1324	Loon Lake Road-N4	Chipmunk Lane	End	0.3	50	PR	1-5 years	\$75,000	23	
169	0	1323	Loon Lake Road-N4	Osprey Drive	Chipmunk Lane-N5	0.1	50	PR	6-10 years	\$16,000	15	
170	2	1631	South Sunset Bay Road	Road 2900	South Sunset Bay Road	0.3	150	PR	6-10 years	\$47,000	26	
171	1	1581	South Sunset Bay Road	Narrows Road	Road 2900	0.3	165	PR	6-10 years	\$59,000	21	
172	0	1582	South Sunset Bay Road	South Sunset Bay Road	End	0.3	20	PR	1-5 years	\$63,000	26	

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
173	2	1495	Royal Street	Muskoka Road S	First Street S	0.1	600	R	6-10 years	\$37,000	21
174	1	1496	Royal Street	First Street S	Second Street S	0.1	200	R	6-10 years	\$24,000	25
175	1	1433	Wapaska Crescent	Wapaska Crescent Fork 1	Approx. 100 m North	0.1	50	PR	now	\$11,000	33
176	0	1490	Wapaska Crescent	Approx. 100 m North of Wapaska Crescent Fork 1	End	0.1	30	PR	6-10 years	\$17,000	20
177	2	1349	Mary Street S	Bay Street	Hotchkiss Street	0.1	600	PR	6-10 years	\$31,000	21
178	1	1494	Rockcastle Road	Graham Road	1031 Rockcastle Road	0.3	100	PR	1-5 years	\$58,000	32
179	2	1041	Benzinger Road	Houseys Rapids Road	Frederick Lane	0.8	300	PR	6-10 years	\$180,000	25
180	2	1363	McPherson Street	Private Street	Bakery Lane	0.1	300	PR	6-10 years	\$27,000	25
181	1	1286	McPherson Street	Readman Street	End	0.0	250	PR	1-5 years	\$10,000	25
182	1	1287	McPherson Street	Readman Street	Private Street	0.1	250	PR	6-10 years	\$20,000	17
183	2	1364	McPherson Street	Bakery Lane	Muskoka Road 169	0.2	300	PR	1-5 years	\$49,000	27
184	1	1113	Brown Street	John Street N	Mary Street N	0.1	1000	PR-S	1-5 years	\$163,000	50
185	2	1517	Austin Street	Fraser Street	Lorne Street	0.1	250	REC	now	\$92,000	50
186	2	1516	Austin Street	Wagner Street	Fraser Street	0.1	250	PR	1-5 years	\$25,000	39
187	2	1514	Austin Street	Winewood Avenue W	Farquhar Street	0.1	250	PR	1-5 years	\$24,000	32
188	1	1513	Austin Street	Winewood Avenue W	George Street	0.1	250	PR	6-10 years	\$23,000	20
189	2	1180	Golf Club Road	Muskoka Beach Road	Hoc-Roc Drive	0.2	100	PR	1-5 years	\$46,000	37
190	1	1066	Golf Club Road	Hoc-Roc Drive	End	0.3	100	PR	1-5 years	\$53,000	35
191	2	1173	McCormick Road	Kilworthy Road	760m SE of Kilworthy Road (Plow turnaround)	0.8	55	BS	now	\$150,000	34
192	1	1985	McCormick Road	760 m SE of Kilworthy Road	960 m SE of Kilworthy Road	0.2	40	PR	now	\$13,000	28
193	1	2084	McCormick Road	960 m SE of Kilworthy Road	End	0.2	20	PR	now	\$13,000	26
194	1	1528	Ferguson Road	Bethune Drive N	Norman Wood Lane	0.3	100	PR	1-5 years	\$67,000	38
195	1	1529	Ferguson Road	Norman Wood Lane	Campfire Point Road	0.4	100	PR	1-5 years	\$93,000	26
196	1	1530	Ferguson Road	Bethune Drive N	Campfire Point Road	0.0	100	PR	6-10 years	\$5,000	18
197	2	1118	Clarence Street	Gillan Drive	Edward Street	0.1	500	PR	6-10 years	\$14,000	26
198	1	1352	Clarence Street	Nelson Street	Caroline Street	0.1	300	PR	6-10 years	\$25,000	22
199	1	1317	Henry Island Road	Muskoka Road N	End	0.3	100	PR	1-5 years	\$55,000	35
200	1	1168	Cherokee Lane	Bay Street	End	0.2	200	PR	6-10 years	\$32,000	24
201	1	1336	Hastings Drive	Hastings Drive (Ramp To Highway 11)	Fleming Drive	0.1	200	PR	1-5 years	\$31,000	33
202	2	1518	Canning Road	Highway 11 S	Baseline Road	1.0	306	PR	6-10 years	\$235,000	26

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number
 Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating	
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value		
203	1	1318	Islander Drive	Lorne Street	Oriole Crescent	0.2	150	PR	1-5 years	\$44,000	41	
										Year 6 total	\$4,280,000	
Year 7 2028												
204	1	1429	Shady Lane	Road 6000	Silver Birch Road	0.9	55	BS	now	\$222,000	37	
205	1	1684	Tower Crescent	Kilworthy Road	1713 Highway 11 S (#1064 Tower Crescent)	0.5	100	PR	1-5 years	\$104,000	34	
206	1	1613	Tower Crescent	1701 Highway 11 S	End	0.6	100	PR	1-5 years	\$127,000	24	
207	1	1685	Tower Crescent	1713 Highway 11 S (#1064 Tower Crescent)	1701 Highway 11 S	0.2	100	PR	6-10 years	\$34,000	21	
208	1	1411	Rainbow Cl	Rainbow Cl (NB Ramp To/From Highway 11)	Rainbow Cl (Highway 11 Overpass)	0.4	250	PR	1-5 years	\$115,000	26	
209	2	1098	Canning Road	Baseline Road	Southwood Road	1.0	300	PR	6-10 years	\$231,000	24	
210	1	1264	Lakeshore Drive	Sunshine Court	End	1.2	100	PR	1-5 years	\$250,000	31	
211	1	1610	Violet Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$33,000	22	
212	1	1609	Violet Street	Muskoka Road S	First Street S	0.1	400	PR	6-10 years	\$32,000	19	
213	1	1400	Whitehead Road	Parkers Point Road	Road 3500	0.4	80	PR	1-5 years	\$83,000	33	
214	0	1401	Whitehead Road	Road 3500	Road 3600	0.6	40	PR	6-10 years	\$96,000	21	
215	0	1402	Whitehead Road	Road 3600	End	0.1	20	PR	1-5 years	\$24,000	22	
216	1	1563	Third Street	Phillip Street E	End	0.1	200	PR	1-5 years	\$11,000	30	
217	1	1605	Third Street	David Street	Pinedale Road	0.1	200	PR	1-5 years	\$23,000	29	
218	1	1420	Third Street	Phillip Street E	Bishop Street	0.1	200	PR	6-10 years	\$24,000	25	
219	1	1597	Third Street	Pinedale Road	End	0.2	100	PR	1-5 years	\$41,000	25	
220	1	1489	Wenona Lodge Road	Canning Road	Rockwood Road	0.5	40	BS	now	\$106,000	35	
221	1	1102	Bishop Street	First Street S	Bethune Drive S	0.1	400	PR	6-10 years	\$31,000	20	
222	1	1103	Bishop Street	Bethune Drive S	Third Street	0.1	200	PR	6-10 years	\$31,000	24	
223	0	1105	Bishop Street	Fourth Street	End	0.1	40	PR	1-5 years	\$15,000	25	
224	0	1101	Bishop Street	First Street S	End	0.0	10	PR	1-5 years	\$10,000	21	
225	1	1485	Tomingas Road	Doe Lake Road	Bird Haven Way	0.9	93	PR	1-5 years	\$204,000	29	
226	0	1340	Tomingas Road	Bird Haven Way	End	1.0	60	REC	now	\$871,000	45	
227	1	1691	Nora Lane	Frederick Lane	471m W of Frederick Lane	0.5	30	PR	now	\$30,000	28	
228	1	1524	Farquhar Street	Muskoka Road N	John Street N	0.1	250	PR	1-5 years	\$32,000	26	
229	1	1526	Farquhar Street	Mary Street N	Sarah Street N	0.1	250	PR	6-10 years	\$30,000	23	
230	0	1525	Farquhar Street	John Street N	Mary Street N	0.1	250	PR-S	6-10 years	\$162,000	18	

