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Road Needs Study 2025

ROAD INVENTORY & ASSESSMENT

Township of Ramara

Document Control

File:

325017

Date:

July
3, 2026

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Issue	Date	Description
0	September 10, 2025	Draft Report
0.1	February 23, 2026	Draft Report 2
0.2	April 14, 2026	Draft Report 3
0.3	July 3, 2026	Final Report

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1 Introduction

1.1 STUDY PURPOSE

Tatham Engineering Limited was retained by the Township of Ramara to undertake an updated road needs study for all municipally maintained Township roads, the purpose of which is to:

- inventory and evaluate the Township's road system;
- identify the need for rehabilitation or reconstruction improvements and associated costs; and
- establish a simple mechanism to determine the annual works program.

This study builds on the previous work documented in the *Road Needs Study Report 2013*, and considers changes to the Township's road system that have occurred since (improvements to existing roads, construction of new roads, assumption of new roads, etc.).

All completed inventories and associated databases have been compiled in electronic form (Microsoft Excel) to enable quick and ready retrieval of the road data. All of the data collected, and subsequent analyses and assessments are provided in the electronic database.

1.2 REPORT STRUCTURE

The *Road Needs Study 2025* report is structured as follows:

- 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 considers alternative improvement strategies and associated cost savings;
- Chapter 9 addresses the inventory of at-grade railway crossings within the Township; and
- Chapter 10 provides a summary to the report.



2 Road Inventory

2.1 ROAD NETWORK

All roads within the Township limits were inventoried with the exception of the following:

- private roads;
- unassumed development roads;
- roads under the jurisdiction of Chippewas of Rama First Nation;
- boundary roads that have shared responsibilities for maintenance and renewal;
- Simcoe County roads - Simcoe Road 44 (Rama Road), Simcoe Road 45 (Monk Road), Simcoe Road 46, Simcoe Road 47 and Simcoe Road 169; and
- Provincial highways (Highway 12).

In total, 439 road sections were identified (typically extending from intersection to intersection) through the Township's GIS platform, accounting for 352.8 kilometres of roads within the Township limits (measured along the road centreline).

2.2 INVENTORY PROCEDURE

2.2.1 Inventory Manuals & 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 Township.

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. For each road section, the following key elements were determined, largely from field inspection and review, and information otherwise contained within the Township's asset management database or the GIS database:

- identification (road name, starting point and end point);
- section identification number (as per the Township's asset management database);
- section length (as per the Township's GIS database);
- 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 or urban);
- ride comfort rating; and
- distress ratings (scores associated with the severity and density of the road surface distresses).

In addition to the above, additional comments with respect to the road environment, configuration, existing conditions or obvious issues were recorded.

To ensure consistency with the Township's asset management database, the existing road sections from the database were used as a baseline. Where necessary, road sections were subdivided to ensure that each section maintained a relatively consistent cross-section or condition (ie. Asset 1000 subdivided into 1000A and 1000B). Where new road sections were identified (ie. within the Township's GIS database but not within the asset management database), such have also been noted.



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

2.3 OTHER INVENTORIES

In addition to the linear road inventory, other associated components and characteristics of the road network were reviewed and assessed. These specifically included the following:

- dead end roads and turn-around facilities;
- dedicated haul routes;
- at-grade railway crossings; and
- flood prone areas.

These aspects of the road network are further discussed in the following chapters.



3 Traffic Volumes & Operations

3.1 EXISTING VOLUMES

3.1.1 Traffic Counts

Updated traffic volumes on the Township road system were determined through a data collection program consisting of mid-block traffic counts and intersection traffic counts (as initially developed in the *2003 Road Needs Study*, repeated in the *2013 Road Needs Study* and maintained for consistency and for comparative purposes). The locations of the counts were determined to provide a representation of geographic areas and road types/classifications.

The mid-block traffic counts were completed using automatic traffic recorders, and captured volumes over a 24-hour hour (00:00 to 24:00) weekday period. The turning movement counts were completed during either the weekday AM (07:00 to 11:00) or PM (14:00 to 18:00) peak hours. A listing of the traffic count locations is provided in Table 1 and Table 2, whereas additional count details are provided in Appendix B.

Table 1: Mid-Block Traffic Counts

COUNT	LOCATION	
1	Concession Road B	between Sideroad 15 & Ramara Road 47
2	Ramara Road 47	between Concession Road 3 & Concession Road 1
3	Courtland Street	south of Balsam Road
4	Fern Resort Road	west of Rama Road (County Road 44)
5	Switch Road	east of Rama Road (County Road 44)
6	Fairgrounds Road	west of Cronk's Sideroad
7	Muley Point Road	south of Highway 12
8	Sideroad 20	north of Concession Road 7
9	Ramara Road 46	west of Simcoe Road 169
10	McRae Park Road	west of Muley Point Road
11	Concession Road 7	west of Highway 12



Table 2: Intersection Traffic Counts

COUNT	NORTH-SOUTH ROAD	EAST-WEST ROAD
1	Muir Road	Concession Road A
2	Lakeshore Drive	Concession Road 2
3	Highway 12	Concession Road 2
4	Sideroad 5	Canal Road
5	Mara Carden Boundary Road	Sylvan Glen Drive
6	Perry Avenue / Church Street	Concession Road 4
7	Ramara Road 47	Simcoe Road / Concession Road 4
8	Laguna Parkway	Poplar Crescent
9	Barnstable Drive	Concession Road 7
10	Sideroad 15	Concession Road 7
11	Bayview Avenue/Woodland Dr	McRae Park Road
12	Muley Point Road	McRae Park Road / Ross Road
13	Creighton Street	Balsam Road
14	Courtland Street	Balsam Road
15	Sideroad 25	Concession Road 11
16	Fairvalley Road	Concession Road 11
17	Sideroad 15	Cahill Road
18	Sideroad 25	Mara Rama Boundary Road
19	Sheba Drive	Airport Road
20	McMillan Sideroad	Switch Road
21	McArthur Sideroad	Fairgrounds Road

Intersection counts were not completed at locations 5, 17 and 19 in 2025 due to lower volumes being previously realized through past counts, and thus they were not deemed necessary; the count at location 3 was not repeated given its location with Highway 12.



3.1.2 Traffic Adjustments

Convert 4-Hour Counts to 24-Hour Volumes

Based on the 24-hour mid-block counts, relevant factors were determined to translate the peak 4-hour volumes from the intersection turning movement counts to 24-hour volumes. Overall, it was determined that approximately 21 to 34% of the 24-hour volumes occurred during the AM period (07:00 to 11:00) and that 31 to 42% occurred during the PM period (14:00 to 18:00). Corresponding factors were determined for each intersection count location, based on those mid-block counts in closest proximity to capture localized travel patterns, to determine the expected 24-hour volumes through each intersection (thus providing data for 3 or 4 separate road sections).

Convert December Counts to Summer Volumes

The *2013 Road Needs Study* employed traffic counts completed on a typical weekday during the month of July, thus considered representative of peak summer conditions. While the basis for traffic volumes is often average conditions observed throughout the year, given the recreational nature of travel within the Township and increase in population due to seasonal visitors (who are all road users), the use of summer volumes was deemed appropriate. In this regard, to maintain consistency with the previous study, the December traffic counts and volumes have been adjusted to reflect summer conditions.

In comparing the mid-block count locations and volumes from July 2013 to those of December 2025 for those count locations yielding higher volumes and serving through volumes (ie. not considering lower volume roads and dead end roads), the December 2025 volumes were observed to be 10 to 40% less (25% less on average). This can likely be attributed to seasonal variations.

MTO data was also reviewed for Highway 12 through the Township, as MTO publishes average, summer and winter daily traffic volumes. The most current information (from 2021), suggests the summer volumes on Highway 12 are in the order of 30 to 60% greater than winter volumes for highway sections in the Township. Similar patterns were exhibited in data from Highway 48, south of the Township.

Housing and population statistics were also reviewed for the Township to resolve seasonal variations. The 2021 Census notes a permanent population of 10,400 residents occupying 4400 dwellings. While there is no census data for summer conditions, there are an estimated 6166 total private dwellings as per StatsCan, thus suggesting 1765 seasonal dwellings. Population projections considering the seasonal dwellings, could add an additional 3500 to 5300 persons (based on 2.0 to 3.0 people per seasonal dwelling), which translates to a 33 to 50% increase.



In consideration of the available seasonal traffic volumes and information, coupled with the recognition that Ramara is a major cottage, marina and resort area on Lake Simcoe and Lake Couchiching, with large concentrations of seasonal homes in Lagoon City, Brechin, Bayshore Village, and numerous lakefront communities, summer volumes are assumed 50% greater than winter volumes. As such, a factor of 1.5 has been applied to the traffic volumes resolved through the December counts.

3.1.3 Traffic Estimates

For those road sections where no data was available, traffic volumes were estimated based on the collected data and considering similarities in road function and location, and existing development levels along the road. Consideration was also given to the traffic volumes reported in the previous road needs study as a means of estimation, and input from Township staff to reflect more recent development and understandings.

In most instances, road sections on either side of a road section with a known traffic volume will have similar traffic levels, particularly in the case of major through roads.

3.1.4 Summary of Volumes

The corresponding summer traffic volumes for the subject road sections are provided in Appendix B, whereas a summary is provided in Table 3.

Table 3: Summer Daily Traffic Volumes – 2025

TRAFFIC VOLUME			ROAD SECTIONS		ROAD LENGTH	
			Number	Percent	Kilometres	Percent
0 ≤	Volume	< 50	107	24%	64.7	18%
50 ≤	Volume	< 100	77	18%	62.4	18%
100 ≤	Volume	< 200	90	21%	77.2	22%
200 ≤	Volume	< 400	77	18%	63.7	18%
400 ≤	Volume	< 1000	61	14%	60.0	17%
1000 ≤	Volume	< 2000	20	5%	18.8	5%
2000 ≤	Volume		7	2%	6.1	2%
Total			439	100%	352.8	100%



As indicated:

- almost one-fifth of the road sections serve less than 50 vehicles per day (18% by length);
- almost one-fifth of road sections serve between 50 to 100 vehicles per day (18% by length);
- the majority serve in the order of 100 to 1000 vehicles per day (57%); and
- a limited number of road sections (27) serve more than 1000 vehicles per day (7%).

The roads serving the greatest traffic volumes (2000 or greater vehicles per day) include:

- Muley Point Road;
- Ramara Road 47; and
- Simcoe Road.

3.2 FUTURE VOLUMES

Traffic volumes for 5, 10 and 20-year planning horizons (2030, 2035 and 2045) have been projected based on the existing 2025 traffic volumes with consideration for future growth. Traffic volumes throughout the Township are anticipated to grow in concert with overall growth in the Township and the abutting development areas.

3.2.1 Historical Traffic Growth

Historical growth trends and patterns were identified from the traffic data information for Provincial highways and Simcoe County roads through the Township.

Provincial Roads

Based on MTO summer average daily traffic volumes for the years 2011 to 2021 (the most current 10-year period for which data is available), volumes on the Highway 12 road sections through Ramara have increased on average 2.2% per year.

County Roads

Based on Simcoe County Average Annual Daily Traffic (AADT) volumes, the following annual growth rates were realized between the years 2014 to 2023 (the County undertakes counts on a 3-year period for those road):

- Simcoe Road 44: -4.1% to 1.7%;
- Simcoe Road 45: 2.5% to 5.3%;
- Simcoe Road 46: 2.0% to 5.2%; and
- Simcoe Road 169: 2.8% to 4.9%.



3.2.2 Historical & Future Population Growth

Based on the Census data for the years 2011 and 2021, the population of the Township increased from 9,275 to 10,377 persons, which translates to an annual growth of 1.1% over the 10-year period. Over the period 2016 to 2021, an increased growth of 1.8% was realized.

As per the Township's Official Plan, a population level of 13,000 is expected by 2031, which translates to 2.3% annual growth from 2021 to 2031.

3.2.3 Future Traffic Volumes

In establishing the future traffic volumes, the following annual growth rates have been considered:

- 0% on low volume roads (ie. serving less than 50 vehicles per day);
- 1% on local roads; and
- 2% on collector and arterial roads to reflect local and inter-regional travel and connectivity of these to the county and provincial highway network.

The noted growth rates were applied to the 2025 daily volumes to yield forecasts for 2030, 2035 and 2045. A summary of the 2045 (20 year) projections is provided in Table 4, whereas additional details for each road section and for each horizon year are provided in Appendix B.

Table 4: Summer Daily Traffic Volumes - 2045

TRAFFIC VOLUME			ROAD SECTIONS		ROAD LENGTH	
			Number	Percent	Kilometres	Percent
0 ≤	Volume	< 50	107	24%	64.7	18%
50 ≤	Volume	< 100	30	7%	25.1	7%
100 ≤	Volume	< 200	65	15%	55.3	16%
200 ≤	Volume	< 400	116	26%	92.0	26%
400 ≤	Volume	< 1000	80	18%	76.5	22%
1000 ≤	Volume	< 2000	27	6%	23.7	7%
2000 ≤	Volume		14	3%	15.6	4%
Total			439	100%	352.8	100%



3.3 TRAFFIC OPERATIONS

3.3.1 Planning Capacities

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: 4,000 vehicles per day per lane (vpdpl);
- collector road: 6,000 vpdpl; and
- arterial road: 8,000 vpdpl.

In this regard, a 2-lane local road has a capacity of 8,000 vehicles per day, whereas a 2-lane collector road has a capacity of 12,000 vehicles per day.

3.3.2 Capacity Assessment

In considering the future projected volumes and the noted capacities, the resulting volume to capacity ratios (a measure of the degree to which the road capacity is utilized), are all acceptable for each of the 2025, 2030, 2035 and 2045 horizon years. The following are noted for the 2045 horizon (which reflect the greatest traffic volumes):

- the average v/c ratio is 0.04, indicative of roads operating at 4% of their respective capacities; and
- the greatest v/c ratio is 0.38 which occurs on Muley Point Road (2 road sections).

For all but 2 road sections, the noted v/c ratios correspond to a level of service A, otherwise a level of service B. In this regard, there are no traffic operational issues anticipated on the Township road network. All roads will operate well below their capacities in 2045 and have considerable excess reserve capacity to accommodate additional increases in traffic volumes and/or operating levels.



4 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. The respective environments are described as follows:

- the rural environment is typical of areas with sparse development or where development accounts for less than 50% of the street frontage;
- 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; and
- the semi-urban environment has development exceeding 50% of the frontage but no curb and gutter.

A summary of the road environments is presented in Table 5. As noted, the majority of the roads are considered rural (74% by length).

Table 5: Road Environment

ENVIRONMENT	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Rural	242	55%	262.5	74%
Semi-Urban	196	45%	90.0	26%
Urban	1	0%	0.4	0%
Total	439	100%	352.8	100%



4.2 ROAD CLASSIFICATIONS

4.2.1 Role & Function

The classification of the road network is based on the role and function of the road and the need to provide a hierarchy of transportation routes within the Township. In particular, the following classes have been considered (as per the Township's Official Plan):

- Local Roads
 - 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
 - collector roads are intended to collect traffic from individual local roads and direct it to arterial roads, county roads or provincial highways
 - direct access to abutting properties shall be minimized to the extent possible
- Arterial Roads
 - major transportation routes carrying higher volumes of inter-municipal traffic and typically connect communities to provincial highways (eg. County roads)
 - road width and intersections 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 Township is provided in Table 6.

Table 6: Road Class (Role & Function)

ENVIRONMENT	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Local	407	93%	313.3	89%
Collector	32	7%	39.5	11%
Arterial	0	0%	0.0	0%
Total	439	100%	352.8	100%

Collector roads include: Muley Point Road; Ramara Road 46; Ramara Road 47 and Simcoe Road.



4.2.2 Maintenance Class

The roads 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 (related primarily to winter maintenance) 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.

- Class 1 - Highest Priority Roads: Typical of those with higher traffic volumes (8,000 to 15,000+ vehicles per day depending on speed limit), requiring a greater level of maintenance.
- Class 6 – Very Low Volume Roads: Lowest-use roads with minimal traffic volumes (less than 50 vehicles per day depending on speed limit).

A summary of the road classification is provided in Table 7. 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 isn't a 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 vehicles per day as being adequate (ie. addressed via routine maintenance only).

Table 7: Road Class (Maintenance)

CLASS	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Class 1	0	0%	0.0	0%
Class 2	0	0%	0.0	0%
Class 3	10	2%	15.2	4%
Class 4	93	21%	133.5	38%
Class 5	72	16%	60.1	17%
Class 6	264	60%	144.1	41%
Total	439	100%	352.8	100%

4.2.3 Haul Routes

The Township's road network serves several areas designated for aggregate resources, supporting multiple licenced pits and quarries at various stages of development. To facilitate the movement of aggregate materials from these operations to the broader County and Provincial



transportation network, a number of Township roads have been identified for use as haul routes through a combination of Township policy direction and site-specific haul route agreements negotiated at the time of pit/quarry approval or expansion.

Haul routes are generally selected based on road classification, structural capacity, geometry and connectivity to major transportation corridors. They are typically higher-order Township roads with sufficient width, sightlines and pavement structure to safely accommodate frequent heavy truck traffic. By directing aggregate-related hauling to these corridors, the Township seeks to reduce premature deterioration on lower-class roads not intended to carry sustained heavy loads, improve safety for residents, and more effectively manage long-term maintenance and capital investment.