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
231	0	1519	Farquhar Street	Austin Street	Abbey Lane	0.1	70	PR-S	1-5 years	\$152,000	23
232	1	1204	Hughson Street	John Street N	Mary Street N	0.1	300	PR	6-10 years	\$38,000	30
233	1	1370	Sedore Road	Luigi Road	Beaver Ridge Road	0.6	200	PR	1-5 years	\$155,000	32
234	1	1372	Sedore Road	Ure Road	Beiers Road	1.8	200	PR	6-10 years	\$428,000	23
235	1	1624	Sedore Road	Beaver Ridge Road	Sedore Road (Over Pass)	0.1	200	PR	6-10 years	\$16,000	20
236	1	1371	Sedore Road	Sedore Road (Over Pass)	Ure Road	0.1	200	PR	6-10 years	\$30,000	17
237	1	1428	Sedore Road	Highway 11 N	Luigi Road	0.1	100	PR	1-5 years	\$16,000	24
238	1	1144	Fairview Drive	Crescent Drive	Pinedale Road	0.1	200	PR	1-5 years	\$19,000	31
239	1	1060	George Street	Mary Street N	Sarah Street N	0.1	140	PR	1-5 years	\$31,000	37
240	1	1215	George Street	Muskoka Road N	John Street N	0.1	150	PR	1-5 years	\$31,000	34
241	1	1059	George Street	John Street N	Mary Street N	0.1	140	PR	1-5 years	\$31,000	34
242	1	1061	George Street	Sarah Street N	Austin Street	0.1	140	PR	6-10 years	\$29,000	20
243	1	1594	Talbot Trail	Graham Road	Joseph Pl	0.1	100	PR	6-10 years	\$25,000	22
244	1	1595	Talbot Trail	Joseph Pl	Alana Boulevard	0.3	100	PR	6-10 years	\$64,000	19
245	0	1588	Talbot Trail	Alana Boulevard	End	0.1	50	PR	6-10 years	\$30,000	22
246	1	1016	Nelson Street	Muskoka Road S	Clarence Street	0.1	300	PR	6-10 years	\$34,000	21
247	1	1085	Art Crisp Road	Baseline Road	End	1.1	70	PR	1-5 years	\$223,000	31
Year 7 total										\$4,324,000	
Year 8 2029											
248	0	1523	Fairview Drive	Pinegrove Street	Crescent Drive	0.3	200	PR-S	6-10 years	\$440,000	27
249	1	1055	Bakery Lane	Muskoka Road 169	Mcperson Street	0.1	200	PR	1-5 years	\$18,000	25
250	1	1058	Frederick Lane	Benzinger Road	Nora Lane	0.9	30	PR	now	\$54,000	24
251	1	1638	Winewood Avenue W	Muskoka Road N	John Street N	0.1	200	R	6-10 years	\$24,000	17
252	1	1641	Winewood Avenue W	Sarah Street N	Austin Street	0.1	200	PR	6-10 years	\$36,000	27
253	0	1598	Winewood Avenue W	Austin Street	End	0.1	40	PR-S	1-5 years	\$135,000	23
254	1	1265	Seehaver Road	Barkway Road	Snowcrest Trail	2.0	55	PR	1-5 years	\$419,000	32
255	1	1500	Sam Cook Road	Houseys Rapids Road	Fire Route 20C	1.4	100	PR	6-10 years	\$309,000	20
256	1	1591	Sutherland Way (North Branch)	Southwood Road	Alana Boulevard	0.3	100	PR	6-10 years	\$69,000	20
257	1	1170	Isaac Street	John Street N	Mary Street N	0.1	150	PR	1-5 years	\$30,000	29
258	1	1171	Isaac Street	Mary Street N	Sarah Street N	0.1	150	PR	6-10 years	\$30,000	24
259	0	1172	Isaac Street	Sarah Street N	End	0.1	70	PR	6-10 years	\$32,000	15

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
260	1	1196	Parkholme Road	Road 5400	End	0.3	20	PR	now	\$17,000	29
261	0	1195	Parkholme Road	Muskoka Road 169	Road 5900	0.1	30	PR	1-5 years	\$22,000	26
262	1	1282	Mary Street N	Winewood Avenue W	Farquhar Street	0.1	150	PR	1-5 years	\$25,000	28
263	1	1283	Mary Street N	Farquhar Street	Wagner Street	0.1	150	PR	6-10 years	\$30,000	25
264	1	1275	Mary Street N	Bay Street	Hughson Street	0.1	200	PR	6-10 years	\$25,000	18
265	1	1216	Gillan Drive	George Beard Lane	Clarence Street	0.1	150	PR	6-10 years	\$27,000	25
266	1	1541	Manson Lane	Southwood Road	Manson Lane (Ramp To Highway 11)	0.1	250	PR	6-10 years	\$42,000	22
267	0	1540	Manson Lane	Cowbell Lane	Southwood Road	0.2	30	PR	1-5 years	\$56,000	27
268	1	1158	Elder Street	Muskoka Road N	First Street N	0.1	200	PR	6-10 years	\$31,000	24
269	1	2069	Lewisham Road	6170 m S of Merkley Road	End	0.7	10	BS	now	\$67,000	36
270	0	2068	Lewisham Road	400 m S of Merkley Road	6170 m S of Merkley Road	6.2	10	PR	now	\$623,000	29
271	1	1247	Hedgewood Lane	Twigs End	Pineridge Gate	0.2	300	PR	6-10 years	\$63,000	19
272	1	1244	Hedgewood Lane	Pineridge Gate	Stonehedge Close	0.1	300	PR	6-10 years	\$37,000	18
273	1	1505	Alana Boulevard	Talbot Trail	Sutherland Way	0.2	100	PR	6-10 years	\$48,000	18
274	1	1347	North Sunset Bay Road	Narrows Road	End	0.8	30	PR	now	\$64,000	24
275	1	1483	Springwood Crescent	Pineridge Gate (1st Intersection)	Pineridge Gate (2nd Intersection)	0.5	300	PR	6-10 years	\$130,000	19
276	1	1315	Fleming Drive	Amelia Crescent (1st Intersection)	600m NE of Amelia Crescent (1st Intersection)	0.4	200	PR	6-10 years	\$98,000	22
277	1	1314	Fleming Drive	Hastings Drive	Amelia Crescent	0.1	200	PR	6-10 years	\$26,000	17
278	1	1137	Crescent Drive	Park Lane	Fairview Drive	0.1	200	PR	6-10 years	\$28,000	24
279	1	1078	Clairmont Road	Bay Street	End	0.2	150	PR	6-10 years	\$41,000	23
280	1	1193	Oriole Crescent	Islander Drive	End	0.2	150	PR	1-5 years	\$62,000	31
281	0	1469	Oriole Crescent	Segwun Boulevard	Oriole Crescent	0.1	101	PR-S	1-5 years	\$168,000	29
282	1	1267	Pineridge Gate	Springwood Crescent (1st Intersection)	Springwood Crescent (2nd Intersection)	0.1	300	PR	6-10 years	\$38,000	19
283	1	1018	Brydons Bay Road	Mejemi Lane	Sunny Bay Lane	0.7	50	PR	1-5 years	\$139,000	27
284	0	1020	Brydons Bay Road	Old Portage Road	1292 Brydons Bay Road	0.6	50	PR	6-10 years	\$130,000	21
285	0	1019	Brydons Bay Road	Sunny Bay Lane	Old Portage Road	0.5	50	PR	6-10 years	\$102,000	17
286	0	1017	Brydons Bay Road	Fletcher Road	Mejemi Lane	0.1	50	PR	6-10 years	\$21,000	16
287	0	1026	Brydons Bay Road	Chamberlain Drive	Fletcher Road	0.4	50	PR	1-5 years	\$101,000	22
288	0	1713	Brydons Bay Road	Brydons Bay Road	End	0.3	20	PR	6-10 years	\$57,000	14
289	0	1714	Brydons Bay Road	1318 Brydons Bay Road	1320 Brydons Bay Road	0.0	5	PR	6-10 years	\$7,000	12