It is noted that existing haul route agreements within the Township vary in scope, terms and age, reflecting the timing and context of individual quarry approvals and expansions. In some cases, agreements include formal cost-sharing and maintenance provisions, while in others haul activity occurs through historical arrangements or indirect routing without a current, comprehensive agreement framework.

Based on available documentation, roads historically or currently functioning as haul routes related to aggregate operations within the Township include:

- Concession Road B-C;
- the unopened road allowance located between Lots 15 and 16, Concession D and Lots 15 and 16, Concession E running north/south from Concession Road D-E to the unopened portion of Concession Road B-C;
- Concession Road D-E (from quarry access to above noted haul route);
- Concession 2 (from quarry access to Highway 12); and
- Concession A (from quarry access to Highway 12).

It is specifically noted Concession Road 2 and Concession Road A do not appear to be governed by formal, Township-approved haul route agreements, and their use has occurred either through historical practices or as part of broader truck routing arrangements rather than through explicit designation and cost-sharing provisions.



4.3 ROAD DRAINAGE

4.3.1 Drainage System

A number of road drainage systems were observed, as summarized in Table 8. As noted, the majority of the road sections (90% by length) have open ditches, reflective of the rural nature of the Township.

Table 8: Road Drainage

DRAINAGE	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
No Drainage	75	17%	35.6	10%
Open Ditch	362	82%	317.0	90%
Storm Sewer	2	0%	0.3	0%
Ditch & Storm Sewer	0	0%	0.0	0%
Other	0	0%	0.0	0%
Total	439	100%	352.8	100%

4.3.2 Flood-Prone Roads

As part of the Township's road needs assessment, an inventory was completed for municipal road segments that are susceptible to flooding or that traverse low-lying areas with recurring drainage challenges. These locations are known to experience reduced accessibility during major rainfall events, spring melt, or high lake level periods (particularly around Lake Simcoe and Lake St. John), and they represent areas of elevated operational and safety concern for both motorists and Township staff.

This inventory will serve as an important tool for prioritizing future improvements aimed at maintaining safe and reliable access during flood events. By understanding where vulnerabilities exist, the Township can more effectively plan upgrades such as culvert replacements, roadside drainage improvements, road elevation adjustments, surface hardening, or localized realignments. The documented inventory also supports long-term capital planning and enhances the Township's ability to respond to grant opportunities related to climate adaptation, storm resilience, and critical infrastructure protection.



4.4 ROAD SURFACE

4.4.1 Surface Type

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

- earth / (natural soil surface with little to no imported aggregate);
- 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 9, with approximately 46% by length being gravel and 47% hard surfaced (asphalt or surface treated). It is noted that all road sections with an earth type surface are very low volume roads (less than 50 vehicles per day) which serve as public accesses to various lakes (eg. Concession Road 1, west of Lakeshore Drive) or primarily serve as agricultural access (Concession Road 1, between Ramara Road 47 and Highway 12). Based on current demands and available alternate routes, there does not appear to be a need to upgrade these road sections.

Table 9: Road Surface

SURFACE TYPE	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Earth	25	6%	24.4	7%
Gravel	159	36%	163.5	46%
Surface Treated	100	23%	54.7	16%
Asphalt	155	35%	110.2	31%
Total	439	100%	352.8	100%

4.4.2 Surface Width

Surface width refers to the driving width of the road. For hard surfaced roads (surface treated and asphalt), the width is the actual width as measured from edge to edge of the hard surface (excluding shoulders or curbs).



- For local gravel roads of less than 6.0 metres in width, the surface width corresponds to the overall platform width (edge of road to edge of road) as this reflects the minimum surface width for 2-lane roads (ie. the full road width is required to accommodate 2-way travel).
- For local gravel roads in excess of 6.0 metres, the surface width has been noted as 6.0 metres with any remaining width considered gravel shoulders (this recognizes gravel shoulders are not discernible from the gravel travel road width).
- For gravel roads that are considered collectors or arterials, a width threshold of 7.0 metres has been considered (ie. anything over 7.0 metres is considered shoulder).

A summary of the existing surface width, by range, is provided in Table 10. As noted, the majority of the road sections (62% by length) have widths in excess of 6.0 metres which is considered the minimum tolerable width for 2-way operations. There are 167 road sections having a width of less than 6.0 metres, amounting to 136.2 km.

Table 10: Surface Width

SURFACE WIDTH	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Number	Percent
width < 4m	33	8%	24.9	7%
4m ≤ width < 5m	68	15%	53.1	15%
5m ≤ width < 6m	66	15%	58.2	16%
6m ≤ width < 7m	208	47%	161.0	46%
7m ≤ width < 8m	46	10%	44.3	13%
8m ≤ width	18	4%	11.5	3%
Total	439	100%	352.8	100%

4.4.3 Surface Distresses

As per the road inventory appraisal forms, the road condition surveys involved recording the severity and density (or extent) of a number of distresses, as noted in Table 11.



Table 11: 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		



Ride Comfort Rating

Further to noting existing deficiencies, a Ride Comfort Rating (RCR) was also established for each road section. 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 12.

Table 12: 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		

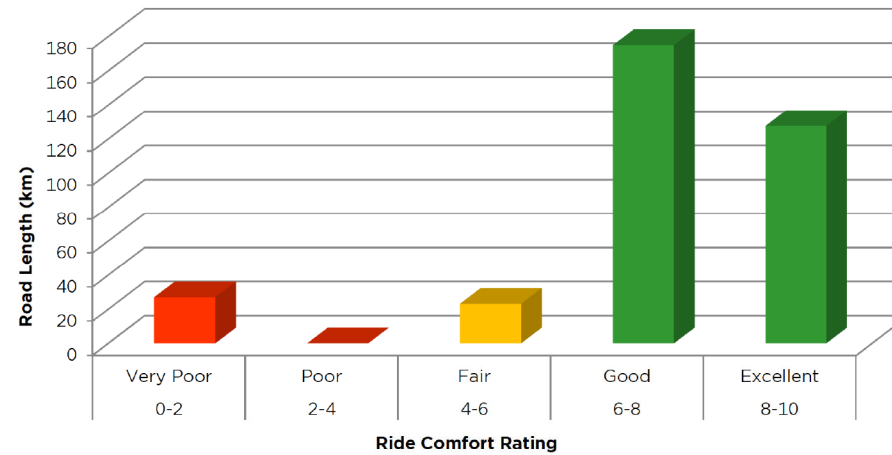
A summary of the resulting Ride Condition Ratings is provided in Table 13 and illustrated graphically in Figure 1. The average RCR is 7.7, whereas the weighted average (considering the length of each road section) is 7.6. In this respect, the overall road network is considered to have a ride surface in the good category.

Table 13: Ride Comfort Rating

RCR	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
0 < RCR ≤ 2 Very Poor	26	6%	27.0	8%
2 < RCR ≤ 4 Poor	0	0%	0.0	0%
4 < RCR ≤ 6 Fair	35	8%	23.3	7%
6 < RCR ≤ 8 Good	215	49%	175.0	50%
8 < RCR ≤ 10 Excellent	163	37%	127.6	36%
Total	439	100%	352.8	100%



Figure 1: Ride Comfort Rating by Road Length



4.4.4 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 DMI value (204 for asphalt, 180 for surface treated and 128 for gravel)

C = constant (0.924)

S = constant (8.856)



For each distress, the severity and density have been noted as follows:

Severity	Density
▪ very slight	▪ few (<10%)
▪ slight	▪ intermittent (10-20%)
▪ moderate	▪ frequent (20-50%)
▪ severe	▪ extensive (50-80%)
▪ very severe	▪ throughout (>80%)

The corresponding distress weights, severity rating and density rating (few, intermittent, frequent, extensive or throughout) are noted on the 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 3.0 (the highest weight) whereas some types of cracking are considered lesser distresses with corresponding reduced weights of 1.0. 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 14 and illustrated graphically in Figure 2 and Figure 3 for the various road surface types (exclusive of consideration for earth roads). The average PCI of the Township road network is 79.5 whereas the weighted average (weighted by length) is 78.1; the corresponding weighted averages for the various road surfaces are as follows:

- 84.2 for asphalt roads;
- 83.8 for surface treated roads; and
- 82.1 for gravel roads.



Table 14: Pavement Condition Index

PCI					ROAD SECTIONS		ROAD LENGTH	
					Number	Percent	Kilometres	Percent
0	<	PCI	≤	10	0	0%	0.0	0%
10	<	PCI	≤	20	0	0%	0.0	0%
20	<	PCI	≤	30	0	0%	0.0	0%
30	<	PCI	≤	40	2	0%	2.7	0%
40	<	PCI	≤	50	1	0%	0.9	0%
50	<	PCI	≤	60	9	2%	6.1	2%
60	<	PCI	≤	70	36	9%	32.6	10%
70	<	PCI	≤	80	98	24%	81.4	25%
80	<	PCI	≤	90	120	29%	85.1	26%
90	<	PCI	≤	100	148	36%	119.5	36%
Total					414	100%	328.4	100%

Note: does not include 25 road sections with earth surface



Figure 2: Pavement Condition Index by Road Length

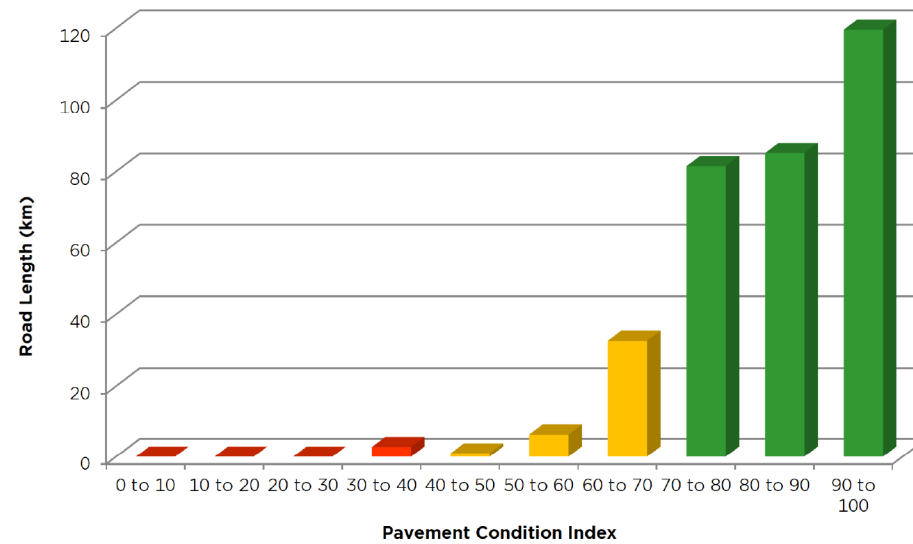


Figure 3: Pavement Condition Index by Road Length & Road Surface

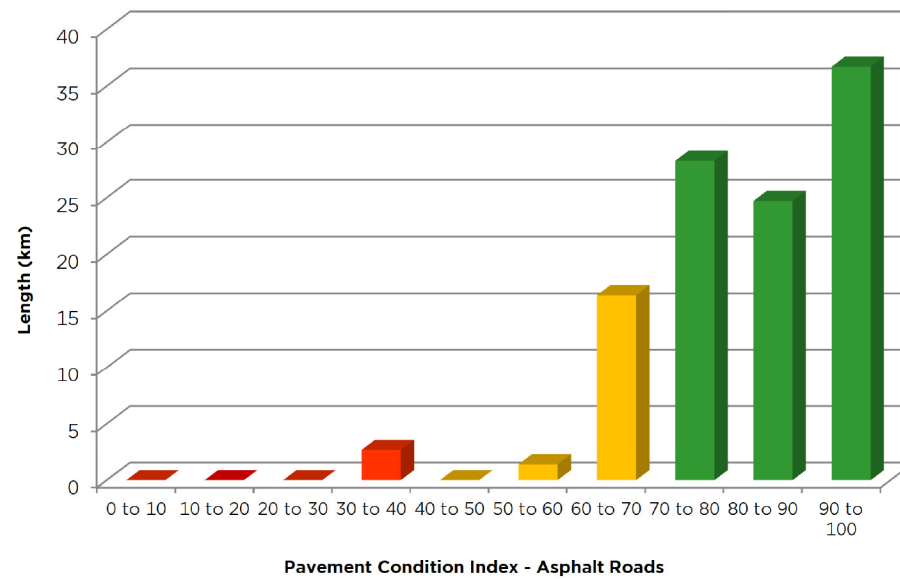
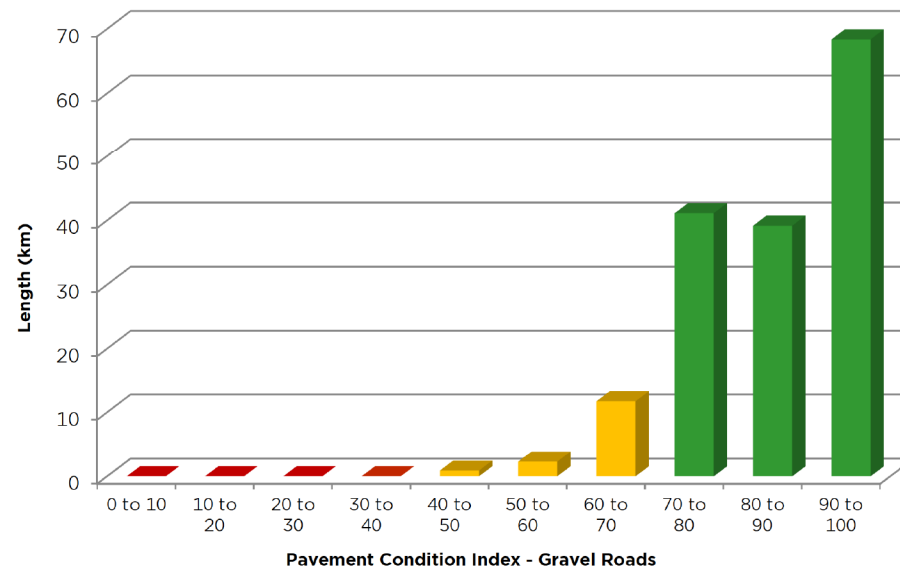
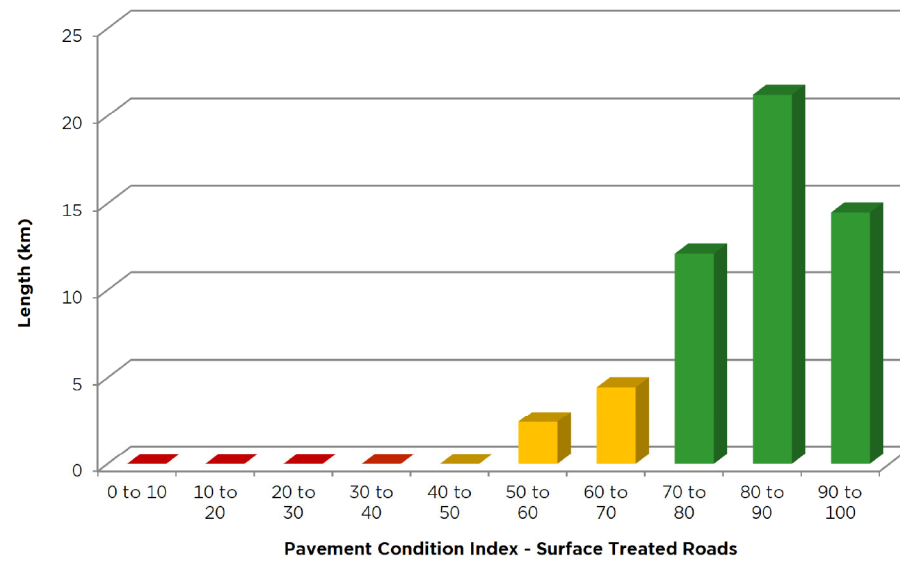


Figure 3: Pavement Condition Index by Road Length & Road Surface (cont'd)



4.5 DEAD END ROADS

Based on input received from the Township, it is recognized that turning and maneuvering challenges on dead-end or lower-order rural roads are not uncommon, particularly in areas with low traffic volumes. This condition is characteristic of many rural municipalities and reflects historic road layouts that were not originally intended to accommodate larger modern service or commercial vehicles. Given the number of similar road configurations within the Township, these situations have historically been addressed on a case-by-case basis as specific operational concerns arise, rather than through a consistent, Township-wide framework.

In many instances, the need for improved turn-around facilities is prompted by concerns from larger vehicles that require more efficient and safer turning movements, particularly where operational constraints result in encroachment onto adjacent properties. As these issues continue to arise intermittently across the road network, there may be value in developing a formal policy or procedure to guide how substandard road conditions and turn-around limitations are identified, evaluated, and prioritized over time. Establishing such a framework could reduce reliance on ad-hoc responses, improve consistency in decision-making, and better align future improvements with safety, operational, and asset management objectives. It is anticipated that further input from Township staff will help inform how such an approach could be structured from a municipal perspective.

The Township's road network includes 158 road segments that terminate at a dead end. As part of the road needs review, each dead-end segment was assessed to determine whether it is equipped with an appropriate turn-around facility (such as a cul-de-sac or hammerhead) capable of supporting safe and efficient maneuvering by County Waste Collection vehicles, Township Winter Maintenance equipment, and Emergency Services vehicles.

4.5.1 With Turn-Around Facilities

Of the 158 dead-end road segments in the Township, 21 are equipped with formal cul-de-sac turn-around facilities. The remaining 133 segments contain a combination of informal or undersized turning areas, or lack any proper turn-around facility, resulting in operational challenges. In these locations, service vehicles may be required to reverse significant distances or rely on private driveways to complete turning movements, increasing safety risks, liability exposure, and reducing operational efficiency, particularly during winter maintenance and waste collection operations.