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
290	0	1715	1292 Brydons Bay Road	Brydons Bay Road	End	0.1	5	PR	1-5 years	\$17,000	25
291	1	1306	Severn River Road	East Severn River Road	End	0.8	55	PR	1-5 years	\$178,000	24
292	1	1303	Langford Drive	Winhara Road	End	0.2	200	PR	6-10 years	\$52,000	22
293	0	1305	Severn River Road	Southwood Road	East Severn River Road	0.5	55	PR	6-10 years	\$113,000	13
Year 8 total										\$4,281,000	
Year 9 2030											
294	1	1475	Private Street	Mcperson Street	End	0.1	50	PR	1-5 years	\$10,000	25
295	0	1476	Private Street	Mcperson Street	Musquash Road	0.2	100	PR	6-10 years	\$46,000	19
296	1	1520	Bird Haven Way	Tomingas Road	End	0.2	20	PR	now	\$10,000	23
297	1	1308	Margaret Street	Muskoka Road S	Clarence Street	0.1	250	PR	6-10 years	\$31,000	17
298	1	1724	Ben Lake Road E	490m S of Ben Lake Road E	End	0.3	20	PR	now	\$23,000	24
299	0	1067	Ben Lake Road E	800m E of Barkway Road	850m E of Barkway Road	0.1	15	PR	1-5 years	\$7,000	25
300	1	1408	North Street	Muskoka Road 169	Loudon Point Road	0.4	180	PR	6-10 years	\$113,000	22
301	1	1409	North Street	Muskoka Road 169	Loudon Point Road	0.0	180	PR	6-10 years	\$6,000	16
302	0	1139	Cyril Gill Drive	Road 1100	End	0.1	20	PR	now	\$9,000	24
303	1	1261	Kingswood Drive	Pinegrove Street	Hahne Drive	0.1	140	PR-S	6-10 years	\$25,000	17
304	0	1130	Joseph Pl	Talbot Trail	End	0.1	60	PR	6-10 years	\$30,000	17
305	0	1443	Frank Cooper Trail	1017m NE of Houseys Rapids Road	Fire Route 8A	1.7	10	BS	now	\$217,000	37
306	0	1628	Frank Cooper Trail	Houseys Rapids Road	1017m NE of Houseys Rapids Road	1.0	10	PR	6-10 years	\$185,000	14
307	1	1262	Knister Road	Muskoka Road N	Robinson Avenue	0.1	150	PR	6-10 years	\$31,000	19
308	1	1083	Amelia Crescent	Fleming Drive (1st Intersection)	400m NE of Fleming Drive (1st Intersection)	0.4	200	PR	6-10 years	\$101,000	16
309	1	1568	Sixth Street	Phillip Street E	David Street	0.3	100	PR	1-5 years	\$70,000	28
310	0	1569	Sixth Street	David Street	End	0.3	50	PR	1-5 years	\$55,000	22
311	0	1125	Laidlaw Avenue	Coopers Falls Road	End	1.0	60	PR	6-10 years	\$189,000	18
312	1	1629	Tryon Drive	Hastings Drive	Erins Way	0.2	200	PR	6-10 years	\$61,000	17
313	1	1038	Fraser Street	Emma Street	Austin Street	0.2	100	PR	1-5 years	\$48,000	31
314	0	1039	Fraser Street	Austin Street	Louise Street	0.1	100	PR	6-10 years	\$35,000	22
315	0	1388	Silver Birch Road	Pudder Road	End	0.2	40	PR	1-5 years	\$36,000	25
316	0	1567	Silver Birch Road	Sunshine Court	Damin Road	0.2	50	PR	6-10 years	\$36,000	15
317	0	1387	Silver Birch Road	Damin Road	Pudden Road	0.2	40	PR	6-10 years	\$40,000	16
318	1	1512	Crawford Road	Jones Road	End	0.5	175	PR	6-10 years	\$116,000	16

Gravenhurst Road Needs Study 2021

10-Year Improvement Program - Based on Priority Guide Number

Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
319	1	1509	Alexander Street	Palmer Drive	Brydons Bay Road	0.5	150	PR	6-10 years	\$135,000	22
320	0	1146	Fernwood Drive	James Street	Pratt Crescent	0.3	300	PR-S	1-5 years	\$415,000	42
321	0	1124	Fernwood Drive	Pratt Crescent (1st Intersection)	200m SE of Pratt Crescent (1st Intersection)	0.2	200	PR-S	6-10 years	\$286,000	18
322	1	1141	David Street	Fifth Street	Sixth Street	0.1	150	PR	6-10 years	\$32,000	16
323	0	1071	David Street	First Street S	Bethune Drive S	0.1	268	PR-S	6-10 years	\$176,000	22
324	0	1142	David Street	Sixth Street	End	0.1	50	PR	6-10 years	\$24,000	20
325	0	1300	Kelly Drive	Pinedale Road	Pineridge Gate	0.4	450	PR-S	6-10 years	\$552,000	29
326	0	1426	Second Street S	Brock Street	Royal Street	0.1	500	R-S	6-10 years	\$178,000	33
327	1	1561	Pratt Crescent	Watson Lane	Fernwood Drive	0.1	100	PR	1-5 years	\$29,000	25
328	0	1560	Pratt Crescent	Fernwood Drive	Watson Lane	0.3	200	PR-S	6-10 years	\$426,000	20
329	1	1728	Campbells Road	Gravenhurst Parkway	350 m South of Gravenhurst Parkway (approx. to No. 1030)	0.4	100	PR	6-10 years	\$88,000	22
330	0	1669	Ruttans Road W	1000m W of Housey's Rapid Road (+/Slope)	100m W of Housey's Rapid Road (b/slope)	0.1	12	PR	now	\$8,000	29
331	0	1272	Old Portage Road	Brydons Bay Road	End	0.6	35	PR	1-5 years	\$112,000	23
332	0	1555	Park Lane	Pinegrove Street	Crescent Drive	0.3	150	PR	6-10 years	\$75,000	16
333	0	1230	Rayner Street	David Street	Pinedale Road	0.1	100	PR	6-10 years	\$28,000	23
334	0	1302	Lakeview Avenue	Vincent Avenue	Knister Road	0.2	100	PR	6-10 years	\$36,000	19
335	0	1257	Jim Wood Lane	Southwood Road	Jim Wood Lane	0.5	25	PR	1-5 years	\$91,000	27
336	0	1492	Road 7000	Kilworthy Road	End	0.3	10	PR	now	\$22,000	28
337	0	1480	Revell Street	Dungey Street	End	0.2	50	PR	1-5 years	\$35,000	30
Year 9 total										\$4,278,000	
Year 10 2031											
338	0	1542	Jim Wood Lane	Jim Wood Lane	End	0.5	25	PR	6-10 years	\$89,000	15
339	0	1202	Hopkins Road	Merkley Road	End	0.5	10	PR	now	\$34,000	25
340	0	1120	Charles Road	Muskoka Road 169	End	1.0	50	REC	now	\$880,000	38
341	0	1459	Veterans Way	Muskoka Road S	First Street S	0.1	500	PR-S	6-10 years	\$150,000	22
342	0	1129	Goldfinch Court	Kilworthy Road	End	0.2	40	REC	now	\$167,000	37
343	0	1658	Barnes Road	Winhara Road	End	0.7	30	PR	1-5 years	\$144,000	22
344	0	1654	Blueberry Lane	North Muldrew Lake Road	End	0.2	20	PR	1-5 years	\$29,000	29
345	0	1069	Freeland Drive	Thain Street W	End	0.2	75	R	6-10 years	\$35,000	16
346	0	1056	Balfour Woods Road	1008 Balfour Woods Road	Long Point Drive	0.7	40	PR	6-10 years	\$138,000	17