4.5.2 Can Support Turn-Around Facilities

Of the 158 dead-end road segments, 57 locations have adequate municipal right-of-way to support a proper turn-around but either have no facility in place or contain a substandard one. These locations should be prioritized for upgrades to meet municipal standards, ahead of sites where constraints such as buildings, limited property or other physical obstructions restrict construction feasibility.

An example of this is River Road where an appropriate ROW bulb exists but no formal turn-around facility exists within the Township ROW.

4.5.3 Constrained Locations

The remaining 76 constrained locations require a structured approach to prioritization. To guide the evaluation and sequencing of turnaround improvements at these locations, the Township shall apply the following multi-criteria prioritization procedure. Each location shall be assessed against the criteria below, with higher-scoring locations advanced earlier in the capital program:

Number of Properties Served

Assign highest priority to roads serving the greatest number of properties. A 500 m road serving 15 properties takes precedence over a 150 m road serving 5 properties. Roads serving fewer than 3 properties may generally be deferred to later planning horizons.

Road Length

Longer roads serving established communities warrant earlier priority. Dead-end roads under 100 m in length, often terminating at the lakeshore, may reasonably be deferred. The length-to-property ratio (metres per property served) should be considered as a secondary measure, a shorter road serving many properties may warrant higher priority than a longer road serving few.

Traffic Volume and Operational Need

Assess existing and forecasted traffic volumes, with emphasis on heavy vehicle movements (including service vehicles, emergency vehicles, and commercial operations). Prioritize roads with documented operational constraints, such as the inability to accommodate turnaround movements without encroaching onto adjacent private property. Roads serving regular service vehicle routes or providing emergency access shall receive elevated priority.

Land Availability and Anticipated Acquisition Challenges

Assess the feasibility of accommodating a turnaround facility within the existing road right-of-way. Identify locations where land acquisition, easements, or property access agreements will be



required. Locations with anticipated challenges acquiring the necessary land should be flagged for early engagement with affected landowners and advance planning. Locations where land is available within the existing ROW, or where landowner cooperation has been confirmed, should be prioritized to allow for more straightforward implementation.

Staff shall maintain a prioritized inventory of the 76 constrained locations, updated annually, to reflect changes in operational needs, landowner cooperation, and available funding. This inventory shall record each location's assessment against the four criteria above and shall be used to inform the annual capital program.

4.5.4 Additional Study

Regardless of priority ranking, any turn-around improvement that would require land acquisition, property access agreements, or easements should be evaluated within the context of the Municipal Class Environmental Assessment (EA) process.

Such evaluation should consider the need and justification for the improvement relative to the number of properties served, the length and function of the dead-end road, existing and forecasted traffic volumes (including heavy vehicles), and the feasibility of accommodating a turn-around facility within the existing right-of-way. Where these works have the potential to affect private property, natural features, or adjacent land uses, the EA process provides an appropriate framework to assess alternatives, consult impacted stakeholders, and determine the preferred solution in a transparent and defensible manner.



5 Road Appraisal & 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
- assumed 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 summary of the applicable road standards is provided in Appendix D, whereas a full listing of the road sections and identified deficiencies is provided in Appendix E with additional details discussed in the following sections. It is noted that rural road sections with an average daily traffic volume of less than 50 vehicles have not been considered for improvements, but rather are to be maintained at a tolerable standard through normal maintenance procedures (however, semi-urban and urban road sections with less than 50 vehicles per day have otherwise been considered for deficiencies). As such, not all deficient road sections require improvements.

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 number of road sections, the total network length, and surface types (asphalt and surface treated



vs gravel), PCI decision matrices have been established for each road class and each surface type as noted in Table 15, Table 16 and Table 17.

As evident, condition needs are expressed both by the number of road sections and by total network length. Reporting by section illustrates how frequently a particular need occurs across the system, while reporting by length reflects the relative share of the network impacted. This dual approach is intended to recognize that a large number of short sections may indicate widespread issues, whereas fewer but longer sections may represent a more significant portion of the overall network. Similarly, presenting results as percentages provides a consistent measure of scale, allowing for a balanced interpretation of system-wide needs in both frequency and extent.

Table 15: PCI Decision Matrix – Asphalt Roads

ROAD NEED	TIME OF NEED	SECTIONS	PERCENT	LENGTH	PERCENT
Reconstruct	now	2	1%	2.7	2%
Rehabilitate	now	0	0%	0.0	0%
Resurface	1-5 years	18	12%	17.8	16%
Resurface	6-10 years	36	23%	28.3	26%
Adequate		99	64%	61.4	56%
Total		155	100%	110.2	100%

Table 16: PCI Decision Matrix – Surface Treated Roads

ROAD NEED	TIME OF NEED	SECTIONS	PERCENT	LENGTH	PERCENT
Reconstruct	now	0	0%	0.0	0%
Rehabilitate	now	0	0%	0.0	0%
Resurface	1-5 years	15	15%	6.9	13%
Resurface	6-10 years	21	21%	12.1	22%
Adequate		64	64%	35.7	65%
Total		100	100%	54.7	100%



Table 17: PCI Decision Matrix - Gravel Roads

ROAD NEED	TIME OF NEED	SECTIONS	PERCENT	LENGTH	PERCENT
Reconstruct	now	0	0%	0.0	0%
Rehabilitate	now	0	0%	0.0	0%
Resurface	now	2	1%	3.2	2%
Adequate		157	99%	160.3	98%
Total		159	100%	163.5	100%

For the 2 gravel roads sections requiring resurfacing (as noted in Table 17), this refers to the provision of additional gravel as opposed to a different surface type (given the road characteristics, gravel is otherwise the appropriate surface type).

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 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 Township 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 50 mm of granular added followed by a new road surface. Additional granulars would also be applied to the gravel shoulders (if such exist). For urban roads, it assumed that the asphalt will be milled and removed, prior to new asphalt. In addition, 10% base repairs have been assumed (necessitating removal and replacement of Granular A, and curb and gutter).



For resurfacing works, it is assumed that the existing road cross-section (ie. width of driving surface and shoulders) would be maintained.

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.

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 Township standards has been assumed (the existing road width has been maintained if it exceeds the Township standard).

Adequate

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

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 15, Table 16 and Table 17.

For the 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, a collector road with a PCI of 60 is likely to require reconstruction within the next 1 to 5 provided no other work is undertaken. Resurfacing could be considered to extend the useful life of the road and defer the need for future reconstruction (given that resurfacing will restore the PCI value).

Adequate

Roads with no identified needs are deemed adequate.

Now Needs

Now needs represent construction improvements identified 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.

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.

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 18.

In considering the improvement needs (ie. resurface, rehabilitate or reconstruct), they amount to 94 road sections (23% of the total road sections) and 70.9 km (22% of the total road length).

Table 18: Surface Condition Needs

ROAD NEED	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Reconstruct	2	0%	2.7	1%
Rehabilitate	0	0%	0.0	0%
Resurface	92	22%	68.2	21%
Adequate	320	77%	257.5	78%
Total	414	100%	328.4	100%



5.2 SURFACE TYPE NEEDS

The required road surface types were determined based on the road class and relevant standards and road guidelines (standards are provided in Appendix D) and are noted in Table 19.

Table 19: Surface Type Requirements

ROAD CLASS	URBAN	RURAL & SEMI-URBAN	
Local Road	asphalt	gravel	≤ 200 vehicles per day
		surface treated	201 - 400 vehicles per day
		asphalt	> 400 vehicles per day
Collector Road	asphalt	gravel	≤ 200 vehicles per day
		surface treated	201 - 400 vehicles per day
		asphalt	> 400 vehicles per day

It is noted the above apply to new road construction. As per the *Inventory Manual for Municipal Roads*, the assessment of the existing road surface is based on a reduced minimum tolerable standard (gravel is suitable for up to 400 vehicles per day, surface treatment for up to 1000 vehicles per day, otherwise asphalt). All surface type needs are considered “now” needs. The resulting surface type needs are summarized in Table 20.

Table 20: Surface Type Needs

TIME OF NEED	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Now	3	1%	4.5	1%
Adequate	436	99%	348.3	99%
Total	439	100%	352.8	100%

Based on a review of available traffic data, it is noted that a number of gravel road segments are carrying traffic volumes that may warrant consideration for asphalt surfacing. The most recent traffic counts (2025) indicate significantly higher volumes compared to the 2013 counts previously used for classification. As a result, confirmation and further discussion with Township



staff are recommended prior to advancing any changes to road surface type or capital planning assumptions. The road segments identified for review include:

- Concession Road 11, from Simcoe Road 20 to Fairvalley Road;
- Concession Road 11, from Fairvalley Road to Ramara Road 46; and
- Fairgrounds Road, approximately 1.5 km east of McArthur Drive to the Township Boundary Line.

These segments may no longer align with typical gravel road service thresholds based on current traffic demand and should be reassessed in coordination with the Township to confirm long-term surfacing and maintenance strategy.

5.3 SURFACE WIDTH NEEDS

The required road surface width is based on road class and environment, as per the corresponding standards provided in Appendix D and summarized in Table 21.

Table 21: Surface Width Requirements

ROAD CLASS	RURAL	SEMI-URBAN	URBAN ¹
Local Road	3.0 m lanes	3.0 m lanes	4.25 m lanes ¹
Collector Road	3.5 m lanes	3.5 m lanes	3.5 m lanes
Arterial Road	3.5 m lanes	3.5 m lanes	3.5 m lanes

¹ the wider urban road widths accommodate on-street parking

In establishing road width deficiencies, a minimum tolerable standard has also been considered, as determined from MTO standards and in context of typical Township standards. For purposes of assessment, a minimum tolerable lane width of 3.0 metres has been assumed for all road classes and environments accommodating 2-way travel.

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 22. 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 (ie. edge of pavement to edge of pavement); for gravel roads, the road width is taken as the existing gravel width to a maximum



of 6.0 metres for local roads and 7.0 metres for collector (anything beyond these widths is considered as shoulder).

Table 22: Surface Width Needs

TIME OF NEED	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Now	165	38%	134.2	38%
Adequate	274	62%	218.6	62%
Total	439	100%	352.8	100%

As noted, 165 road sections have existing travelled surface widths of less than 6.0 metres, which is generally considered the minimum desirable width for two-way vehicle operations on rural roads (the widths of one-way road sections are considered appropriate). These locations have been identified as current, “now”, needs based on available geometric data; however, a detailed inventory of the individual deficient sections, including their limits and characteristics, is provided in Appendix E for reference.

While these sections are flagged as existing deficiencies, it is recognized that widening or upgrading may be deferred in many cases and potentially addressed opportunistically as part of future road rehabilitation, resurfacing, or reconstruction projects. This approach allows the Township to coordinate improvements with other planned works, manage capital expenditures, and minimize disruption, while still acknowledging the long-term need to improve operational safety and accommodate two-way traffic where feasible.

5.4 SHOULDER WIDTH NEEDS

The required 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). In all cases, a 1.0 metre gravel shoulder has been adopted. As with the road width, a minimum tolerable shoulder width has 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 only assumed present on those roads having a platform width greater than 6.0 metres for local roads and 7.0 metres for collectors and arterials (up to these widths is considered the driving width, anything beyond is considered shoulder width). This



reflects that 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 23. All shoulder width needs are considered “now” needs.

Table 23: Shoulder Width Needs

TIME OF NEED	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Now	26	6%	13.0	4%
Adequate	413	94%	339.8	96%
Total	439	100%	352.8	100%

5.5 ROAD CAPACITY NEEDS

For planning purposes, the road capacities noted in Table 24 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.

In considering the future projected volumes and the noted capacities, all of the Township roads will operate within the available capacity. The highest operating level is 25% of capacity based on 2025 operations and 38% of capacity based on 2045 operations (corresponding to sections of Muley Point Road). As such, there are no capacity needs.

Table 24: 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



5.6 DRAINAGE NEEDS

Drainage needs have been based on a visual inspection and in consideration of 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). Ditches were rated as being in “good”, “fair” or “poor” condition. A drainage need may occur on road sections that have otherwise been rated adequate or that have other identified needs.

A summary of the drainage needs is provided in Table 25. Any road section receiving a “poor” assessment (others being “good” or “fair”) is considered to have a drainage need - the time of need is “now”.

As noted, approximately 28% of the road sections and 20% of the road lengths were noted as having drainage deficiencies resulting in a “poor” rating (ditches identified as having extensive vegetation requiring removal were considered “poor”). 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.

Table 25: Drainage Needs

TIME OF NEED	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
Now	123	28%	70.9	20%
Adequate	316	72%	282.0	80%
Total	439	100%	352.8	100%

5.7 MULTIPLE NEEDS

A number of road sections inventoried have 1 or more deficiencies, considering surface condition, road geometrics, surface type, surface width, shoulder width, road capacity and drainage.

A summary of the number of deficiencies is provided in Table 26 whereas a full listing of all deficiencies is provided in Appendix E.



Table 26: Multiple Deficiency Road Sections

NUMBER OF DEFICIENCIES	ROAD SECTIONS		ROAD LENGTH	
	Number	Percent	Kilometres	Percent
0	194	44%	161.6	46%
1	153	35%	127.2	36%
2	86	20%	62.1	18%
3	6	1%	2.0	1%
4 or More	0	0%	0.0	0%
Total	439	100%	352.8	100%

5.8 OTHER NEEDS

In addition to the noted road system improvements, a number of other issues were identified through the course of the road investigations and in consultation with Township staff.

5.8.1 Consideration for Hard Surfacing

A number of existing gravel roads have been considered for hard surfacing under the following conditions:

- for gravel roads that require extensive resources to maintain, despite traffic volumes not warranting a hard surface (ie. where the Township grader needs to travel several kilometres on a regular basis to maintain a short segment of gravel road); and
- for short segments of gravel roads that connect hard surfaced road sections.

5.8.2 Consideration for Haul Route Reviews

It is recommended the Township undertake a comprehensive review and update of all haul route agreements associated with aggregate operations within the Township. This review should be completed in coordination with the relevant pit and quarry operators and should address the following:

- Consolidate existing agreements into a coordinated, consistent framework applicable across all active haul routes, replacing the current variety of agreements that vary in scope, terms, and age.



- Ensure all agreements include explicit cost-sharing and maintenance provisions that reflect the level of heavy truck traffic and associated road wear attributable to aggregate hauling operations.
- Formalize agreements for roads currently operating without Township-approved haul route designations, including Concession Road 2 and Concession Road A, which have historically been used for aggregate hauling without a current, comprehensive agreement framework.
- Establish clear terms regarding haul patterns, vehicle types, axle load limits, seasonal restrictions (e.g., spring load restrictions), and permitted hours of operation.
- Include provisions for cost recovery related to accelerated pavement deterioration attributable to aggregate hauling, including mechanisms for operators to contribute to rehabilitation and reconstruction costs on designated haul routes.
- Establish a regular review cycle, recommended annually, or upon renewal of extraction licences, to ensure agreements remain current and aligned with actual haul volumes, road conditions, and asset management objectives.

Enhanced Haul Route Inspection Program

The Township should implement an enhanced inspection and monitoring program for designated haul routes, including routine inspections at least twice annually, with increased frequency during periods of peak aggregate activity. Inspections should be documented using standardized condition assessments and photographic records to track roadway performance and deterioration trends. In addition, periodic reviews by a qualified geotechnical engineer are recommended to assess pavement structure, subsurface conditions, drainage, and overall road stability under repeated heavy truck loading. Inspection findings should inform maintenance and rehabilitation planning, support haul route agreement administration, and be reported annually as part of the Township's asset management program. Costs associated with enhanced monitoring and geotechnical assessments should be considered for inclusion in haul route cost-sharing agreements with aggregate operators.

5.8.3 Consideration for Flood Measures

Further to the assessment of roadside drainage, the road assessment involved a review of anecdotal records from Township staff, and identification of road segments where past flooding, overtopping, erosion and/or prolonged surface saturation has been documented. Each location was catalogued to establish a comprehensive baseline of existing conditions. These locations/road sections include:

- Amilia Drive;



- Carol Ann Avenue (west end);
- Concession 11 (400 m east of Sideroad 25);
- Concession Road F/G;
- King's River Road;
- Lake Dalrymple Drive (4122 Lake Dalrymple Drive, southerly approximately 500 m to end);
- Lakeview Drive;
- McMillan Sideroad (Switch Road to Black River);
- River Road;
- Sheba Drive/Bluebird Street;
- Sideroad 20 (north of FR 5121, northerly approximately 300 m); and
- Sideroad 25 (100 m north of Concession 11 for approximately 200 m).

As noted, a number of road segments adjacent to Lake Simcoe and Lake St. John are subject to seasonal flooding when Lake levels are elevated. These areas need to be reviewed on a case by case basis and will require detailed engineering designs to ensure no negative impacts on private property and conveyance of roadside or overland drainage. The most appropriate improvement strategy for such road sections is to raise the road profile in areas that are prone to seasonal flooding to improve emergency access.

Overall, this assessment provides a structured foundation for managing flood-prone road segments within the Township and ensures that future investments are targeted to areas where they will have the greatest impact on public safety, accessibility and network resilience.