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
347	0	1181	Emma Street	Wagner Street	Fraser Street	0.1	50	PR	1-5 years	\$19,000	29
348	0	1659	Grace Court	Gateway Drive	End	0.1	30	PR	1-5 years	\$33,000	21
349	0	1493	Robinson Avenue	Vincent Avenue	Knister Road	0.3	80	PR	6-10 years	\$59,000	19
350	0	1488	Wellington Street	Evans Avenue E	Catherine Street E	0.2	70	PR	1-5 years	\$62,000	24
351	0	1487	Wellington Street	Blanchard Street E	Evans Avenue E	0.3	70	PR	6-10 years	\$70,000	22
352	0	1486	Wellington Street	Thain Street E	Blanchard Street E	0.3	70	PR	6-10 years	\$79,000	15
353	0	1649	Woodmans Chart	Pineridge Gate 130m S of Hedgewood Lane	Pineridge Gate 160m W of Springwood Crescent	0.3	125	PR	6-10 years	\$85,000	15
354	0	1253	Lawland Heights Road	Narrows Road	895m NW of Narrows Road	0.9	50	PR	6-10 years	\$198,000	13
355	0	1726	Lawland Heights Road	895m NW of Narrows Road	End	0.3	50	PR	6-10 years	\$60,000	13
356	0	1119	Lofty Pines Crescent	Lofty Pines Drive	End	0.1	50	PR	1-5 years	\$13,000	24
357	0	1689	Loudon Point Road	North Street	95m NW of Loudon Point Road	0.1	90	PR	6-10 years	\$22,000	15
358	0	1123	Douglas Street	Catherine Street W	Palmer Drive	0.2	80	PR	6-10 years	\$63,000	20
359	0	1394	Phillip Street E	Fourth Street	Sixth Street	0.1	270	R-S	6-10 years	\$159,000	28
360	0	1299	Juniper Drive	Peninsula Road	End	0.2	27	REC	now	\$174,000	36
361	0	1106	Blanchard Street E	Muskoka Beach Road	Wellington Street	0.1	70	PR	6-10 years	\$32,000	20
362	0	1147	Fifth Street	David Street	End	0.1	50	PR	1-5 years	\$18,000	22
363	0	1593	Taverner Road	Doe Lake Road	End	0.4	30	PR	6-10 years	\$75,000	15
364	0	1047	John Street S	Ridge Road	End	0.2	50	PR	1-5 years	\$44,000	23
365	0	1427	Wanda Miller Road	Hotchkiss Street	End	0.1	50	PR	6-10 years	\$19,000	19
366	0	1431	Wanda Miller Road	Bay Street	Hotchkiss Street	0.1	200	PR-S	6-10 years	\$134,000	18
367	0	1558	Peter Street	Mary Street N	Sarah Street N	0.1	150	PR-S	1-5 years	\$163,000	32
368	0	1557	Peter Street	John Street N	Mary Street N	0.1	150	PR-S	6-10 years	\$170,000	16
369	0	1011	Heywood Lane	Gravenhurst Parkway	End	0.1	70	PR	6-10 years	\$33,000	15
370	0	1700	North Shore Drive	Bethune Drive N	80m S of Bethune Drive N	0.1	20	PR	6-10 years	\$13,000	16
371	0	1050	Catherine Street W	Alexander Street	Douglas Street	0.1	70	PR	6-10 years	\$32,000	15
372	0	1127	Dove Drive	Kilworthy Road	End	0.1	20	PR	6-10 years	\$11,000	17
373	0	1511	Cox Road	Highway 11 S	End	0.3	10	PR	1-5 years	\$65,000	28
374	0	1566	Simpson Road	Bethune Drive N	End	0.5	30	PR	1-5 years	\$110,000	24
375	0	1732	Picard Lane	Picard Lane (Ramp To Highway 11)	252m W of Picard Lane (Ramp To Highway 11)	0.3	30	PR	1-5 years	\$55,000	22
376	0	1217	Glen Echo Road	Muskoka Road 169	1016 Glen Echo Road	0.1	27	PR	1-5 years	\$26,000	21

Gravenhurst Road Needs Study 2021

**10-Year Improvement Program - Based on Priority Guide Number
Scenario 4: Upgrade LCB Surfaces to HCB, Upgrade Storm Sewer**

Rank	Priority Guide Number	Road Section Identification						Improvement			Priority Rating
		Section	Road Name	From	To	Length (km)	Average 2021 AADT	Type	Time	Value	
377	0	1151	Fourth Street	Phillip Street E	Bishop Street	0.1	50	PR	6-10 years	\$25,000	13
378	0	1152	Fourth Street	Bishop Street	End	0.1	30	PR	6-10 years	\$13,000	16
379	0	1608	Watson Lane	Pratt Crescent	End	0.1	50	PR	6-10 years	\$14,000	13
380	0	1653	Sewage Treatment Plant Road	Muskoka Beach Road	End	0.3	20	PR	1-5 years	\$60,000	21
381	0	1339	Heron Lane	Kilworthy Road	End	0.1	10	REC	now	\$44,000	34
382	0	1190	Moody Drive	Bethune Drive N	End	0.1	50	PR	6-10 years	\$26,000	13
383	0	1241	Hahne Drive	Pineridge Gate	Kingswood Drive	0.2	141	PR-S	6-10 years	\$244,000	15
384	0	1731	Hummingbird Lane	Kilworthy Road	End	0.1	10	PR	6-10 years	\$11,000	14
385	0	1652	Water Treatment Plant Road	Muskoka Beach Road	End	0.2	20	PR	6-10 years	\$44,000	16
386	0	1145	Dungey Street	Revell Street	End	0.1	10	PR	6-10 years	\$12,000	14
387	0	1562	Theatre Road	Gravenhurst Pkwy	End	0.2	10	PR	6-10 years	\$54,000	12
Year 10 total										\$4,309,000	
10 year total										\$42,966,000	
Annual average										\$4,296,600	

BS - base and surface
REC - reconstruct

PR - pulverize and resurface with 1 or 2 lifts
PR-S - pulverize and resurface with 1 or 2 lifts, and upgrade storm sewer

R - resurface with 1 or 2 lifts
R-S - resurface with 1 or 2 lifts, and upgrade storm sewer

Appendix I: Life-Cycle Costing

Gravenhurst Road Needs Study 2021

Life Cycle Costing - Gravel Roads

Good Base					
Year	Dust Control	Grading	Maintenance Gravel	Spot Gravel	Total Cost
0	\$ 1,680	\$ 450			\$ 2,130
1	\$ 1,680	\$ 450			\$ 2,130
2	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
3	\$ 1,680	\$ 450			\$ 2,130
4	\$ 1,680	\$ 450			\$ 2,130
5	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
6	\$ 1,680	\$ 450		\$ 280	\$ 2,410
7	\$ 1,680	\$ 450			\$ 2,130
8	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
9	\$ 1,680	\$ 450			\$ 2,130
10	\$ 1,680	\$ 450			\$ 2,130
11	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
12	\$ 1,680	\$ 450			\$ 2,130
13	\$ 1,680	\$ 450		\$ 280	\$ 2,410
14	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
15	\$ 1,680	\$ 450			\$ 2,130
16	\$ 1,680	\$ 450			\$ 2,130
17	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
18	\$ 1,680	\$ 450			\$ 2,130
19	\$ 1,680	\$ 450			\$ 2,130
20	\$ 1,680	\$ 450	\$ 23,520	\$ 280	\$ 25,930
21	\$ 1,680	\$ 450			\$ 2,130
22	\$ 1,680	\$ 450			\$ 2,130
23	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
24	\$ 1,680	\$ 450			\$ 2,130
25	\$ 1,680	\$ 450			\$ 2,130
26	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
27	\$ 1,680	\$ 450		\$ 280	\$ 2,410
28	\$ 1,680	\$ 450			\$ 2,130
29	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
30	\$ 1,680	\$ 450			\$ 2,130
31	\$ 1,680	\$ 450			\$ 2,130
32	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
33	\$ 1,680	\$ 450			\$ 2,130
34	\$ 1,680	\$ 450		\$ 280	\$ 2,410
35	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
36	\$ 1,680	\$ 450			\$ 2,130
37	\$ 1,680	\$ 450			\$ 2,130
38	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
39	\$ 1,680	\$ 450			\$ 2,130