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 Township 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 Township practices, the following improvement strategies have been considered:

- | | |
|-----|---|
| R | <ul style="list-style-type: none"> ▪ resurface to address minor structural deficiencies or surface type deficiencies ▪ resurface with gravel, single surface treatment or one lift of asphalt, as dictated by the appropriate road standards or existing conditions ▪ applicable to urban roads only |
| PR | <ul style="list-style-type: none"> ▪ pulverize and resurface to address minor structural deficiencies or surface type deficiencies ▪ resurface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards ▪ applicable to rural and semi-urban roads only |
| WR | <ul style="list-style-type: none"> ▪ widen and resurface to address surface width deficiencies and/or capacity deficiencies ▪ resurface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards or existing conditions |
| BS | <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 ▪ surface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards or existing conditions |
| REC | <ul style="list-style-type: none"> ▪ reconstruct to address major structural deficiencies ▪ surface with gravel, double surface treatment or asphalt, as dictated by the appropriate road standards or existing conditions |

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 50 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. Gravel roads 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 lift of Granular A will be placed over the entire road width to provide an upgraded driving surface. Widenings would include a widening of the road surface and the shoulders to reflect current Township standards.

Reconstruction includes the full removal and replacement of the road, including the underlying granular material. In the case of urban road sections, this will also include replacement of curb and gutter, in addition to adjustment to underground services (referred to as reconstruct with nominal storm sewer). With reconstruction, it is assumed the road is reinstated to Township standards with respect to road and shoulder widths (eg. widen as needed).

In some jurisdictions, municipalities may consider downgrading road surface types (for example, reverting asphalt sections to gravel) as a means of reducing long-term capital and maintenance costs. While this approach may offer theoretical cost savings from an asset management perspective, in practice it is typically met with significant resistance from road users, particularly where residents and businesses have historically benefited from a higher level of service. Once a road has been improved, expectations regarding ride quality, maintenance frequency, dust control, and winter operations are generally established, making service reductions difficult to implement.

Within the Township context, and consistent with common practice across rural municipalities, this strategy is not recommended. In many cases, the existing surface type already exceeds minimum functional requirements; however, any future resurfacing or rehabilitation of these road sections is assumed to maintain the existing surface treatment. Downgrading of road surfaces is not contemplated as part of this review and is not considered an appropriate or practicable cost-saving measure given user expectations, operational considerations, and potential impacts to safety and public perception.

Accordingly, where resurfacing or lifecycle renewal is undertaken on road sections with existing asphalt or higher-order surface treatments, the works are assumed to preserve the current level



of service rather than reduce it. This approach supports consistency, minimizes community disruption, and aligns with the Township's broader asset management objectives.

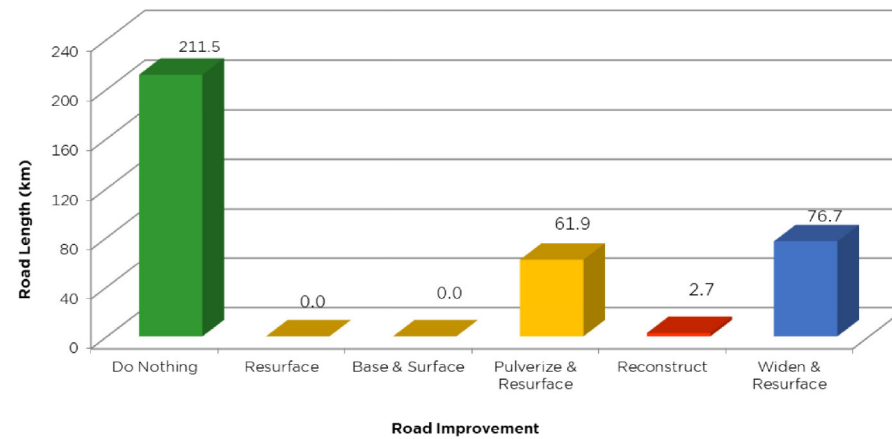
6.2 IMPROVEMENT RECOMMENDATIONS

The identified road deficiencies (should such exist) and resulting road improvement recommendations are listed in Appendix E by road section - where no improvements are required, no recommendations are otherwise provided. Figure 4 illustrates the resulting length of road requiring improvement by type of improvement.

Overall, 40% of the current road network requires improvements (141.3 km); the predominant improvement is Widen & Resurface (76.7 km or 22%). As noted above, many locations have been identified as current, "now", needs based on available geometric data. While these sections are flagged as existing deficiencies, it is recognized that widening or upgrading may be deferred in many cases and potentially addressed opportunistically as part of future road rehabilitation, resurfacing, or reconstruction projects. This approach allows the Township to coordinate improvements with other planned works, manage capital expenditures, and minimize disruption, while still acknowledging the long-term need to improve operational safety and accommodate two-way traffic where feasible.

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 the listings of Appendix E.



Figure 4: Road Improvement Recommendations by Road Length

It is noted that rural roads serving less than 50 vehicles per day were not considered for improvements over and above those undertaken through normal maintenance. In other words, any road improvements required for low volume rural road sections are assumed to be addressed through the Township's annual road maintenance program.

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 the assumed 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 Township. The unit costs employed in this study are listed in Table 27.



Table 27: Unit Costs

ITEM	UNIT	COST	ITEM	UNIT	COST
Excavation & disposal	m ³	\$20	Manhole - remove	each	\$1,000
Hot mix asphalt	tonne	\$175	Manhole - place	each	\$10,000
Surface treatment - single	m ²	\$5	Manhole- adjust	each	\$2,000
Surface treatment - double	m ²	\$10	Catch basin - leads	m	\$400
Granular A	tonne	\$44	Catch basin - remove	each	\$1000
Granular B	tonne	\$45	Catch basin - place	each	\$6,000
Curb & gutter - remove	m	\$55	Catch basin - adjust	each	\$500
Curb & gutter - place	m	\$100	Asphalt planning	m ²	\$8
Sub drains	m	\$40	Pulverize/Scarify & grade	m ²	\$2
Storm sewer - 525mm	metre	\$800	Ditching (clean out)	m	\$20

For ditching, the noted unit price reflects that many of the Township's ditches will require removal of trees and/or vegetation to facilitate the construction of appropriate drainage facilities.

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 the



listings of Appendix E (improvements by road section), whereas a summary is provided in Table 28.

In total, 180 of 439 road sections warrant improvements (43%), amounting to 148.1 km (42%), with a total improvement cost value of \$44.0M.

Table 28: Improvement Cost Summary

IMPROVEMENT	ROAD SECTIONS		ROAD LENGTH		COST (\$M)
	Number	Percent	Kilometres	Percent	
Do Nothing	259	59%	211.5	60%	\$0.0
Resurface	0	0%	0.0	0%	\$0.0
Base & Surface	0	0%	0.0	0%	\$0.0
Pulverize & Resurface	79	18%	61.9	18%	\$22.5
Reconstruct	2	0%	2.7	1%	\$3.4
Widen & Resurface	99	23%	76.7	22%	\$18.0
Total	439	100%	352.8	100%	\$44.0

As noted, there are 99 road sections identified for widen and resurface. Of these, 47 have road width deficiencies only; the remaining 52 have other deficiencies beyond the road width including: road condition needs (13); road geometry needs (10); drainage needs (38) and shoulder width needs (5).



7 Priorities & Recommendations

7.1 COUNCIL ACCEPTANCE OF ROAD RENEWAL PROCESS

Council has received and accepted the road renewal process and prioritization framework outlined in this Road Needs Study. This endorsement establishes the Priority Guide Number methodology and associated improvement strategies as the guiding framework for capital planning and the development of the Township's annual road improvement program.

In accepting this process, Council acknowledges that the recommendations presented herein are intended to serve as a strategic guide rather than a fixed or prescriptive schedule of works. Implementation will be achieved progressively over the 10-year planning horizon, subject to available funding, operational priorities, and evolving road conditions.

The annual works program shall be established by Township staff in accordance with the Priority Guide Number rankings and the additional considerations outlined in this report, including continuity of construction, infrastructure coordination, development implications, and the distinction between preservation and rehabilitation works. Staff are directed to update road condition data on an ongoing basis (ideally annually) and to bring forward an annual capital program for Council's consideration that reflects current conditions, available reserves, and any applicable senior-government funding opportunities.

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

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

The timing and prioritization of road improvement projects, particularly within the 1 to 5 year planning horizon, is an important consideration for the Township. The recommendations presented in this report are intended to support and inform capital planning, rather than serve as a fixed or prescriptive implementation schedule. This document should be viewed as a strategic guide to assist staff and Council in identifying relative needs across the road network and evaluating where resources may be most effectively allocated.

It is important to note that the condition assessments and resulting prioritization outlined in this report are based on a single point-in-time inspection. While this provides a valuable snapshot of current conditions, road performance and deterioration rates are influenced by a range of



variables, including traffic volumes, weather, drainage performance, maintenance history, and incidental damage. As a result, the anticipated timing of rehabilitation or reconstruction should be considered flexible. For example, a road section identified for rehabilitation in Year 3 may ultimately require intervention sooner due to accelerated deterioration, or conversely, may remain serviceable for a longer period if conditions stabilize.

To support more accurate and responsive decision-making, it is recommended that Township staff continue to undertake regular (ideally annual) condition inspections and update road performance data accordingly. Incorporating up-to-date inspection results into the prioritization framework will allow staff to refine project timing, reassess relative urgency, and adjust the capital program to reflect evolving conditions and budget constraints.

By combining the findings of this report with ongoing inspection data and operational knowledge, the Township can ensure that the most critical needs are addressed first, while retaining the ability to adapt project timing and scope over time. This approach aligns with good asset management practice and supports a proactive, evidence-based strategy for managing limited capital resources.

7.2 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).



7.3 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 (which reflects the cost to benefits). 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. 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

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

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 improvement 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 arterial and collector roads, and then to the local roads in need of major rehabilitation.



7.4 IMPROVEMENT SCHEDULE

7.4.1 Basis for Scheduling

It is recommended that the road improvements be prioritized in accordance with the Priority Guide Number, thus ensuring that the greatest benefits will be achieved for the improvement dollar expended (ie. improvements are implemented in accordance with the cost benefit assessment). This approach is counter to the typical “worst first” approach and seeks to implement improvements aimed at extending the useful life of the road prior to a point at which full reconstruction is required.

Further to this however, it is recommended that that road sections with a very poor condition (ie. PCI < 50) be prioritized for improvement to address the potential for increased maintenance and safety issues, taking into account their corresponding Priority Guide Numbers.

The recommended ranking and ordering of road improvements is provided in Appendix H. Improvements related solely to deficient road widths (i.e., widening and resurfacing only) are considered less critical than other recommended improvement types and have therefore been assigned a lower priority. These works are generally most effective when implemented in conjunction with other improvement strategies and, as such, have been moved toward the bottom of the ranking list where they are not combined with additional benefits.

In establishing the timing of improvements, an annual capital budget of approximately \$3.0million has been assumed. This value is based on a review of recent Township capital expenditures and an assessment of what existing reserve levels can realistically support on an ongoing basis. While this level of investment represents a reasonable and sustainable funding target, it does result in a shortfall relative to the total recommended spending required to complete all identified 10-year needs within the planning horizon. This condition is not uncommon among municipalities and reflects the challenge of balancing infrastructure needs with available financial resources. In practice, achieving the full scope of recommended works typically requires supplementation through senior-government funding programs, grants, or other external funding opportunities. Accordingly, the assumed budget and resulting implementation schedule should be viewed as flexible and subject to adjustment as additional funding becomes available.

7.4.2 Other Considerations

This study has provided recommendations for the prioritization of road improvements based solely on the existing conditions at the time of the inventory and review. There are a number of additional factors that should also be considered to establish the Township’s annual improvement program. This includes consideration for the following:



1. Availability of funds. While a number of road sections have “now” needs, such cannot all be addressed in the first year and there will be carry over the following year.
2. Continuity of construction. If there are several consecutive road sections or several road sections within the same area, these should be considered together to yield maximize cost efficiencies and to reduce construction related impacts to area residents, regardless of the overall ranking.
3. Replacement of infrastructure. Infrastructure renewal/repairs should be considered in conjunction with the road works and vice versa to ensure roads that were recently repaired to not need to be disturbed to replace underground infrastructure.
4. 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.
5. 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”).



8 Alternative Approaches and Road Improvement Policy

In consideration of the significant costs associated with the identified road improvements, a number of alternative improvement approaches have been considered.

8.1 ALTERNATIVE APPROACHES

Alternative 1: Do Not Consider Road Widening

Given the limited traffic volumes on the majority of roads and no known operational issues, this alternative maintains the existing road widths and thus there are no road sections identified solely requiring widening and resurfacing.

Alternative 2: Single Lift of Asphalt

As per the employed road standards, 2 lifts of asphalt (40 mm top course and 50 mm base course) have been assumed for all paved roads. Under this alternative scenario, the asphalt standard for local rural and semi-urban roads has been reduced to a single lift of 50 mm. This is reflective of the reduced traffic volumes typical of local roads (2 lifts of asphalt are desired on local urban roads to facilitate the removal and reinstatement of the surface course as a means of improvement).

Alternative 3: Minimum Road Surface Type

Recognizing that many of the Township roads do not warrant a hard surface (based on traffic volumes), an alternative scenario was considered whereby the road surface type was reinstated to meet the minimum standard. In this regard, if a road is currently paved but the volumes only warrant surface treatment, the latter is considered in the road improvements and costing.

8.2 ALTERNATIVE IMPROVEMENT COSTS

The associated improvement costs for the various alternative improvement approaches are summarized in Table 29 (the road sections and road lengths noted are those requiring improvement). Several additional alternatives have been considered, whereby alternative approaches were combined to provide compounded benefits. The "Base Scenario", as previously presented in Table 28, is also included for ease of reference.



Table 29: Improvement Cost Summary – Alternative Approaches

ALTERNATIVE APPROACH	ROAD SECTIONS		ROAD LENGTH		COST (\$M)
	Number	Percent	Kilometres	Percent	
Base Scenario	180	41%	141.3	40%	\$44.0
Alternative 1: No Widening	98	22%	72.9	21%	\$27.4
Alternative 2: Single Lift Asphalt	180	41%	141.3	40%	\$35.1
Alternative 3: Minimum Road Surface	180	41%	141.3	40%	\$36.5
Alternatives 1 + 2	98	22%	72.9	21%	\$19.1
Alternatives 1 + 3	98	22%	72.9	21%	\$20.3
Alternatives 2 + 3	180	41%	141.3	40%	\$31.3
Alternatives 1 + 2 + 3	98	22%	72.9	21%	\$15.4

In reviewing the alternative improvement strategies, the following are noted:

- not considering road widenings alone (ie. Alternative 1) will yield a savings of \$16.6M;
- reducing the depth of asphalt on rural and semi-urban local roads (Alternative 2) will yield a savings of \$8.9M;
- reinstating roads to the minimum surface type (Alternative 3) will yield a savings of \$7.5M; and
- not considering road widenings alone (ie. Alternative 1) and reducing the depth of asphalt on rural and semi-urban local roads (Alternative 2) will yield a savings of \$24.9M.

The maximum cost savings can be achieved through consideration of all of the noted alternative approaches (do not widen roads only for the sake of widening them, one lift of asphalt on rural and semi-urban roads vs two lifts, and reinstate road surfaces to the minimum requirement), amounting to a savings of \$28.6M.



8.3 TOWNSHIP ROAD IMPROVEMENT POLICY STATEMENTS

In addition to the prioritization framework and improvement strategies outlined in this study, the following policy statements are intended to guide the planning and implementation of road improvements within the Township of Ramara. These policies provide consistent direction to staff and Council and support evidence-based decision-making that aligns with the Township's asset management objectives.

8.3.1 Policy Statement 1: Road Widening

Road widening projects should only be undertaken where an identified operational, safety, or capacity deficiency has been documented. A roadway's failure to meet current geometric width standards shall not, on its own, warrant widening. Where traffic volumes are low and no operational or safety concerns exist, widening may be deferred and the deficiency monitored through future asset management reviews.

Where widening is justified, it should be undertaken in conjunction with other planned road improvement works, such as resurfacing or reconstruction, to maximize cost efficiency and minimize disruption.

8.3.2 Policy Statement 2: Asphalt Road Renewals

Single-lift asphalt resurfacing should be the preferred renewal treatment on local rural and semi-urban roads where pavement and structural conditions permit. This approach provides a cost-effective means of extending roadway service life while meeting operational requirements.

Two-lift asphalt applications should be reserved for roads with higher traffic volumes, structural deficiencies, or classifications requiring a more robust treatment. Treatment selection should be based on roadway condition, road classification, anticipated traffic demands, and available funding.

8.3.3 Policy Statement 3: Road Surface Type

Road surfaces should not be downgraded from a higher to a lower level of service (e.g., asphalt to gravel). Once a roadway has been improved to a higher surface standard, future renewal, rehabilitation, and reconstruction projects should maintain that surface type.

This policy recognizes established public expectations regarding ride quality, maintenance, dust control, and winter operations, and is consistent with common municipal practice and the Township's long-term asset management objectives.



9 At-Grade Railway Crossings

There are 22 at-grade railway crossings situated on various Township roads. These crossings form an integral component of the Township's road system, providing essential connectivity for residents, businesses, agricultural operations and emergency services. At-grade crossings also represent locations where road and rail operations intersect, requiring careful monitoring to ensure ongoing safety, compliance, and asset performance.

As part of this Road Needs Assessment, the 22 at-grade crossings were individually inventoried and photographed (a summary of which is provided in Appendix I). Field observations included the condition of the road approaches, signage, surface treatments, visibility and any ancillary safety features. The photographic records establish a baseline dataset that will support future condition reviews and engineering evaluations. This inventory effort is intended to complement a separate, more detailed assignment focused specifically on railway crossing requirements.