Moderate Base					
Year	Dust Control	Grading	Maintenance Gravel	Spot Gravel	Total Cost
0	\$ 1,680	\$ 1,800			\$ 3,480
1	\$ 1,680	\$ 1,800			\$ 3,480
2	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
3	\$ 1,680	\$ 1,800			\$ 3,480
4	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
5	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
6	\$ 1,680	\$ 1,800			\$ 3,480
7	\$ 1,680	\$ 1,800			\$ 3,480
8	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
9	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
10	\$ 1,680	\$ 1,800			\$ 3,480
11	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
12	\$ 1,680	\$ 1,800			\$ 3,480
13	\$ 1,680	\$ 1,800			\$ 3,480
14	\$ 1,680	\$ 1,800	\$ 23,520	\$ 420	\$ 27,420
15	\$ 1,680	\$ 1,800			\$ 3,480
16	\$ 1,680	\$ 1,800			\$ 3,480
17	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
18	\$ 1,680	\$ 1,800			\$ 3,480
19	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
20	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
21	\$ 1,680	\$ 1,800			\$ 3,480
22	\$ 1,680	\$ 1,800			\$ 3,480
23	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
24	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
25	\$ 1,680	\$ 1,800			\$ 3,480
26	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
27	\$ 1,680	\$ 1,800			\$ 3,480
28	\$ 1,680	\$ 1,800			\$ 3,480
29	\$ 1,680	\$ 1,800	\$ 23,520	\$ 420	\$ 27,420
30	\$ 1,680	\$ 1,800			\$ 3,480
31	\$ 1,680	\$ 1,800			\$ 3,480
32	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
33	\$ 1,680	\$ 1,800			\$ 3,480
34	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
35	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
36	\$ 1,680	\$ 1,800			\$ 3,480
37	\$ 1,680	\$ 1,800			\$ 3,480
38	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
39	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900

Poor Base					
Year	Dust Control	Grading	Maintenance Gravel	Spot Gravel	Total Cost
0	\$ 2,520	\$ 3,600			\$ 6,120
1	\$ 2,520	\$ 3,600			\$ 6,120
2	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
3	\$ 2,520	\$ 3,600			\$ 6,120
4	\$ 2,520	\$ 3,600			\$ 6,120
5	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
6	\$ 2,520	\$ 3,600			\$ 6,120
7	\$ 2,520	\$ 3,600			\$ 6,120
8	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
9	\$ 2,520	\$ 3,600			\$ 6,120
10	\$ 2,520	\$ 3,600			\$ 6,120
11	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
12	\$ 2,520	\$ 3,600			\$ 6,120
13	\$ 2,520	\$ 3,600			\$ 6,120
14	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
15	\$ 2,520	\$ 3,600			\$ 6,120
16	\$ 2,520	\$ 3,600			\$ 6,120
17	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
18	\$ 2,520	\$ 3,600			\$ 6,120
19	\$ 2,520	\$ 3,600			\$ 6,120
20	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
21	\$ 2,520	\$ 3,600			\$ 6,120
22	\$ 2,520	\$ 3,600			\$ 6,120
23	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
24	\$ 2,520	\$ 3,600			\$ 6,120
25	\$ 2,520	\$ 3,600			\$ 6,120
26	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
27	\$ 2,520	\$ 3,600			\$ 6,120
28	\$ 2,520	\$ 3,600			\$ 6,120
29	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
30	\$ 2,520	\$ 3,600			\$ 6,120
31	\$ 2,520	\$ 3,600			\$ 6,120
32	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
33	\$ 2,520	\$ 3,600			\$ 6,120
34	\$ 2,520	\$ 3,600			\$ 6,120
35	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
36	\$ 2,520	\$ 3,600			\$ 6,120
37	\$ 2,520	\$ 3,600			\$ 6,120
38	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
39	\$ 2,520	\$ 3,600			\$ 6,120

Gravenhurst Road Needs Study 2021

Life Cycle Costing - Gravel Roads

Good Base					
Year	Dust Control	Grading	Maintenance Gravel	Spot Gravel	Total Cost
40	\$ 1,680	\$ 450			\$ 2,130
41	\$ 1,680	\$ 450	\$ 23,520	\$ 280	\$ 25,930
42	\$ 1,680	\$ 450			\$ 2,130
43	\$ 1,680	\$ 450			\$ 2,130
44	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
45	\$ 1,680	\$ 450			\$ 2,130
46	\$ 1,680	\$ 450			\$ 2,130
47	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
48	\$ 1,680	\$ 450		\$ 280	\$ 2,410
49	\$ 1,680	\$ 450			\$ 2,130
50	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
51	\$ 1,680	\$ 450			\$ 2,130
52	\$ 1,680	\$ 450			\$ 2,130
53	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
54	\$ 1,680	\$ 450			\$ 2,130
55	\$ 1,680	\$ 450		\$ 280	\$ 2,410
56	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
57	\$ 1,680	\$ 450			\$ 2,130
58	\$ 1,680	\$ 450			\$ 2,130
59	\$ 1,680	\$ 450	\$ 23,520		\$ 25,650
Total	\$ 100,800	\$ 27,000	\$ 470,400	\$ 2,240	\$ 600,440
Applications	60	360	20	8	

Notes

- 1. Number of times dust control is applied per year 1 time
16,800 L per year
- 2. Number of times road is graded per year 6 times
- 3. Maintenance gravel to be applied every 3 years
50 mm depth
- 4. Spot gravel to be applied every 7 years
10 tonnes

Moderate Base					
Year	Dust Control	Grading	Maintenance Gravel	Spot Gravel	Total Cost
40	\$ 1,680	\$ 1,800			\$ 3,480
41	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
42	\$ 1,680	\$ 1,800			\$ 3,480
43	\$ 1,680	\$ 1,800			\$ 3,480
44	\$ 1,680	\$ 1,800	\$ 23,520	\$ 420	\$ 27,420
45	\$ 1,680	\$ 1,800			\$ 3,480
46	\$ 1,680	\$ 1,800			\$ 3,480
47	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
48	\$ 1,680	\$ 1,800			\$ 3,480
49	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
50	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
51	\$ 1,680	\$ 1,800			\$ 3,480
52	\$ 1,680	\$ 1,800			\$ 3,480
53	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
54	\$ 1,680	\$ 1,800		\$ 420	\$ 3,900
55	\$ 1,680	\$ 1,800			\$ 3,480
56	\$ 1,680	\$ 1,800	\$ 23,520		\$ 27,000
57	\$ 1,680	\$ 1,800			\$ 3,480
58	\$ 1,680	\$ 1,800			\$ 3,480
59	\$ 1,680	\$ 1,800	\$ 23,520	\$ 420	\$ 27,420
Total	\$ 100,800	\$ 108,000	\$ 470,400	\$ 5,040	\$ 684,240
Applications	60	1440	20	12	

Notes

- 1. Number of times dust control is applied per year 1 time
16,800 L per year
- 2. Number of times road is graded per year 24 times
- 3. Maintenance gravel to be applied every 3 years
50 mm depth
- 4. Spot gravel to be applied every 5 years
15 tonnes

Poor Base					
Year	Dust Control	Grading	Maintenance Gravel	Spot Gravel	Total Cost
40	\$ 2,520	\$ 3,600			\$ 6,120
41	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
42	\$ 2,520	\$ 3,600			\$ 6,120
43	\$ 2,520	\$ 3,600			\$ 6,120
44	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
45	\$ 2,520	\$ 3,600			\$ 6,120
46	\$ 2,520	\$ 3,600			\$ 6,120
47	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
48	\$ 2,520	\$ 3,600			\$ 6,120
49	\$ 2,520	\$ 3,600			\$ 6,120
50	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
51	\$ 2,520	\$ 3,600			\$ 6,120
52	\$ 2,520	\$ 3,600			\$ 6,120
53	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
54	\$ 2,520	\$ 3,600			\$ 6,120
55	\$ 2,520	\$ 3,600			\$ 6,120
56	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
57	\$ 2,520	\$ 3,600			\$ 6,120
58	\$ 2,520	\$ 3,600			\$ 6,120
59	\$ 2,520	\$ 3,600	\$ 23,520	\$ 420	\$ 30,060
Total	\$ 151,200	\$ 216,000	\$ 470,400	\$ 8,400	\$ 846,000
Applications	60	2880	20	20	