It is understood Transport Canada is currently undertaking a national review of at-grade railway crossings, with a mandate to update standards, assess safety risks and guide future upgrades across the country. The Township's inventory and documentation completed through this study will provide valuable reference materials to support upcoming assessments and ensure local conditions are accurately represented should regulatory changes or funding opportunities arise.

Overall, the documentation of these 22 crossings provides an important foundation for ongoing asset management and will assist the Township in aligning with national rail safety initiatives, planning future improvements, and coordinating effectively with rail authorities.



10 Summary

10.1 ROAD NETWORK

The purpose of the *Township of Ramara Road Needs Study 2025* is to provide the Township with an updated “road map” to maintaining the road network in good condition. In doing so, the study has:

- 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 Township 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 Township’s Development Charges.

10.2 RAILWAY CROSSINGS

The inventory of existing at-grade rail crossings is intended to complement a separate, more detailed assignment focused specifically on railway crossing requirements.

10.3 STUDY UPDATES

To maintain the relevance of the *Road Needs Study* and ensure road conditions are accurately reflected, it is recommended major updates be completed on a five-year cycle, consistent with industry best practices.

Given the size of the Township’s road network and historically modest growth levels, this update frequency is considered appropriate at this time. Should future development result in notable increases in traffic volumes or localized impacts, the Township may wish to revisit this approach and consider more frequent or targeted updates.

The recommendations presented herein are intended to serve as a practical guide to support capital planning and project prioritization, particularly within the 1- to 5-year planning horizon, rather than a fixed or prescriptive schedule of works. As the findings are based on a single



point-in-time condition assessment, project timing should remain flexible and subject to refinement as road performance evolves. Ongoing, regular condition inspections, ideally conducted annually by Township staff, are recommended to supplement the information in this report, allowing project timing and priorities to be adjusted as warranted to reflect changing conditions, operational needs, and available funding.



Appendix A: Road Inventory Forms

Township of Ramara

Road Needs Study 2025

IDENTIFICATION

ASPHALT ROADS

Road Name

Section

From

Inspected By

To

Inspected On

ROAD INVENTORY

Length m	Platform Width m	Surface Width m	Shoulder Width m	No. of Lanes 	Speed Limit km/h	Substandard Curves H: V:	
2018 AADT vpd	2023 AADT vpd	2028 AADT vpd	2038 AADT vpd				
Road Classification local		collector	arterial	O.Reg 239/02 Class		Sidewalk even side 	
Road Environment rural		semi-urban	urban	Standard 		Sidewalk odd side 	
Drainage no ditch		open ditch	storm sewer	sewer & ditch	other		
Drainage Assessment good		fair (minor improvements/maintenance required)		poor (major improvements/maintenance required)			
Terrain non-rocky flat		non-rocky rolling	rocky rugged	rocky flat	rocky rolling		
Surface Type earth/dirt		gravel	surface treated	Asphalt	other		
Shoulder Type earth/dirt		gravel	surface treated	asphalt	concrete		
Curb Even Side no curb		barrier	mountable	asphalt	concrete		
Curb Odd Side no curb		barrier	mountable	asphalt	concrete		

Field Comments & Observations

Township of Ramara

Road Needs Study 2025

IDENTIFICATION

ASPHALT ROADS

Road Name		Section	
From		Inspected By	
To		Inspected On	

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		Slight	Moderate	Severe	Intermittent	Frequent	Extensive	
very rough and bumpy			uncomfortable				smooth & pleasant										
Defects, Deformations & Cracking										Wi	1	2	3	1	2	3	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							
	9 Utility trenches									1.0							
Cracking	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
			m	m		
Maintenance Need & Timing	Improvement Recommendation	Improvement Time	Improvement \$\$			

Township of Ramara

Road Needs Study 2019

IDENTIFICATION

SURFACE TREATED ROADS

Road Name		Section	
From		Inspected By	
To		Inspected On	

ROAD INVENTORY

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

Field Comments & Observations

Township of Ramara

Road Needs Study 2019

IDENTIFICATION

SURFACE TREATED ROADS

Road Name		Section	
From		Inspected By	
To		Inspected On	

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		Slight	Moderate	Severe	Intermittent	Frequent	Extensive	
very rough and bumpy			uncomfortable				smooth & pleasant				< 20%			20-50%		> 50%	
Defects, Deformations & Cracking										Wi	1	2	3	1	2	3	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							
		9 Longitudinal								1.0							
Cracking		10 Transverse								0.5							
		11 Pavement edge								1.0							
		12 Alligator								3.0							
Ride Comfort Rating (RCR): 3										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
			m	m		
Maintenance Need & Timing		Improvement Recommendation		Improvement Time	Improvement \$\$	

Township of Ramara

Road Needs Study 2019

IDENTIFICATION

GRAVEL ROADS

Road Name

Section

From

Inspected By

To

Inspected On

ROAD INVENTORY

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

Field Comments & Observations

Township of Ramara

Road Needs Study 2019

IDENTIFICATION

GRAVEL ROADS

Road Name		Section	
From		Inspected By	
To		Inspected On	

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		Slight	Moderate	Severe	Intermittent	Frequent	Extensive			
very rough and bumpy																			
uncomfortable																			
smooth & pleasant																			
Defects, Deformations & Cracking										Wi	1	2	3	1	2	3	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									
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
			m	m		
Maintenance Need & Timing	Improvement Recommendation			Improvement Time	Improvement \$\$	

Appendix B: Traffic Data

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
4108	Airport Road	Fish Sideroad	Bluebird Street	8000	350	4%	A	400	5%	400	5%	450	6%
4100	Airport Road	Rama Road	West End	8000	50	1%	A	75	1%	75	1%	75	1%
4026	Allan Carrick Road	Concession Road B/C	South End	8000	49	1%	A	49	1%	49	1%	49	1%
3008B	Amilia Drive	Louis Lane	East End	8000	200	3%	A	250	3%	250	3%	250	3%
3008A	Amilia Drive	Glenrest Drive	Louis Lane	8000	150	2%	A	200	3%	200	3%	200	3%
3150	Anderson Avenue	Courtland Street	1.0km E of Courtland Street	8000	200	3%	A	250	3%	250	3%	250	3%
3148	Anderson Avenue	1.0km E of Courtland Street	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4170	Ash Crescent	Island Crescent	South End	8000	49	1%	A	49	1%	49	1%	49	1%
4146	Ash Drive	Glen Ellen Drive	Bedford Lane	8000	49	1%	A	49	1%	49	1%	49	1%
3208	Balsam Road	Creighton Street	Patricia Drive	8000	1100	14%	A	1200	15%	1300	16%	1400	18%
3210	Balsam Road	Patricia Drive	Courtland Street	8000	1000	13%	A	1100	14%	1200	15%	1300	16%
3164	Balsam Road	Highway 12	Courtland Street	8000	500	6%	A	550	7%	600	8%	650	8%
3018	Bayshore Drive	Barnstable Drive	1.1km W of Barnstable Drive	8000	1600	20%	A	1700	21%	1800	23%	2000	25%
3020	Bayshore Drive	1.1km W of Barnstable Drive	S/W to Thicketwood Place	8000	600	8%	A	700	9%	700	9%	800	10%
3022	Bayshore Drive	1.1km W of Barnstable Drive	Lantern Court	8000	1000	13%	A	1100	14%	1200	15%	1300	16%
3024	Bayshore Drive	Lantern Court	Thicketwood Place	8000	400	5%	A	450	6%	450	6%	500	6%
3088	Bayview Avenue	Bayview Avenue	0.8km N/E of McRae Park Road	8000	50	1%	A	75	1%	75	1%	75	1%
3006	Bayview Avenue	McRae Park Road	0.7km N of McRae Park Road	8000	150	2%	A	200	3%	200	3%	200	3%
1012	Eddy Green Drive	Muir Road	West End	8000	100	1%	A	125	2%	125	2%	125	2%
4140	Beach Drive	Dock Road	0.5km N of Dock Road	8000	250	3%	A	300	4%	300	4%	350	4%
4138	Beach Drive	Dock Road	South End	8000	125	2%	A	150	2%	150	2%	200	3%
1146	Beaver Trail	Lake Avenue	East End	8000	125	2%	A	150	2%	150	2%	200	3%
4144	Bedford Lane	Glen Ellen Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4174	Birch Drive	Fairground Road	North End	8000	250	3%	A	300	4%	300	4%	350	4%
4114	Bluebird Street	Airport Road	East End	8000	350	4%	A	400	5%	400	5%	450	6%
4112	Bluebird Street	Sheba Drive	Airport Road	8000	125	2%	A	150	2%	150	2%	200	3%
3054A	Bonnie Beach Road	Edgehill Road	0.2km S of Edgehill Road	8000	200	3%	A	250	3%	250	3%	250	3%
3054B	Bonnie Beach Road	Muley Point Road	Edgehill Road	8000	500	6%	A	550	7%	600	8%	650	8%
3052	Bonnie Beach Road	Sideroad 25	0.6km W of Sideroad 25	8000	150	2%	A	200	3%	200	3%	200	3%
3220	Bridge Street	Queen Street	West End	8000	125	2%	A	150	2%	150	2%	200	3%
4042	Brooks Sideroad	County Road 169	Fairground Road	8000	450	6%	A	500	6%	500	6%	550	7%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
5039	Canal Road	Township Boundary	Sideroad 5	8000	300	4%	A	350	4%	350	4%	400	5%
5039	Canal Road	Sideroad 5	0.7km E of Sideroad 5	8000	250	3%	A	300	4%	300	4%	350	4%
1060	Canal Road	0.7km E of Sideroad 5	1.4km E of Sideroad 5	8000	250	3%	A	300	4%	300	4%	350	4%
1062	Canal Road	1.4km E of Sideroad 5	2.5km E of Sideroad 5	8000	250	3%	A	300	4%	300	4%	350	4%
1064	Canal Road	2.5km E of Sideroad 5	Mara-Eldon Boundary	8000	250	3%	A	300	4%	300	4%	350	4%
1061	Canal Road	Canal Road	County Bridge	8000	250	3%	A	300	4%	300	4%	350	4%
2040	Carol Ann Avenue	Stephanie Drive	West End	4000	75	2%	A	100	3%	100	3%	100	3%
3168	Caroline Street	Courtland Street	Henry Street	8000	75	1%	A	100	1%	100	1%	100	1%
4152	Charles Lane Road	Ellis Drive	North End	8000	49	1%	A	49	1%	49	1%	49	1%
4122	Church Road	Longfordmills Road	North End	8000	49	1%	A	49	1%	49	1%	49	1%
1130	Church Street	Concession Road 4	South End	8000	150	2%	A	200	3%	200	3%	200	3%
1070	Concession Road 1	West End	Lakeshore Drive	4000	49	1%	A	49	1%	49	1%	49	1%
1074	Concession Road 1	Ramara Road 47	Highway 12	4000	49	1%	A	49	1%	49	1%	49	1%
1076	Concession Road 1	Highway 12	Sideroad 5	8000	150	2%	A	200	3%	200	3%	200	3%
1078	Concession Road 1	Sideroad 5	Mara-Eldon Boundary	8000	250	3%	A	300	4%	300	4%	350	4%
1072	Concession Road 1	Lakeshore Drive	Ramara Road 47	8000	150	2%	A	200	3%	200	3%	200	3%
3110	Fagan Lane	East End	Muley Point Road	8000	49	1%	A	49	1%	49	1%	49	1%
3129	Melrose Drive	0.8km W of Muley Point Road	Plum Point Road	8000	450	6%	A	500	6%	500	6%	550	7%
3122	Melrose Drive	Plum Point Road	Fountain Drive	8000	75	1%	A	100	1%	100	1%	100	1%
3158	Melrose Drive	Fountain Drive	West End	8000	49	1%	A	49	1%	49	1%	49	1%
2048	Concession Road 10	County Road 169	0.5km E of County Road 169	8000	150	2%	A	200	3%	200	3%	200	3%
2050B	Concession Road 10	0.5km E of County Road 169	1.0km E of County Road 169	8000	150	2%	A	200	3%	200	3%	200	3%
2050A	Concession Road 10	1.0km E of County Road 169	Sideroad 5	8000	150	2%	A	200	3%	200	3%	200	3%
2052	Concession Road 10	Sideroad 5	East End	8000	49	1%	A	49	1%	49	1%	49	1%
3146	Whitney Road	Courtland Street	West End Lake	8000	49	1%	A	49	1%	49	1%	49	1%
3224	Concession Road 10	Highway 12	Sideroad 15	8000	350	4%	A	400	5%	400	5%	450	6%
2044	Concession Road 10	Sideroad 15	2.6km E of Sideroad 15	8000	400	5%	A	450	6%	450	6%	500	6%
2046	Concession Road 10	2.6km E of Sideroad 15	County Road 169	8000	400	5%	A	450	6%	450	6%	500	6%
3112A	Melrose Drive	Muley Point Road	0.8km W of Muley Point Road	8000	450	6%	A	500	6%	500	6%	550	7%
326A	Concession Road 11	Highway 12	0.3km E of Highway 12	8000	250	3%	A	300	4%	300	4%	350	4%
3228	Concession Road 11	Sideroad 25	Sideroad 20	8000	100	1%	A	125	2%	125	2%	125	2%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
3230	Concession Road 11	Sideroad 20	Fairvalley Road	8000	1300	16%	A	1400	18%	1500	19%	1600	20%
3226B	Concession Road 11	0.3km E of Highway 12	Sideroad 25	8000	200	3%	A	250	3%	250	3%	250	3%
3232	Concession Road 11	Fairvalley Road	Ramara Road 46	8000	1100	14%	A	1200	15%	1300	16%	1400	18%
3236	Concession Road 12	Rama Road	Sideroad 25	8000	125	2%	A	150	2%	150	2%	200	3%
3238	Concession Road 12	Sideroad 25	0.55km E of Sideroad 25	8000	150	2%	A	200	3%	200	3%	200	3%
3240A	Concession Road 12	0.55km E of Sideroad 25	Margaret Orr Blvd	8000	125	2%	A	150	2%	150	2%	200	3%
3240B	Concession Road 12	Margaret Orr Blvd	0.3km E of Margaret Orr Blvd	4000	49	1%	A	49	1%	49	1%	49	1%
2054	Cahill Road	Sideroad 15	County Road 169	8000	49	1%	A	49	1%	49	1%	49	1%
2058	Klondike Road	Sideroad 5	East End	8000	49	1%	A	49	1%	49	1%	49	1%
2060	Sajnovic Place	Kirkfield Road	West End	8000	49	1%	A	49	1%	49	1%	49	1%
2056	Concession Road 12	County Road 169	East End	4000	49	1%	A	49	1%	49	1%	49	1%
3242	Cahill Road	Fairvalley Road	West End	4000	49	1%	A	49	1%	49	1%	49	1%
3234	Concession Road 12	West End	Rama Road	8000	150	2%	A	200	3%	200	3%	200	3%
3244	Cahill Road	Fairvalley Road	Sideroad 15	8000	75	1%	A	100	1%	100	1%	100	1%
3252	Concession Road 13	West End	Fairvalley Road	4000	49	1%	A	49	1%	49	1%	49	1%
2064	Concession Road 13	1.8km E of Sideroad 15	County Road 169	8000	125	2%	A	150	2%	150	2%	200	3%
2066	Concession Road 13	County Road 169	East End	4000	49	1%	A	49	1%	49	1%	49	1%
2068	Concession Road 13	Sideroad 5	West End	4000	49	1%	A	49	1%	49	1%	49	1%
2062	Concession Road 13	Sideroad 15	1.8km E of Sideroad 15	8000	125	2%	A	150	2%	150	2%	200	3%
2070	Mundy's Lane	Sideroad 5	Kirkfield Road	8000	75	1%	A	100	1%	100	1%	100	1%
3254	Concession Road 13	Fairvalley Road	Sideroad 15	8000	50	1%	A	75	1%	75	1%	75	1%
1084	Concession Road 2	West End	Lakeshore Drive	4000	49	1%	A	49	1%	49	1%	49	1%
1088	Concession Road 2	Ramara Road 47	Highway 12	8000	49	1%	A	49	1%	49	1%	49	1%
1090	Concession Road 2	Highway 12	0.6km E of Highway 12	8000	800	10%	A	900	11%	900	11%	1000	13%
1094	Concession Road 2	Sideroad 5	0.6km E of Sideroad 5	8000	49	1%	A	49	1%	49	1%	49	1%
1096	Concession Road 2	0.6km E of Sideroad 5	2.2km E of Sideroad 5	4000	49	1%	A	49	1%	49	1%	49	1%
1092	Concession Road 2	0.6km E of Highway 12	Sideroad 5	8000	150	2%	A	200	3%	200	3%	200	3%
1086	Concession Road 2	Lakeshore Drive	Ramara Road 47	8000	50	1%	A	75	1%	75	1%	75	1%
1102	Concession Road 3	West End	Lakeshore Drive	4000	49	1%	A	49	1%	49	1%	49	1%
1106	Concession Road 3	Ramara Road 47	Highway 12	8000	250	3%	A	300	4%	300	4%	350	4%
1108A	Concession Road 3	Highway 12	Harrigan Drive	8000	150	2%	A	200	3%	200	3%	200	3%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
1110	Concession Road 3	Sideroad 5	0.5km E of Sideroad 5	8000	49	1%	A	49	1%	49	1%	49	1%
1112	Concession Road 3	0.5km E of Sideroad 5	1.4km E of Sideroad 5	4000	49	1%	A	49	1%	49	1%	49	1%
1108B	Concession Road 3	Harrigan Drive	Sideroad 5	8000	150	2%	A	200	3%	200	3%	200	3%
1104	Concession Road 3	Lakeshore Drive	Ramara Road 47	8000	250	3%	A	300	4%	300	4%	350	4%
1126A	Concession Road 4	Highway 12	Church Street	12000	1300	11%	A	1500	13%	1600	13%	2000	17%
1126B	Concession Road 4	Church Street	100 m West of Ramara Road 47	12000	1200	10%	A	1400	12%	1500	13%	1800	15%
1126C	Concession Road 4	100 m West of County Road 47	Ramara Road 47	12000	1100	9%	A	1300	11%	1400	12%	1700	14%
1176	Concession Road 5	0.6km W of Highway 12	Highway 12	4000	49	1%	A	49	1%	49	1%	49	1%
1178	Concession Road 5	Highway 12	Sideroad 5	8000	75	1%	A	100	1%	100	1%	100	1%
1180	Concession Road 5	Sideroad 5	Mara-Carden Boundary Road	8000	75	1%	A	100	1%	100	1%	100	1%
2002	Concession Road 6	Highway 12	0.2km W of Highway 12	8000	50	1%	A	75	1%	75	1%	75	1%
2004	Concession Road 6	0.2km W of Highway 12	0.8km W of Highway 12	8000	49	1%	A	49	1%	49	1%	49	1%
2006	Concession Road 6	County Road 169	East End	8000	49	1%	A	49	1%	49	1%	49	1%
2008	Ruttle Road	Mara-Carden Boundary	West End	8000	49	1%	A	49	1%	49	1%	49	1%
3004	Concession Road 7	Barnstable Drive	Louis Lane	12000	550	5%	A	700	6%	700	6%	900	8%
3002	Concession Road 7	Louis Lane	Sideroad 15	12000	700	6%	A	800	7%	900	8%	1100	9%
2014	Concession Road 7	Simcoe Road 169	1.4km E of Simcoe Road 169	8000	49	1%	A	49	1%	49	1%	49	1%
2016	Concession Road 7	1.4km E of Simcoe Road 169	3.7km E of Simcoe Road 169	4000	49	1%	A	49	1%	49	1%	49	1%
2010	Concession Road 7	Sideroad 15	Highway 12	12000	700	6%	A	800	7%	900	8%	1100	9%
2012	Concession Road 7	Highway 12	County Road 169	8000	125	2%	A	150	2%	150	2%	200	3%
2018	Black Beach Lane	Mara-Carden Boundary Road	West End	8000	100	1%	A	125	2%	125	2%	125	2%
3046	Barnstable Drive	Four Jay Way	Muley Point Road	12000	1200	10%	A	1400	12%	1500	13%	1800	15%
3064	Concession Road 8	West End	Sideroad 15	4000	49	1%	A	49	1%	49	1%	49	1%
2028	Concession Road 8	County Road 169	1.4km E of County Road 169	8000	49	1%	A	49	1%	49	1%	49	1%
2030	Concession Road 8	1.4km E of County Road 169	2.1km E of County Road 169	4000	49	1%	A	49	1%	49	1%	49	1%
2026	Concession Road 8	Highway 12	County Road 169	8000	75	1%	A	100	1%	100	1%	100	1%
2024	Concession Road 8	Sideroad 15	Highway 12	8000	100	1%	A	125	2%	125	2%	125	2%
3068	Concession Road 9	Boss Road	2.0km E of Boss Road	4000	49	1%	A	49	1%	49	1%	49	1%
3066	Concession Road 9	1.2km W of Sideroad 15	Sideroad 15	4000	49	1%	A	49	1%	49	1%	49	1%
2036A	Concession Road 9	Simcoe Road 169	1.92km E of Simcoe Road 169	8000	150	2%	A	200	3%	200	3%	200	3%
2036B	Concession Road 9	1.92km E of Simcoe Road 169	2.6km E of Simcoe Road 169	8000	100	1%	A	125	2%	125	2%	125	2%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
2034	Concession Road 9	Highway 12	County Road 169	8000	125	2%	A	150	2%	150	2%	200	3%
2036C	Concession Road 9	2.6km E of County Road 169	3.8km E of Simcoe Road 169	8000	100	1%	A	125	2%	125	2%	125	2%
2036D	Concession Road 9	3.8km E of County Road 169	Lake Dalrymple	8000	100	1%	A	125	2%	125	2%	125	2%
2032	Concession Road 9	Sideroad 15	Highway 12	8000	75	1%	A	100	1%	100	1%	100	1%
3070	Ross Road	Muley Point Road	Sideroad 20	8000	100	1%	A	125	2%	125	2%	125	2%
1042	Concession Road A	West End	Lakeshore Drive	4000	49	1%	A	49	1%	49	1%	49	1%
1046	Concession Road A	Muir Road	Ramara Road 47	8000	125	2%	A	150	2%	150	2%	200	3%
1048	Concession Road A	Ramara Road 47	0.4km W of Highway 12	8000	300	4%	A	350	4%	350	4%	400	5%
1050	Concession Road A	0.4km W of Highway 12	Highway 12	8000	400	5%	A	450	6%	450	6%	500	6%
1052	Concession Road A	Ramara Road 51	East End	8000	125	2%	A	150	2%	150	2%	200	3%
1058	Concession Road A	0.4km W of Canal Road	0.5km W of Canal Road	4000	49	1%	A	49	1%	49	1%	49	1%
1044	Concession Road A	Lakeshore Drive	Muir Road	8000	150	2%	A	200	3%	200	3%	200	3%
1056	Concession Road A	Canal Road	0.4km W of Canal Road	8000	49	1%	A	49	1%	49	1%	49	1%
1022	Concession Road B	West End	Muir Road	8000	250	3%	A	300	4%	300	4%	350	4%
1024	Concession Road B	Muir Road	Ramara Road 47	8000	400	5%	A	450	6%	450	6%	500	6%
1028	Concession Road B	Furniss Drive	East End	4000	49	1%	A	49	1%	49	1%	49	1%
1026	Concession Road B	Ramara Road 47	Furniss Drive	8000	150	2%	A	200	3%	200	3%	200	3%
4018	Concession Road B/C	Pearl Carrick Road	East End	4000	500	13%	A	600	15%	700	18%	800	20%
4010	Concession Road B/C	Rama-Dalton Boundary Road	West End	8000	49	1%	A	49	1%	49	1%	49	1%
4016	Concession Road R/C	Sideroad 5/6	Pearl Carrick Road	8000	500	6%	A	600	8%	700	9%	800	10%
4014	Concession Road B/C	County Road 169	Sideroad 5/6	8000	550	7%	A	700	9%	900	11%	1000	13%
4012	Concession Road D/E	Rama-Dalton Boundary Road	West End	8000	125	2%	A	150	2%	150	2%	200	3%
4020A	Concession Road D/E	County Road 169	0.15km E of Simcoe Road 169	8000	75	1%	A	100	1%	100	1%	100	1%
4022	Concession Road D/E	Given Road	Sideroad 5/6	4000	49	1%	A	49	1%	49	1%	49	1%
4020B	Concession Road D/E	0.15km E of County Road 169	Given Road	8000	50	1%	A	75	1%	75	1%	75	1%
4038	Concession Road F/G	County Road 169	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4040	Concession Road H/I	County Road 169	East End	8000	50	1%	A	75	1%	75	1%	75	1%
4054	Concession Road M/N	Cronk Sideroad	0.8km E of Cronk Sideroad	8000	75	1%	A	100	1%	100	1%	100	1%
4056	Concession Road M/N	0.8km E of Cronk Sideroad	McArthur Sideroad	8000	75	1%	A	100	1%	100	1%	100	1%
4058	Concession Road M/N	McArthur Sideroad	King River Road	8000	50	1%	A	75	1%	75	1%	75	1%
5060	Coopers Road	Oakridge Drive	North End	4000	49	1%	A	49	1%	49	1%	49	1%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
3154	Courtland Street	Whitney Road	0.5km N of Whitney Road	8000	900	11%	A	1000	13%	1000	13%	1100	14%
3172	Courtland Street	Caroline Street	Highway 12	8000	800	10%	A	900	11%	900	11%	1000	13%
3156	Courtland Street	0.5km N of Whitney Road	Balsam Road	8000	1000	13%	A	1100	14%	1200	15%	1300	16%
3170	Courtland Street	Balsam Road	Caroline Street	8000	650	8%	A	700	9%	800	10%	800	10%
3152	Courtland Street	Orkney Beach Road	Anderson Avenue	8000	250	3%	A	300	4%	300	4%	350	4%
3222	Courtland Street	Creighton Street	South End	8000	49	1%	A	49	1%	49	1%	49	1%
3188	Creighton Street	Balsam Road	Winchester Street	8000	1800	23%	A	1900	24%	2000	25%	2200	28%
3190	Creighton Street	Winchester Street	Highway 12	8000	1800	23%	A	1900	24%	2000	25%	2200	28%
3186	Creighton Street	Paquet Street	Balsam Road	8000	700	9%	A	800	10%	800	10%	900	11%
3184	Creighton Street	Florence Avenue	Paquet Street	8000	200	3%	A	250	3%	250	3%	250	3%
3191	Creighton Street North	Highway 12	North End	8000	50	1%	A	75	1%	75	1%	75	1%
4066	Cronk Sideroad	Fairground Road	Concession Road M/N	8000	49	1%	A	49	1%	49	1%	49	1%
2042B	Dalrymple Drive	0.35km S of Conic Road 9	South End	8000	49	1%	A	49	1%	49	1%	49	1%
2042A	Dalrymple Drive	Concession Road 9	0.35km S of Conic Road 9	8000	49	1%	A	49	1%	49	1%	49	1%
3160	Daniel Street	McNeil Street (north intersection)	Daniel Street	8000	49	1%	A	49	1%	49	1%	49	1%
3162	Daniel Street	McNeil Street (south intersection)	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4088	Davy Drive	Switch Road	North End	8000	200	3%	A	250	3%	250	3%	250	3%
4135	Dock Road	Beach Drive	West End	8000	49	1%	A	49	1%	49	1%	49	1%
4134	Dock Road	Rama Road	Beach Drive	8000	200	3%	A	250	3%	250	3%	250	3%
4034	Donald Carrick Lane	Pearl Carrick Road	0.85km E of Pearl Carrick Road	8000	49	1%	A	49	1%	49	1%	49	1%
4036	Donald Carrick Lane	0.85km E of Pearl Carrick Road	North End	8000	49	1%	A	49	1%	49	1%	49	1%
4160	Doner Drive	County Road 169	South End	8000	75	1%	A	100	1%	100	1%	100	1%
4166	East River Road	County Road 169	South End	8000	100	1%	A	125	2%	125	2%	125	2%
3056	Edgehill Road	Bonnie Beach Road	East End	8000	300	4%	A	350	4%	350	4%	400	5%
3202	Ellen Street	Wollington Street	Patricia Drive	8000	50	1%	A	75	1%	75	1%	75	1%
3204	Ellen Street	Patricia Drive	Creighton Street	8000	75	1%	A	100	1%	100	1%	100	1%
4150	Ellis Drive	Rama Road	West End	8000	75	1%	A	100	1%	100	1%	100	1%
1064	Ethel Drive	Concession Road A	South End	8000	49	1%	A	49	1%	49	1%	49	1%
4044	Fairgrounds Road	County Road 169	Brooks Sideroad	12000	400	3%	A	450	4%	500	4%	600	5%
4048A	Fairgrounds Road	Cronk Sideroad	0.5km E of Cronk Sideroad	12000	800	7%	A	900	8%	1000	8%	1200	10%
4048B	Fairgrounds Road	0.5km E of Cronk Sideroad	McArthur Sideroad	12000	800	7%	A	900	8%	1000	8%	1200	10%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
4050A	Fairgrounds Road	McArthur Sideroad	0.6km E of McArthur S/R	8000	750	9%	A	800	10%	900	11%	1000	13%
4050C	Fairgrounds Road	0.6km E of McArthur S/R	1.5km E of McArthur S/R	8000	650	8%	A	700	9%	800	10%	800	10%
4050F	Fairgrounds Road	1.5km E of McArthur S/R	Rama-Dalton Boundary Line	8000	650	8%	A	700	9%	800	10%	800	10%
4046	Fairgrounds Road	Brooks Sideroad	Cronk Sideroad	12000	900	8%	A	1000	8%	1100	9%	1400	12%
3262	Fairvalley Road	Concession Road 11	Cahill Road	8000	300	4%	A	350	4%	350	4%	400	5%
3288	Fairvalley Road	Monck Road	Mara-Rama Boundary Road	8000	49	1%	A	49	1%	49	1%	49	1%
3284	Fairvalley Road	Cahill Road	Concession Road 13	8000	350	4%	A	400	5%	400	5%	450	6%
3280	Fairvalley Road	Ramara Road 46	Concession Road 11	8000	350	4%	A	400	5%	400	5%	450	6%
3286	Fairvalley Road	Concession Road 13	Monck Road	8000	350	4%	A	400	5%	400	5%	450	6%
3256	Fawn Bay Road	Rama Road	0.2km W of Rama Road	8000	350	4%	A	400	5%	400	5%	450	6%
3258	Fawn Bay Road	0.2km W of Rama Road	South End	8000	350	4%	A	400	5%	400	5%	450	6%
3246	Fern Resort Road	Rama Road	0.6km W of Rama Road	8000	1200	15%	A	1300	16%	1400	18%	1500	19%
3248	Fern Resort Road	0.6km W of Rama Road	West End	8000	125	2%	A	150	2%	150	2%	200	3%
3038	Fernwood Lane	Bayshore Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
3162	Florence Avenue	Creighton Street	East End	8000	125	2%	A	150	2%	150	2%	200	3%
1020	Florida Avenue	Concession Road B	North End	8000	100	1%	A	125	2%	125	2%	125	2%
3126	Fountain Drive	Melrose Drive	Fountain Drive	8000	75	1%	A	100	1%	100	1%	100	1%
3130	Fountain Drive	Fountain Drive	Plum Point Road	8000	250	3%	A	300	4%	300	4%	350	4%
3131	Fountain Drive	Fountain Drive	West End	4000	49	1%	A	49	1%	49	1%	49	1%
1010	Furness Crescent	Muir Road	East End	8000	49	1%	A	49	1%	49	1%	49	1%
1030	Furniss Drive	Concession Road B	South End	8000	75	1%	A	100	1%	100	1%	100	1%
4098	George Street	Rama Road	West End	8000	49	1%	A	49	1%	49	1%	49	1%
5014	Georgina Drive	Lakeshore Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4024	Given Road	Concession Road D/E	North End	8000	49	1%	A	49	1%	49	1%	49	1%
1128	Gladstone Street	Highway 12	Church Street	8000	125	2%	A	150	2%	150	2%	200	3%
3092	Glen Cedar Drive	McRae Park Road	0.8km N of McRae Park Road	8000	250	3%	A	300	4%	300	4%	350	4%