Notes

- 1. Number of times dust control is applied per year 1 time
25,200 L per year
- 2. Number of times road is graded per year 48 times
- 3. Maintenance gravel to be applied every 3 years
50 mm depth
- 4. Spot gravel to be applied every 3 years
15 tonnes

Gravenhurst Road Needs Study 2021

Life Cycle Costing - Surface Treated Roads

Good Base						
Year	Surface Treatment	Slurry Seal	Cold Mix Patch	Spray Patch Gravel	Pulverize	Total Cost
0	\$ 56,000				\$ 25,550	\$ 81,550
1						\$ -
2						\$ -
3		\$ 17,500				\$ 17,500
4						\$ -
5			\$ 190			\$ 190
6						\$ -
7						\$ -
8						\$ -
9						\$ -
10			\$ 190	\$ 1,500		\$ 1,690
11						\$ -
12						\$ -
13						\$ -
14						\$ -
15	\$ 56,000				\$ 25,550	\$ 81,550
16						\$ -
17						\$ -
18		\$ 17,500				\$ 17,500
19						\$ -
20			\$ 190			\$ 190
21						\$ -
22						\$ -
23						\$ -
24						\$ -
25			\$ 190	\$ 1,500		\$ 1,690
26						\$ -
27						\$ -
28						\$ -
29						\$ -
30	\$ 56,000				\$ 25,550	\$ 81,550
31						\$ -
32						\$ -
33		\$ 17,500				\$ 17,500
34						\$ -
35			\$ 190			\$ 190
36						\$ -
37						\$ -
38						\$ -
39						\$ -
40			\$ 190	\$ 1,500		\$ 1,690

Moderate Base						
Year	Surface Treatment	Slurry Seal	Cold Mix Patch	Spray Patch Gravel	Pulverize	Total Cost
0	\$ 56,000				\$ 25,550	\$ 81,550
1						\$ -
2						\$ -
3		\$ 17,500				\$ 17,500
4						\$ -
5			\$ 570	\$ 1,500		\$ 2,070
6						\$ -
7						\$ -
8						\$ -
9						\$ -
10	\$ 56,000				\$ 25,550	\$ 81,550
11						\$ -
12						\$ -
13		\$ 17,500				\$ 17,500
14						\$ -
15			\$ 570	\$ 1,500		\$ 2,070
16						\$ -
17						\$ -
18						\$ -
19						\$ -
20	\$ 56,000				\$ 25,550	\$ 81,550
21						\$ -
22						\$ -
23		\$ 17,500				\$ 17,500
24						\$ -
25			\$ 570	\$ 1,500		\$ 2,070
26						\$ -
27						\$ -
28						\$ -
29						\$ -
30	\$ 56,000				\$ 25,550	\$ 81,550
31						\$ -
32						\$ -
33		\$ 17,500				\$ 17,500
34						\$ -
35			\$ 570	\$ 1,500		\$ 2,070
36						\$ -
37						\$ -
38						\$ -
39						\$ -
40	\$ 56,000				\$ 25,550	\$ 81,550

Poor Base						
Year	Surface Treatment	Slurry Seal	Cold Mix Patch	Spray Patch Gravel	Pulverize	Total Cost
0	\$ 56,000				\$ 25,550	\$ 81,550
1						\$ -
2						\$ -
3			\$ 570			\$ 570
4						\$ -
5	\$ 56,000				\$ 25,550	\$ 81,550
6						\$ -
7						\$ -
8			\$ 570			\$ 570
9						\$ -
10	\$ 56,000				\$ 25,550	\$ 81,550
11						\$ -
12						\$ -
13			\$ 570			\$ 570
14						\$ -
15	\$ 56,000				\$ 25,550	\$ 81,550
16						\$ -
17						\$ -
18			\$ 570			\$ 570
19						\$ -
20	\$ 56,000				\$ 25,550	\$ 81,550
21						\$ -
22						\$ -
23			\$ 570			\$ 570
24						\$ -
25	\$ 56,000				\$ 25,550	\$ 81,550
26						\$ -
27						\$ -
28			\$ 570			\$ 570
29						\$ -
30	\$ 56,000				\$ 25,550	\$ 81,550
31						\$ -
32						\$ -
33			\$ 570			\$ 570
34						\$ -
35	\$ 56,000				\$ 25,550	\$ 81,550
36						\$ -
37						\$ -
38			\$ 570			\$ 570
39						\$ -
40	\$ 56,000				\$ 25,550	\$ 81,550

Gravenhurst Road Needs Study 2021

Life Cycle Costing - Surface Treated Roads

Good Base						
Year	Surface Treatment	Slurry Seal	Cold Mix Patch	Spray Patch Gravel	Pulverize	Total Cost
41						\$ -
42						\$ -
43						\$ -
44						\$ -
45	\$ 56,000				\$ 25,550	\$ 81,550
46						\$ -
47						\$ -
48		\$ 17,500				\$ 17,500
49						\$ -
50			\$ 190			\$ 190
51						\$ -
52						\$ -
53						\$ -
54						\$ -
55			\$ 190	\$ 1,500		\$ 1,690
56						\$ -
57						\$ -
58						\$ -
59						\$ -
Total	\$ 224,000	\$ 70,000	\$ 1,520	\$ 6,000	\$ 102,200	\$ 403,720
Applications	4	4	8	4	4	

Moderate Base						
Year	Surface Treatment	Slurry Seal	Cold Mix Patch	Spray Patch Gravel	Pulverize	Total Cost
41						\$ -
42						\$ -
43		\$ 17,500				\$ 17,500
44						\$ -
45			\$ 570	\$ 1,500		\$ 2,070
46						\$ -
47						\$ -
48						\$ -
49						\$ -
50	\$ 56,000				\$ 25,550	\$ 81,550
51						\$ -
52						\$ -
53		\$ 17,500				\$ 17,500
54						\$ -
55			\$ 570	\$ 1,500		\$ 2,070
56						\$ -
57						\$ -
58						\$ -
59						\$ -
Total	\$ 336,000	\$ 105,000	\$ 3,420	\$ 9,000	\$ 153,300	\$ 606,720
Applications	6	6	6	6	6	

Poor Base						
Year	Surface Treatment	Slurry Seal	Cold Mix Patch	Spray Patch Gravel	Pulverize	Total Cost
41						\$ -
42						\$ -
43			\$ 570			\$ 570
44						\$ -
45	\$ 56,000				\$ 25,550	\$ 81,550
46						\$ -
47						\$ -
48			\$ 570			\$ 570
49						\$ -
50	\$ 56,000				\$ 25,550	\$ 81,550
51						\$ -
52						\$ -
53			\$ 570			\$ 570
54						\$ -
55	\$ 56,000				\$ 25,550	\$ 81,550
56						\$ -
57						\$ -
58			\$ 570			\$ 570
59						\$ -
Total	\$ 672,000	\$ -	\$ 6,840	\$ -	\$ 306,600	\$ 985,440
Applications	12	0	12	0	12	

Notes

- 1. Double surface treatment applied every 15 years
- 2. Slurry seal applied in year 3 and every 15 years
- 3. Cold mix patch applied every 5 years
- 4. Spray patch applied every 1 tonne
- 5. Pulverize prior to each new surface treatment application 500 m²

Notes

- 1. Double surface treatment applied every 10 years
- 2. Slurry seal applied in year 3 and every 10 years
- 3. Cold mix patch applied every 10 years
- 4. Spray patch applied every 3 tonnes
- 5. Pulverize prior to each new surface treatment application 500 m²

Notes

- 1. Double surface treatment applied every 5 years
- 2. Slurry seal not required
- 3. Cold mix patch applied every 5 years
- 4. Spray patch not required 3 tonnes
- 5. Pulverize prior to each new surface treatment application