3094	Glen Cedar Drive	0.8km N of McRae Park Road	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4142A	Glen Ellen Drive	Boach Drive	Rama Road	8000	250	3%	A	300	4%	300	4%	350	4%
4142B	Glen Ellen Drive	Glen Ellen Drive	North End	8000	75	1%	A	100	1%	100	1%	100	1%
3108	Glencoe Beach Road	McRae Park Road	North End	8000	100	1%	A	125	2%	125	2%	125	2%
3016A	Glenrest Drive	Amelia Drive	John Street	8000	300	4%	A	350	4%	350	4%	400	5%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
3010B	Glenrest Drive	John Street	Barnstable Drive	8000	250	3%	A	300	4%	300	4%	350	4%
9999	Graham Sideroad	Rama Road	West End	8000	49	1%	A	49	1%	49	1%	49	1%
5010	Herrigan Drive	Ramara Road 47	Concession Road 3	8000	300	4%	A	350	4%	350	4%	400	5%
3060	Harris Lane	Edgehill Road	South End	8000	75	1%	A	100	1%	100	1%	100	1%
3166	Henry Street	Caroline Street	Highway 12	8000	75	1%	A	100	1%	100	1%	100	1%
3096	Hilltop Road	Lakeview Drive	McRae Park Road	8000	125	2%	A	150	2%	150	2%	200	3%
5018	Holiday Road	Lakeshore Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4094	Hopkins Bay Road	Rama Road	West End	8000	75	1%	A	100	1%	100	1%	100	1%
4168	Island Crescent	East River Road	East End	8000	49	1%	A	49	1%	49	1%	49	1%
4184	James Street	County Road 169	North End	8000	49	1%	A	49	1%	49	1%	49	1%
5014	John Street	Glenrest Drive	Concession Road 7	8000	150	2%	A	200	3%	200	3%	200	3%
3090	Joyce Avenue	McRae Park Road	North End	8000	49	1%	A	49	1%	49	1%	49	1%
3104	Joyland Drive	McRae Park Road	South End	8000	75	1%	A	100	1%	100	1%	100	1%
4060	Kings River Road	2.0km E of McArthur Sideroad	Coopers Falls Road	8000	50	1%	A	75	1%	75	1%	75	1%
5002	Kurtis Drive	Balsam Road	South End	8000	250	3%	A	300	4%	300	4%	350	4%
1170	Laguna Parkway	Simcoe Road	Poplar Crescent	8000	750	9%	A	800	10%	900	11%	1000	13%
1172	Laguna Parkway	Poplar Crescent	Paradise Boulevard	8000	450	6%	A	500	6%	500	6%	550	7%
4070	Laidlaw Avenue	Coopers Falls Road	South End	4000	75	2%	A	100	3%	100	3%	100	3%
1148	Lake Avenue	Simcoe Road	Ridge Avenue	8000	800	10%	A	900	11%	900	11%	1000	13%
1150A	Lake Avenue	Ridge Avenue	Beaver Trail	8000	550	7%	A	600	8%	700	9%	700	9%
1150B	Lake Avenue	Poplar Crescent	Beaver Trail	8000	450	6%	A	500	6%	500	6%	550	7%
1144	Lake Avenue	Lake Avenue	Ridge Avenue	8000	50	1%	A	75	1%	75	1%	75	1%
1066	Lakeshore Drive	Concession Road A	Concession Road 1	8000	300	4%	A	350	4%	350	4%	400	5%
1080	Lakeshore Drive	Concession Road 1	Concession Road 2	8000	70	1%	A	75	1%	100	1%	100	1%
1098	Lakeshore Drive	Concession Road 2	0.9km N of Conc Road 2	8000	80	1%	A	100	1%	100	1%	100	1%
1114A	Lakeshore Drive	Concession Road 3	0.5km S of Simcoe Road	8000	300	4%	A	350	4%	350	4%	400	5%
1114B	Lakeshore Drive	0.5km S of Simcoe Road	Simcoe Road	8000	300	4%	A	350	4%	350	4%	400	5%
1100	Lakeshore Drive	0.9km N of Conc Road 2	Concession Road 3	8000	200	3%	A	250	3%	250	3%	250	3%
3102	Lakeview Drive	East End	Parkside Drive	8000	150	2%	A	200	3%	200	3%	200	3%
3098	Lakeview Drive	Parkside Drive	Hilltop Road	8000	75	1%	A	100	1%	100	1%	100	1%
3032	Lantern Court	Bayshore Drive	North End	8000	50	1%	A	75	1%	75	1%	75	1%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
3036	Lavender Court	Bayshore Drive	South End	8000	49	1%	A	49	1%	49	1%	49	1%
3120	Lawton Lane	Plum Point Road	West End	8000	75	1%	A	100	1%	100	1%	100	1%
3062	Leo Crescent	Edgohill Road	South End	8000	75	1%	A	100	1%	100	1%	100	1%
4074	Line 2	Smith Sideroad	County Road 169	8000	75	1%	A	100	1%	100	1%	100	1%
4076	Line 3	County Road 169	1.8km W of County Road 169	8000	50	1%	A	75	1%	75	1%	75	1%
4078	Line 3	1.8km W of County Road 169	North End	4000	50	1%	A	75	2%	75	2%	75	2%
4080A	Line 5	County Road 169	McMillan Sideroad	8000	50	1%	A	75	1%	75	1%	75	1%
1120	Lone Birch Trail	Simcoe Road	Maple Trail	8000	200	3%	A	250	3%	250	3%	250	3%
1122	Lone Birch Trail	Maple Trail	West End	8000	150	2%	A	200	3%	200	3%	200	3%
4118	Longfordmills Road	Rama Road	0.8km E of Rama Road	8000	200	3%	A	250	3%	250	3%	250	3%
4120	Longfordmills Road	0.8km E of Rama Road	East End	4000	49	1%	A	49	1%	49	1%	49	1%
3006	Louis Lane	Amelia Drive	Concession Road 7	8000	150	2%	A	200	3%	200	3%	200	3%
4004	Lowanda Lane	Monck Road	South End	8000	49	1%	A	49	1%	49	1%	49	1%
4126	Maple Avenue	Rama Road	West End	8000	150	2%	A	200	3%	200	3%	200	3%
3034	Maple Gate	Sandlewood Trail	Bayshore Drive	8000	150	2%	A	200	3%	200	3%	200	3%
1118	Maple Trail	Lakeshore Drive	Lone Birch Trail	8000	200	3%	A	250	3%	250	3%	250	3%
2110	Mara-Carden Boundary Road	0.9km N of Black Beach Lane	1.1km N of Black Beach Lane	8000	150	2%	A	200	3%	200	3%	200	3%
1197	Mara-Carden Boundary Road	0.7km S of County Road 47	2.7km S of County Road 47	8000	300	4%	A	350	4%	350	4%	400	5%
1196	Mara-Carden Boundary Road	County Road 47	0.7km S of County Road 47	8000	300	4%	A	350	4%	350	4%	400	5%
1190	Mara-Eldon Boundary Road	Concession Road 1	Concession Road 1	8000	300	4%	A	350	4%	350	4%	400	5%
1194	Mara-Eldon Boundary Road	Concession Road 1	Concession Road 2	4000	49	1%	A	49	1%	49	1%	49	1%
2076	Mara-Rama Boundary Road	Rama Dalton Boundary Road	West End	4000	49	1%	A	49	1%	49	1%	49	1%
2072	Mara-Rama Boundary Road	County Road 169	West End	4000	49	1%	A	49	1%	49	1%	49	1%
2074	Mara-Rama Boundary Road	County Road 169	East End	4000	49	1%	A	49	1%	49	1%	49	1%
3264	Mara-Rama Boundary Road	West End	Fairvalley Road	4000	49	1%	A	49	1%	49	1%	49	1%
3266	Mara-Rama Boundary Road	Fairvalley Road	Smith Sideroad	4000	49	1%	A	49	1%	49	1%	49	1%
5052	Margaret Orr Blvd	Concession Road 12	South End	8000	100	1%	A	125	2%	125	2%	125	2%
4052	Martinelli Road	Fairgrounds Road	South End	8000	49	1%	A	49	1%	49	1%	49	1%
1132	Mary Street	Ramara Road 47	O'Neill Street	8000	125	2%	A	150	2%	150	2%	200	3%
4062	McArthur Sideroad	Fairground Road	Concession Road M/N	12000	350	3%	A	400	3%	450	4%	550	5%
4064A	McArthur Sideroad	Concession Road M/N	0.25km S of Cooper Falls Road	12000	300	3%	A	350	3%	400	3%	450	4%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
4064B	McArthur Sideroad	0.25km S of Coopers Falls Road	Coopers Falls Road	12000	350	3%	A	400	3%	450	4%	550	5%
4080B	McMillan Sideroad	Line 5	Switch Road	8000	70	1%	A	75	1%	100	1%	100	1%
3158	McNeil Street	Highway 12	South End	8000	125	2%	A	150	2%	150	2%	200	3%
4164	McNiece Crescent	County Road 169	South River Road	8000	49	1%	A	49	1%	49	1%	49	1%
3062	McRae Park Road	Glencoe Beach Road	Woodland Drive	8000	1000	13%	A	1100	14%	1200	15%	1300	16%
3080	McRae Park Road	Muley Point Road	Glencoe Beach Road	8000	1100	14%	A	1200	15%	1300	16%	1400	18%
3084	McRae Park Road	Woodland Drive	Hilltop Road	8000	750	9%	A	800	10%	900	11%	1000	13%
1036	Meadow Crest Lane	Suntrac Drive	South End	8000	49	1%	A	49	1%	49	1%	49	1%
1040	Meadowlark Court	Suntrac Drive	North End	8000	49	1%	A	49	1%	49	1%	49	1%
3040	Misty Court	Bayshore Drive	North End	8000	49	1%	A	49	1%	49	1%	49	1%
3072	Muley Point Road	Barnstable Drive	Ross Road	12000	2000	17%	A	2300	19%	2500	21%	3000	25%
3074B	Muley Point Road	Melrose Drive	Highway 12	12000	3000	25%	A	3400	28%	3700	31%	4500	38%
3074A	Muley Point Road	Ross Road	Melrose Drive	12000	3000	25%	A	3400	28%	3700	31%	4500	38%
3048A	Muley Point Road	Muley Point Road	Bonnie Beach Road	8000	700	9%	A	800	10%	800	10%	900	11%
3049	Muley Point Road	Sideroad 25	West End	8000	150	2%	A	200	3%	200	3%	200	3%
3048B	Muley Point Road	Bonnie Beach Road	Sideroad 25	8000	150	2%	A	200	3%	200	3%	200	3%
4156	Oak Point Road	County Bridge	South End	8000	250	3%	A	300	4%	300	4%	350	4%
5062	Oakland Beach Road	Rama Road	0.45km W of Rama Road	4000	125	3%	A	150	4%	150	4%	200	5%
4186	Oakridge Drive	County Road 169	Pineridge Road	8000	400	5%	A	450	6%	450	6%	500	6%
4190	Oakridge Drive	Pineridge Road	North End	8000	125	2%	A	150	2%	150	2%	200	3%
3216	Ogden Street	Creighton Street	Queen Street	8000	50	1%	A	75	1%	75	1%	75	1%
3218	Ogden Street	Queen Street	West End	8000	49	1%	A	49	1%	49	1%	49	1%
4192	Grist Mill Road	County Road 169	North End	8000	49	1%	A	49	1%	49	1%	49	1%
1166	Old Indian Trail	West End	Pine Tree Court	8000	150	2%	A	200	3%	200	3%	200	3%
1164	Old Indian Trail	Pine Tree Court	East End	8000	150	2%	A	200	3%	200	3%	200	3%
4002	Old Udney Sideroad	Monck Road	South End	8000	49	1%	A	49	1%	49	1%	49	1%
1134	O'Neill Street	Highway 12	West End	8000	125	2%	A	150	2%	150	2%	200	3%
3136	Orkney Beach Road	East End	Orkney Heights	8000	125	2%	A	150	2%	150	2%	200	3%
3138	Orkney Beach Road	Orkney Heights	0.5km W of Orkney Heights	8000	400	5%	A	450	6%	450	6%	500	6%
3140	Orkney Beach Road	Orkney Beach Road	North End	8000	49	1%	A	49	1%	49	1%	49	1%
3142	Orkney Beach Road	0.5km W of Orkney Heights	1.4km W of Orkney Heights	8000	350	4%	A	400	5%	400	5%	450	6%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
3144	Orkney Beach Road	1.4km W of Orkney Heights	Courtland Street	8000	300	4%	A	350	4%	350	4%	400	5%
3134	Orkney Heights	Highway 12	Orkney Beach Road	8000	700	9%	A	800	10%	800	10%	900	11%
3198	Paget Street	Creighton Street	Patricia Drive	8000	50	1%	A	75	1%	75	1%	75	1%
3200	Paget Street	Patricia Drive	Wellington Street	8000	50	1%	A	75	1%	75	1%	75	1%
1174	Paradise Boulevard	Laguna Parkway	West End	8000	800	10%	A	900	11%	900	11%	1000	13%
3026	Park Lane	Bayshore Drive	West End	8000	150	2%	A	200	3%	200	3%	200	3%
4180	Park Lane Crescent	Riverleigh Drive	Riverleigh Drive	8000	300	4%	A	350	4%	350	4%	400	5%
3100	Parkside Drive	Lakeview Drive	McRae Park Road	8000	250	3%	A	300	4%	300	4%	350	4%
3176	Patricia Drive	Paget Street	Balsam Road	8000	250	3%	A	300	4%	300	4%	350	4%
3178	Patricia Drive	Balsam Road	Winchester Street	8000	250	3%	A	300	4%	300	4%	350	4%
3180	Patricia Drive	Winchester Street	Courtland Street	8000	350	4%	A	400	5%	400	5%	450	6%
4032	Pearl Carrick Road	Concession Road B/C	North End	8000	49	1%	A	49	1%	49	1%	49	1%
1136	Perry Avenue	Concession Road 4	North End	8000	150	2%	A	200	3%	200	3%	200	3%
3012	Peter Street	Glennest Drive	Concession Road 7	8000	150	2%	A	200	3%	200	3%	200	3%
4168	Pineridge Road	Oakridge Drive	South End	8000	100	1%	A	125	2%	125	2%	125	2%
1162	Pinetree Court	Poplar Crescent	Old Indian Trail	8000	300	4%	A	350	4%	350	4%	400	5%
1160	Pinetree Court	South End	Poplar Crescent	8000	100	1%	A	125	2%	125	2%	125	2%
3116	Plum Point Road	River Road	Melrose Drive	8000	600	8%	A	700	9%	700	9%	800	10%
3118	Plum Point Road	Melrose Drive	Highway 12	8000	650	8%	A	600	8%	700	9%	700	9%
5064	Plum Point Road	West End	River Road	8000	250	3%	A	300	4%	300	4%	350	4%
1152	Poplar Crescent	Laguna Parkway	West End	8000	450	6%	A	500	6%	500	6%	550	7%
4162	Poplar Lane	Park Lane Crescent	North End	8000	75	1%	A	100	1%	100	1%	100	1%
4128	Portage Bay Road	Rama Road	West End	8000	250	3%	A	300	4%	300	4%	350	4%
5000	Prophet Park Crescent	Orkney Beach Road	Orkney Beach Road	8000	75	1%	A	100	1%	100	1%	100	1%
3250	Prospect Avenue	Fern Resort Road	South End	8000	75	1%	A	100	1%	100	1%	100	1%
4124	Quarry Point Road	Rama Road	West End	8000	150	2%	A	200	3%	200	3%	200	3%
3196	Queen Street	Highway 12	Odgen Street	8000	200	3%	A	250	3%	250	3%	250	3%
3194	Queen Street	Odgen Street	South End	8000	49	1%	A	49	1%	49	1%	49	1%
4008B	Rama Dalton Boundary Road	600m N of Concession B/C	Concession Road D/E	8000	550	7%	A	600	8%	700	9%	700	9%
5048	Rama Dalton Boundary Road	Fairgrounds Road	1.0km S of Fairgrounds Road	8000	300	4%	A	350	4%	350	4%	400	5%
4006	Rama-Dalton Boundary Road	Monck Road	Concession Road B/C	8000	550	7%	A	600	8%	700	9%	700	9%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
4008	Rama-Dalton Boundary Road	Concession Road B/C	600m N of Concession B/C	8000	550	7%	A	600	8%	700	9%	700	9%
4009	Rema-Dalton Boundary Road	Concession Road D/E	1.0km N of Concession Road D/E	8000	550	7%	A	600	8%	700	9%	700	9%
5008	Ramara Road 46	Sideroad 15	County Road 169	12000	1800	15%	A	2000	17%	2200	18%	2700	23%
5006	Ramara Road 46	Highway 12	Sideroad 15	12000	1600	13%	A	1800	15%	2000	17%	2400	20%
5020B	Ramara Road 47	Trent Canal Bridge	Stone Gate Road	12000	600	5%	A	700	6%	800	7%	900	8%
5022B	Ramara Road 47	Stone Gate Road	Stephen Drive	12000	600	5%	A	700	6%	800	7%	900	8%
5022A	Ramara Road 47	Stephen Drive	Concession Road A	12000	600	5%	A	700	6%	800	7%	900	8%
5024	Ramara Road 47	Concession Road A	Concession Road 1	12000	600	5%	A	700	6%	800	7%	900	8%
5026	Ramara Road 47	Concession Road 1	Concession Road 2	12000	700	6%	A	800	7%	900	8%	1100	9%
5028	Ramara Road 47	Concession Road 2	Concession Road 3	12000	600	5%	A	700	6%	800	7%	900	8%
5030	Ramara Road 47	Concession Road 3	Simcoe Road	12000	450	4%	A	500	4%	550	5%	700	6%
5032	Ramara Road 47	Simcoe Road	Railway Crossing	12000	2200	18%	A	2500	21%	2700	23%	3300	28%
5034	Ramara Road 47	Railway Crossing	Highway 12	12000	2200	18%	A	2500	21%	2700	23%	3300	28%
5026A	Ramara Road 47	Talbot River Bridge	Trent Canal Bridge	12000	600	5%	A	700	6%	800	7%	900	8%
5036	Ramara Road 51	Highway 12	Talbot River	8000	350	4%	A	400	5%	400	5%	450	6%
1140	Ridge Avenue	Lake Avenue	0.2km E of Lake Avenue	8000	125	2%	A	150	2%	150	2%	200	3%
1138	Ridge Avenue	0.2km W of Lake Avenue	Lake Avenue	8000	75	1%	A	100	1%	100	1%	100	1%
1142	Ridge Avenue	0.2km E of Lake Avenue	0.3km E of Lake Avenue	8000	49	1%	A	49	1%	49	1%	49	1%
5114	River Road	Plum Point Road	East End	8000	125	2%	A	150	2%	150	2%	200	3%
4178	Riverleigh Drive	County Road 169	Poplar Lane	8000	400	5%	A	450	6%	450	6%	500	6%
3030	Sandlewood Trail	Bayshore Drive	Bayshore Drive	8000	150	2%	A	200	3%	200	3%	200	3%
4132	Shadycourt Road	Southwood Beach Boulevard	South End	8000	49	1%	A	49	1%	49	1%	49	1%
4110	Sheba Drive	Airport Road	Bluebird Street	8000	75	1%	A	100	1%	100	1%	100	1%
2096	Sideroad 10	County Road 169	Concession Road 7	4000	49	1%	A	49	1%	49	1%	49	1%
2100	Sideroad 10	County Road 169	Mara-Rama Boundary	4000	49	1%	A	49	1%	49	1%	49	1%
2098	Sideroad 10	Concession Road 7	County Road 169	8000	49	1%	A	49	1%	49	1%	49	1%
1014	Muir Road	South End	Furniss Crescent	8000	49	1%	A	49	1%	49	1%	49	1%
1016	Muir Road	Furniss Crescent	Concession Road B	8000	150	2%	A	200	3%	200	3%	200	3%
2084	Sideroad 15	Concession Road 9	Highway 12	8000	50	1%	A	75	1%	75	1%	75	1%
2086	Sideroad 15	Highway 12	Concession Road 10	8000	75	1%	A	100	1%	100	1%	100	1%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
2088	Sideroad 15	Concession Road 10	Ramara Road 46	8000	75	1%	A	100	1%	100	1%	100	1%
2090	Sideroad 15	Ramara Road 46	Cahill Road	8000	100	1%	A	125	2%	125	2%	125	2%
2092	Sideroad 15	Cahill Road	Concession Road 13	8000	75	1%	A	100	1%	100	1%	100	1%
2094	Sideroad 15	Concession Road 13	Monck Road	8000	75	1%	A	100	1%	100	1%	100	1%
1032	Muir Road	Concession Road 8	Concession Road A	8000	125	2%	A	150	2%	150	2%	200	3%
2080	Sideroad 15	Concession Road 7	Concession Road 8	8000	50	1%	A	75	1%	75	1%	75	1%
2078	Sideroad 15	South End	Concession Road 7	4000	100	3%	A	125	3%	125	3%	125	3%
2082	Sideroad 15	Concession Road 8	Concession Road 9	8000	50	1%	A	75	1%	75	1%	75	1%
3044	Darnstable Drive	Concession Road 7	Four Jay Way	12000	1300	11%	A	1600	13%	1600	13%	2000	17%
3042	Barnstable Drive	Glenrest Drive	Concession Road 7	8000	1400	18%	A	1500	19%	1600	20%	1800	23%
3276	Sideroad 20	Concession Road 11	Highway 12	8000	150	2%	A	200	3%	200	3%	200	3%
3278	Sideroad 20	Monck Road	Concession Road 11	8000	150	2%	A	200	3%	200	3%	200	3%
3076	Sideroad 20	Highway 12	Ross Road	8000	75	1%	A	100	1%	100	1%	100	1%
3078	Sideroad 20	Ross Road	South End	8000	49	1%	A	49	1%	49	1%	49	1%
3270B	Sideroad 25	0.1km N of Concession Road 11	Concession Road 12	8000	200	3%	A	250	3%	250	3%	250	3%
3272	Sideroad 25	Concession Road 12	Monck Road	8000	200	3%	A	250	3%	250	3%	250	3%
3268	Sideroad 25	Highway 12	Concession Road 11	8000	200	3%	A	250	3%	250	3%	250	3%
3270A	Sideroad 25	Concession Road 11	0.1km N of Concession Road 11	8000	200	3%	A	250	3%	250	3%	250	3%
3050	Sideroad 25	Muley Point Road	Bonnie Beach Road	4000	49	1%	A	49	1%	49	1%	49	1%
1184	Sideroad 5	Concession Road 1	Concession Road 2	8000	125	2%	A	150	2%	150	2%	200	3%
1186	Sideroad 5	Concession Road 2	Concession Road 3	8000	125	2%	A	150	2%	150	2%	200	3%
1188	Sideroad 5	Concession Road 3	County Road 47	8000	125	2%	A	150	2%	150	2%	200	3%
1182	Sideroad 5	Canal Road	Concession Road 1	8000	100	1%	A	125	2%	125	2%	125	2%
2104	Sideroad 5	County Road 46	Mundy's Lane	8000	50	1%	A	75	1%	75	1%	75	1%
1190	Sideroad 5	Ramara Road 47	Concession Road 5	8000	50	1%	A	75	1%	75	1%	75	1%
2102	Sideroad 5	Concession Road 10	County Road 46	8000	125	2%	A	150	2%	150	2%	200	3%
4068	Sideroad 5/6	Concession Road M/N	Coopers Falls Road	4000	49	1%	A	49	1%	49	1%	49	1%
4028	Sideroad 5/6	Concession Road B/C	1.1km N of Conc Road B/C	8000	50	1%	A	75	1%	75	1%	75	1%
4030	Sideroad 5/6	1.1km N of Conc Road B/C	Concession Road D/E	4000	50	1%	A	75	2%	75	2%	75	2%
1124A	Simcoe Road	Ramara Road 47	1.3km W of Ramara Road 47	12000	2000	17%	A	2300	19%	2500	21%	3000	25%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
1124B	Simcoe Road	1.3km W of Ramara Road 47	West End	12000	2000	17%	A	2300	19%	2500	21%	3000	25%
4158	Singing Pines Road	County Road 169	Rama Road	8000	49	1%	A	49	1%	49	1%	49	1%
4072	Smith Sideroad	Monck Road	Line 2	8000	50	1%	A	75	1%	75	1%	75	1%
4154	Somerset Drive	Rama Road	West End	8000	49	1%	A	49	1%	49	1%	49	1%
1168	South Island Trail	Laguna Parkway	West End	8000	200	3%	A	250	3%	250	3%	250	3%
4162	South River Road	County Road 169	South End	8000	50	1%	A	75	1%	75	1%	75	1%
3016	Southview Drive	Barnstable Drive	West End	8000	250	3%	A	300	4%	300	4%	350	4%
4130	Southwood Beach Boulevard	Rama Road	East End	8000	125	2%	A	150	2%	150	2%	200	3%
1010	Gpy Glass Point Road	Concession Road D	South End	0000	75	1%	A	100	1%	100	1%	100	1%
2038	Stephanie Drive	Concession Road 9	Carol Ann Avenue	8000	75	1%	A	100	1%	100	1%	100	1%
1006	Stephen Drive	Ramara Road 47	0.4km W of Ramara Road 47	8000	200	3%	A	250	3%	250	3%	250	3%
1008	Stephen Drive	0.4km W of Ramara Road 47	Stephen Drive	8000	75	1%	A	100	1%	100	1%	100	1%
1004	Stone Gate Road	Ramara Road 47	West End	8000	100	1%	A	125	2%	125	2%	125	2%
1038	Sunnydale Lane	Suntrac Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
2020	Sunrise Drive	Sylvan Glen Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
1034	Suntrac Drive	Muir Road	Muir Road	8000	150	2%	A	200	3%	200	3%	200	3%
4082A	Switch Road	County Road 169	McMillan Sideroad	8000	550	7%	A	600	8%	700	9%	700	9%
4082B	Switch Road	McMillan Sideroad	Davy Drive	8000	500	6%	A	550	7%	600	8%	650	8%
4084	Switch Road	Davy Drive	0.6km W of Davy Drive	8000	500	6%	A	550	7%	600	8%	650	8%
4086B	Switch Road	0.6km W of Davy Drive	0.4km E of Rama Road	8000	500	6%	A	550	7%	600	8%	650	8%
4096A	Switch Road	0.4km E of Rama Road	Rama Road	8000	500	6%	A	550	7%	600	8%	650	8%
2022	Sylvan Glen Drive	Mara-Carden Boundary Road	West End	8000	150	2%	A	200	3%	200	3%	200	3%
3028	Thicketwood Place	Bayshore Drive	West End	8000	250	3%	A	300	4%	300	4%	350	4%
3192	Tivnon Lane	Winchester Road	North End	4000	50	1%	A	75	2%	75	2%	75	2%
3058	Tuppy Drive	Edgehill Road	South End	8000	50	1%	A	75	1%	75	1%	75	1%
1156	Turtle Path	Poplar Crescent	0.3km S of Poplar Crescent	8000	350	4%	A	400	5%	400	5%	450	6%
1158	Turtle Path	0.3km S of Poplar Crescent	Poplar Crescent	8000	350	4%	A	400	5%	400	5%	450	6%
5016	Warren Road	Lakefront Drive	East End	8000	49	1%	A	49	1%	49	1%	49	1%
3174	Wellington Street	Paget Street	Ellen Street	8000	75	1%	A	100	1%	100	1%	100	1%
3206	Wellington Street	Ellen Street	Patricia Drive	8000	75	1%	A	100	1%	100	1%	100	1%