Gravenhurst Road Needs Study 2021

Life Cycle Costing - Asphalt Roads

Good Base						
Year	Asphalt	Crack Seal	Patch Repair	Micro Surfacing	Pulverize	Total Cost
0	\$ 115,780				\$ 25,550	\$ 141,330
1						\$ -
2						\$ -
3						\$ -
4						\$ -
5						\$ -
6						\$ -
7						\$ -
8						\$ -
9						\$ -
10						\$ -
11						\$ -
12		\$ 1,500				\$ 1,500
13						\$ -
14						\$ -
15			\$ 13,500			\$ 13,500
16						\$ -
17						\$ -
18						\$ -
19						\$ -
20				\$ 42,000		\$ 42,000
21						\$ -
22						\$ -
23						\$ -
24		\$ 1,500				\$ 1,500
25						\$ -
26						\$ -
27						\$ -
28						\$ -
29						\$ -
30	\$ 115,780				\$ 25,550	\$ 141,330
31						\$ -
32						\$ -
33						\$ -
34						\$ -
35						\$ -
36						\$ -
37						\$ -
38						\$ -
39						\$ -
40						\$ -
41						\$ -
42		\$ 1,500				\$ 1,500
43						\$ -

Moderate Base						
Year	Asphalt	Crack Seal	Patch Repair	Micro Surfacing	Pulverize	Total Cost
0	\$ 115,780				\$ 25,550	\$ 141,330
1						\$ -
2						\$ -
3						\$ -
4						\$ -
5		\$ 2,500				\$ 2,500
6						\$ -
7						\$ -
8						\$ -
9						\$ -
10		\$ 2,500	\$ 22,500			\$ 25,000
11						\$ -
12						\$ -
13						\$ -
14						\$ -
15		\$ 2,500		\$ 42,000		\$ 44,500
16						\$ -
17						\$ -
18						\$ -
19						\$ -
20	\$ 115,780				\$ 25,550	\$ 141,330
21						\$ -
22						\$ -
23						\$ -
24						\$ -
25		\$ 2,500				\$ 2,500
26						\$ -
27						\$ -
28						\$ -
29						\$ -
30		\$ 2,500	\$ 22,500			\$ 25,000
31						\$ -
32						\$ -
33						\$ -
34						\$ -
35		\$ 2,500		\$ 42,000		\$ 44,500
36						\$ -
37						\$ -
38						\$ -
39						\$ -
40	\$ 115,780				\$ 25,550	\$ 141,330
41						\$ -
42						\$ -
43						\$ -

Poor Base						
Year	Asphalt	Crack Seal	Patch Repair	Micro Surfacing	Pulverize	Total Cost
0	\$ 115,780				\$ 25,550	\$ 141,330
1						\$ -
2						\$ -
3						\$ -
4						\$ -
5		\$ 5,000				\$ 5,000
6						\$ -
7						\$ -
8						\$ -
9						\$ -
10	\$ 115,780				\$ 25,550	\$ 141,330
11						\$ -
12						\$ -
13						\$ -
14						\$ -
15		\$ 5,000				\$ 5,000
16						\$ -
17						\$ -
18						\$ -
19						\$ -
20	\$ 115,780				\$ 25,550	\$ 141,330
21						\$ -
22						\$ -
23						\$ -
24						\$ -
25		\$ 5,000				\$ 5,000
26						\$ -
27						\$ -
28						\$ -
29						\$ -
30	\$ 115,780				\$ 25,550	\$ 141,330
31						\$ -
32						\$ -
33						\$ -
34						\$ -
35		\$ 5,000				\$ 5,000
36						\$ -
37						\$ -
38						\$ -
39						\$ -
40	\$ 115,780				\$ 25,550	\$ 141,330
41						\$ -
42						\$ -
43						\$ -

Gravenhurst Road Needs Study 2021

Life Cycle Costing - Asphalt Roads

Good Base						
Year	Asphalt	Crack Seal	Patch Repair	Micro Surfacing	Pulverize	Total Cost
44						\$ -
45			\$ 13,500			\$ 13,500
46						\$ -
47						\$ -
48						\$ -
49						\$ -
50				\$ 42,000		\$ 42,000
51						\$ -
52						\$ -
53						\$ -
54		\$ 1,500				\$ 1,500
55						\$ -
56						\$ -
57						\$ -
58						\$ -
59						\$ -
Total	\$ 231,560	\$ 6,000	\$ 27,000	\$ 84,000	\$ 51,100	\$ 399,660
Applications	2	4	2	2	2	

Notes

- Asphalt treatment applied every 30 years
- Crack seal applied every 12 years 300 m
- Patch repair completed every 15 years 300 m²
- Microsurfacing applied every 20 years
- Pulverize prior to repaving

Moderate Base						
Year	Asphalt	Crack Seal	Patch Repair	Micro Surfacing	Pulverize	Total Cost
44						\$ -
45		\$ 2,500				\$ 2,500
46						\$ -
47						\$ -
48						\$ -
49						\$ -
50		\$ 2,500	\$ 22,500			\$ 25,000
51						\$ -
52						\$ -
53						\$ -
54						\$ -
55		\$ 2,500		\$ 42,000		\$ 44,500
56						\$ -
57						\$ -
58						\$ -
59						\$ -
Total	\$ 347,340	\$ 22,500	\$ 67,500	\$ 126,000	\$ 76,650	\$ 639,990
Applications	3	9	3	3	3	

Notes

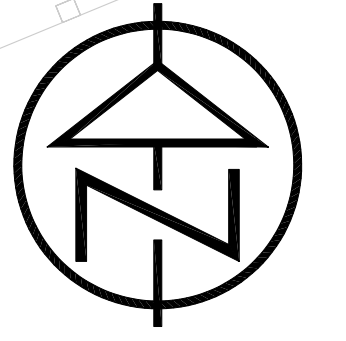
- Asphalt treatment applied every 20 years
- Crack seal applied every 5 years 500 m
- Patch repair completed every 10 years 500 m²
- Microsurfacing applied every 10 years
- Pulverize prior to repaving

Poor Base						
Year	Asphalt	Crack Seal	Patch Repair	Micro Surfacing	Pulverize	Total Cost
44						\$ -
45		\$ 5,000				\$ 5,000
46						\$ -
47						\$ -
48						\$ -
49						\$ -
50	\$ 115,780				\$ 25,550	\$ 141,330
51						\$ -
52						\$ -
53						\$ -
54						\$ -
55		\$ 5,000				\$ 5,000
56						\$ -
57						\$ -
58						\$ -
59						\$ -
Total	\$ 694,680	\$ 30,000	\$ -	\$ -	\$ 153,300	\$ 877,980
Applications	6	6	0	0	6	

Notes

- Asphalt treatment applied every 10 years
- Crack seal applied every 5 years 1000 m
- Patch repair not needed
- Microsurfacing not required
- Pulverize prior to repaving

Appendix J: Mapping



(for northern section of
Town of Gravenhurst,
see FIG-2)

(for western section of
Town of Gravenhurst, see FIG-2)

Gravenhurst
Town Center
(see FIG-3)

TOWN of GRAVENHURST (east)
1:30000

Legend

- No Improvement Scheduled
- Implementation Year, Storm Sewer Improvements**
- 2022, No Storm Sewer Improvements
- 2022, Includes Storm Sewer Improvements
- 2023, No Storm Sewer Improvements
- 2023, Includes Storm Sewer Improvements
- 2024, No Storm Sewer Improvements
- 2025, No Storm Sewer Improvements
- 2025, Includes Storm Sewer Improvements
- 2026, No Storm Sewer Improvements
- 2026, Includes Storm Sewer Improvements
- 2027, No Storm Sewer Improvements
- 2027, Includes Storm Sewer Improvements
- 2028, No Storm Sewer Improvements
- 2028, Includes Storm Sewer Improvements
- 2029, No Storm Sewer Improvements
- 2029, Includes Storm Sewer Improvements
- 2030, No Storm Sewer Improvements
- 2030, Includes Storm Sewer Improvements
- 2031, No Storm Sewer Improvements
- 2031, Includes Storm Sewer Improvements
- Other Roads (not part of study)
- Railway
- ▬ Municipal Boundary
- ▬ Lakes and Major Rivers
- ▬ Parcel Fabric

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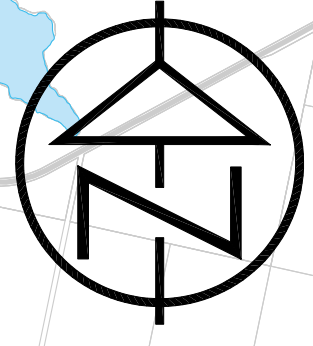
No.	REVISION DESCRIPTION	DATE	ENGINEER'S STAMP

**2021 ROADS NEEDS STUDY
TOWN OF GRAVENHURST**

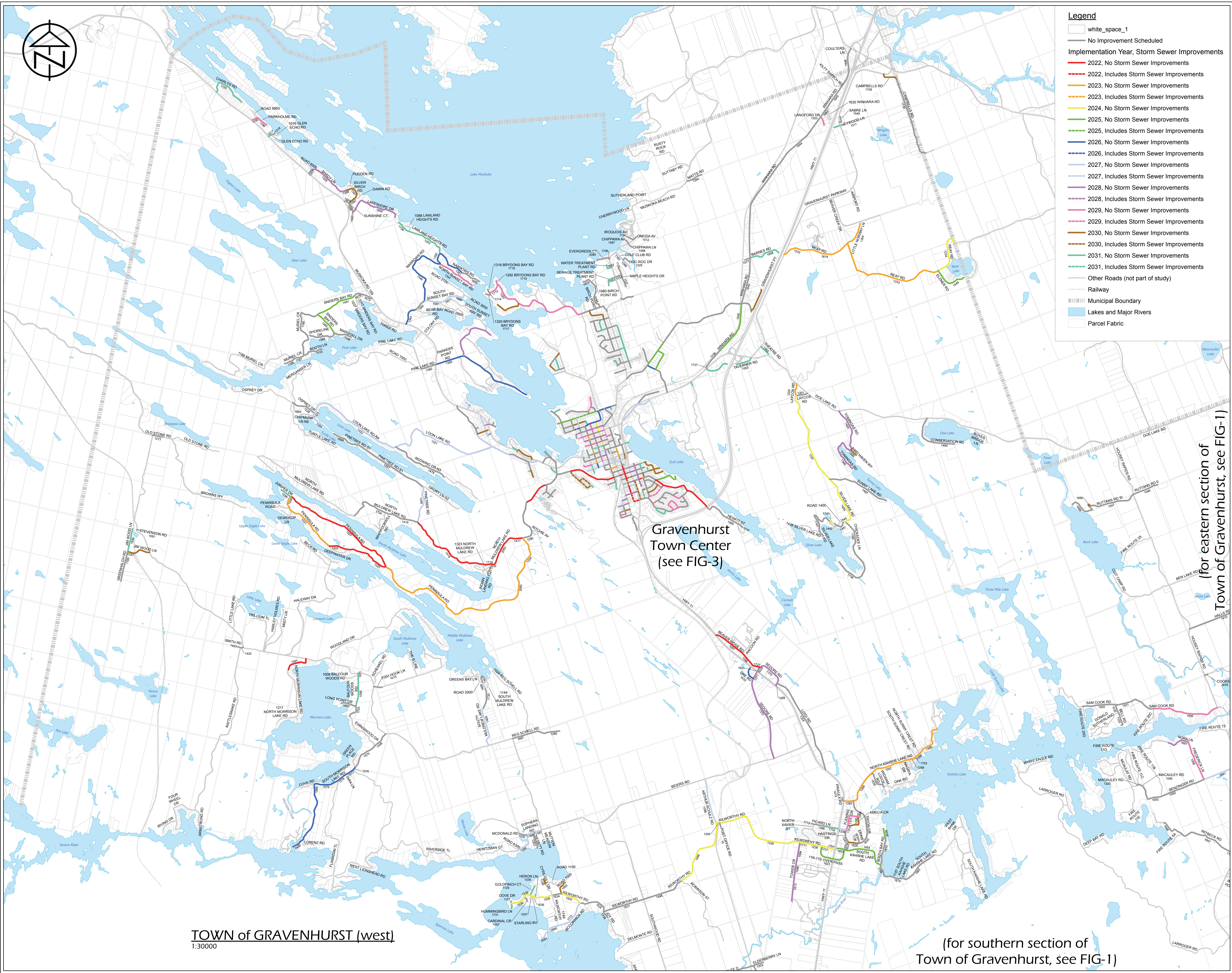
SCENARIO 4
GRAVENHURST EAST
YEAR OF IMPLEMENTATION
(10 YEAR PLAN)

TATHAM ENGINEERING

DESIGN: RTM	FILE: 221525-1	DWG:
DRAWN: WHG	DATE: OCT 2021	FIG-1
CHECK: MJC	SCALE: AS NOTED	



- Legend**
- white_space_1
 - No Improvement Scheduled
 - Implementation Year, Storm Sewer Improvements
 - 2022, No Storm Sewer Improvements
 - 2022, Includes Storm Sewer Improvements
 - 2023, No Storm Sewer Improvements
 - 2023, Includes Storm Sewer Improvements
 - 2024, No Storm Sewer Improvements
 - 2024, Includes Storm Sewer Improvements
 - 2025, No Storm Sewer Improvements
 - 2025, Includes Storm Sewer Improvements
 - 2026, No Storm Sewer Improvements
 - 2026, Includes Storm Sewer Improvements
 - 2027, No Storm Sewer Improvements
 - 2027, Includes Storm Sewer Improvements
 - 2028, No Storm Sewer Improvements
 - 2028, Includes Storm Sewer Improvements
 - 2029, No Storm Sewer Improvements
 - 2029, Includes Storm Sewer Improvements
 - 2030, No Storm Sewer Improvements
 - 2030, Includes Storm Sewer Improvements
 - 2031, No Storm Sewer Improvements
 - 2031, Includes Storm Sewer Improvements
 - Other Roads (not part of study)
 - Railway
 - Municipal Boundary
 - Lakes and Major Rivers
 - Parcel Fabric



TOWN of GRAVENHURST (west)
1:30000

(for southern section of
Town of Gravenhurst, see FIG-1)

(for eastern section of
Town of Gravenhurst, see FIG-1)

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2021 ROADS NEEDS STUDY
TOWN OF GRAVENHURST

SCENARIO 4
GRAVENHURST WEST
YEAR OF IMPLEMENTATION
(10 YEAR PLAN)

TATHAM ENGINEERING

DESIGN: RTM	FILE: 221525-1	DWG:
DRAWN: WHG	DATE: OCT 2021	FIG-2
CHECK: MJC	SCALE: AS NOTED	



(for northern section of
Town of Gravenhurst,
see FIG-2)

- Legend**
- No Improvement Scheduled
 - Implementation Year, Storm Sewer Improvements**
 - 2022, No Storm Sewer Improvements
 - 2022, Includes Storm Sewer Improvements
 - 2023, No Storm Sewer Improvements
 - 2023, Includes Storm Sewer Improvements
 - 2024, No Storm Sewer Improvements
 - 2024, Includes Storm Sewer Improvements
 - 2025, No Storm Sewer Improvements
 - 2025, Includes Storm Sewer Improvements
 - 2026, No Storm Sewer Improvements
 - 2026, Includes Storm Sewer Improvements
 - 2027, No Storm Sewer Improvements
 - 2027, Includes Storm Sewer Improvements
 - 2028, No Storm Sewer Improvements
 - 2028, Includes Storm Sewer Improvements
 - 2029, No Storm Sewer Improvements
 - 2029, Includes Storm Sewer Improvements
 - 2030, No Storm Sewer Improvements
 - 2030, Includes Storm Sewer Improvements
 - 2031, No Storm Sewer Improvements
 - 2031, Includes Storm Sewer Improvements
 - Other Roads (not part of study)
 - Railway
 - Municipal Boundary
 - Lakes and Major Rivers
 - Parcel Fabric

(for western section of
Town of Gravenhurst, see FIG-2)

(for eastern section of
Town of Gravenhurst, see FIG-1)

GRAVENHURST TOWN CENTER
1:7500

(for southern section of
Town of Gravenhurst,
see FIG-1)

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No.	REVISION DESCRIPTION	DATE	ENGINEER'S STAMP

2021 ROADS NEEDS STUDY
TOWN OF GRAVENHURST

SCENARIO 4
GRAVENHURST TOWN CENTER
YEAR OF IMPLEMENTATION
(10 YEAR PLAN)



DESIGN: RTM FILE: 221525-1 DWG:
DRAWN: WHG DATE: MAY 2021
CHECK: MJC SCALE: AS NOTED

FIG-3