Ramara Road Needs Study 2025

Traffic Volumes

Road Section Identification				Traffic Details									
Asset ID	Road Name	From	To	Capacity (vpd)	2025 Horizon			2030 Horizon		2035 Horizon		2045 Horizon	
					Daily Volume	Volume to Capacity	Level of Service	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity	Daily Volume	Volume to Capacity
4176	West River Road	Simcoe Road 169	North End	8000	125	2%	A	150	2%	150	2%	200	3%
4172	Whelan Way	East River Road	West End	8000	49	1%	A	49	1%	49	1%	49	1%
3132	William Street	Fountain Drive	North End	8000	49	1%	A	49	1%	49	1%	49	1%
1154	Willow Crescent	Poplar Crescent	South End	8000	200	3%	A	250	3%	250	3%	250	3%
3214	Winchester Street	Creighton Street	Patricia Drive	8000	75	1%	A	100	1%	100	1%	100	1%
3212	Winchester Street	Tivnon Lane	Creighton Street	8000	75	1%	A	100	1%	100	1%	100	1%
3106	Woodland Drive	McRae Park Road	South End	8000	125	2%	A	150	2%	150	2%	200	3%
5050	Zachary Crescent	Kurtis Drive	Kurtis Drive	8000	125	2%	A	150	2%	150	2%	200	3%

Appendix C: Road Inventory

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification						Cross-Section Details												
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)	2025 AADT	PCI	
4308	Airport Road	High Sideroad	Bluebird Street	2.2	open ditch	rural	local	5	2	9	asphalt	9	gravel	1	80	350	77	
4300	Airport Road	Rama Road	West End	0.2	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	40	50	92	
4026	Allen Carick Road	Concession Road 6/C	South End	0.9	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	80	49	87	
30003	Amelia Drive	Louis Lane	East End	1.3	no ditch	semi-urban	local	6	2	9	surface treated	7	gravel	0.8	40	200	59	
30004	Amelia Drive	Edmund Lane	Local Lane	0.7	no ditch	semi-urban	local	6	2	6	surface treated	5	earth	0.5	40	250	90	
1150	Anderson Avenue	Courtland Street	1.0km E of Courtland Street	1.0	no ditch	semi-urban	local	6	2	9	asphalt	7	earth	0.4	40	200	90	
3148	Anderson Avenue	1.0km E of Courtland Street	East End	0.2	open ditch	semi-urban	local	6	2	6	asphalt	7	gravel	0.4	40	49	74	
4170	Ash Crescent	Island Crescent	South End	0.1	open ditch	semi-urban	local	6	2	6	surface treated	7	gravel	0.5	40	49	74	
4140	Ash Drive	Glen Ellen Drive	Bedford Lane	0.1	no ditch	rural	local	6	2	6	gravel	7	gravel	0.5	40	49	100	
3709	Bailem Road	Creighton Street	Patricia Drive	0.2	storm sewer	semi-urban	local	6	2	10	asphalt	8	gravel	1.0	40	1100	82	
3713	Bailem Road	Patricia Drive	Courtland Street	0.5	open ditch	semi-urban	local	5	2	8	asphalt	7	gravel	0.7	50	1000	70	
1164	Bailem Road	Highway 12	Courtland Street	0.7	open ditch	rural	local	5	2	9	asphalt	7	gravel	1.0	50	100	71	
3018	Bayshore Drive	Barnstable Drive	1.3km W of Barnstable Drive	1.1	open ditch	semi-urban	local	5	2	9	asphalt	7	gravel	1.2	50	1600	89	
3020	Bayshore Drive	1.3km W of Barnstable Drive	C/W to Thickwood Place	1.6	open ditch	semi-urban	local	6	2	9	asphalt	7	earth	1.2	40	600	88	
3988	Bayshore Drive	1.3km W of Barnstable Drive	London Road	8.8	open ditch	semi-urban	local	6	2	9	asphalt	7	earth	0.9	40	1000	85	
3021	Bayshore Drive	Lantern Court	Thickwood Place	0.3	open ditch	semi-urban	local	6	2	9	asphalt	7	gravel	0.9	40	400	95	
3088	Bayview Avenue	Bayview Avenue	0.6km N/E of McRae Park Road	0.5	no ditch	semi-urban	local	6	2	6	gravel	5	gravel	0.5	50	50	83	
1090	Bayview Avenue	McRae Park Road	0.7km N of McRae Park Road	0.7	no ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.0	50	150	72	
1012	Edley Green Drive	Muir Road	West End	0.5	no ditch	semi-urban	local	6	2	5	gravel	4	gravel	0.5	40	100	84	
4140	Beach Drive	Dock Road	0.6km N of Dock Road	0.6	open ditch	semi-urban	local	6	2	6	surface treated	5	gravel	0.5	40	250	84	
4138	Beach Drive	Dock Road	South End	0.6	no ditch	semi-urban	local	6	2	5	surface treated	6	gravel	0.5	40	125	85	
1146	Beaver Trail	Lake Avenue	East End	0.4	no ditch	semi-urban	local	6	2	11	asphalt	7	gravel	2.0	40	125	88	
4144	Bedford Lane	Glen Ellen Drive	East End	0.2	no ditch	semi-urban	local	4	2	7	gravel	6	gravel	0.8	40	49	86	
4174	Birch Drive	Farquhar Road	North End	1.4	no ditch	semi-urban	local	6	2	9	surface treated	7	gravel	1.0	40	250	84	
4114	Bluebird Street	Airport Road	East End	0.9	open ditch	semi-urban	local	6	2	9	asphalt	6	gravel	1.3	40	350	69	
4112	Bluebird Street	Sheba Drive	Airport Road	0.6	open ditch	semi-urban	local	6	2	6	gravel	5	gravel	0.5	80	125	91	
3054A	Burnie Beach Road	Edgiphill Road	0.2km S of Edgiphill Road	0.3	open ditch	rural	local	6	2	6	asphalt	7	gravel	0.5	40	200	88	
3054B	Burnie Beach Road	Mulvey Point Road	Edgiphill Road	0.3	open ditch	rural	local	6	2	6	asphalt	6	gravel	0.8	80	300	87	
3052	Burnie Beach Road	Sideroad 25	0.6km W of Sideroad 25	0.6	open ditch	semi-urban	local	4	2	6	gravel	5	gravel	0.5	40	250	79	
3200	Bridge Street	Queen Street	West End	0.1	storm sewer	semi-urban	local	6	2	13	asphalt	10	asphalt	1.5	40	125	94	
4042	Brook Sideroad	County Road 400	Farquhar Road	0.9	open ditch	rural	local	4	2	9	surface treated	6	gravel	0.5	80	400	80	
5039	Canal Road	Township Boundary	Sideroad 5	0.2	open ditch	rural	local	5	2	12	asphalt	7	gravel	2.3	50	300	100	
5038	Canal Road	Sideroad 5	0.7km E of Sideroad 5	0.7	open ditch	rural	local	5	2	12	asphalt	7	gravel	2.8	80	250	100	
1060	Canal Road	0.7km E of Sideroad 5	1.4km E of Sideroad 5	0.7	open ditch	rural	local	5	2	9	asphalt	7	gravel	0.9	60	250	100	
1062	Canal Road	1.4km E of Sideroad 5	2.8km E of Sideroad 5	1.3	open ditch	rural	local	5	2	9	asphalt	6	gravel	0.5	60	250	100	
1064	Canal Road	2.8km E of Sideroad 5	Mary-Ellen Boundary	0.6	open ditch	rural	local	5	2	9	asphalt	6	gravel	0.5	60	250	100	
1061	Canal Road	Canal Road	County Bridge	0.2	open ditch	rural	local	5	2	9	asphalt	7	gravel	0.9	60	250	100	
2040	Carol Ann Avenue	Stephane Drive	West End	0.2	open ditch	semi-urban	local	6	1	3	gravel	2	gravel	0.5	40	75	86	
3168	Caroline Street	Courtland Street	Henry Street	0.3	open ditch	semi-urban	local	6	2	7	surface treated	6	earth	0.5	40	75	70	
4152	Charles Lane Road	Pile Drive	North End	0.1	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	40	49	87	
4122	Church Street	Longformiths Road	North End	0.6	no ditch	rural	local	6	2	5	gravel	4	gravel	0.5	50	49	77	
1130	Church Street	Concession Road 4	South End	0.3	open ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.3	40	100	70	
1070	Concession Road 1	West End	Lakeshore Drive	0.1	open ditch	rural	local	6	1	2	earth	1	gravel	0.5	80	49		
1074	Concession Road 1	Ramara Road 47	Highway 12	2.5	open ditch	rural	local	6	1	5	earth	4	earth	0.5	80	49		
1076	Concession Road 1	Highway 12	Sideroad 5	3.1	open ditch	rural	local	4	2	8	gravel	7	gravel	0.5	80	150	95	

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification				Cross-section Details													
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)	2025 AADT	PCI
1076	Concession Road 1	Sideroad 5	Mars Eddon boundary	3.2	open ditch	rural	local	4	2	6	gravel	7	gravel	0.5	80	250	90
1112	Concession Road 1	Lakeshore Drive	Ramara Road 47	0.8	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	80	230	88
1110	Fagan Lane	East End	Mulky Point Road	0.4	open ditch	rural	local	6	2	5	gravel	5	gravel	0.3	50	49	85
11129	Melrose Drive	0.8km W of Mulky Point Road	Pum Point Road	0.5	open ditch	rural	local	5	2	10	asphalt	7	gravel	1.3	50	450	84
1122	Melrose Drive	Pum Point Road	Turkain Drive	0.3	open ditch	rural	local	6	2	6	gravel	7	gravel	0.5	50	75	85
1128	Melrose Drive	County Road 169	West End	0.3	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	50	49	83
2048	Concession Road 10	County Road 169	0.5km E of County Road 169	0.5	no ditch	semi-urban	local	6	2	6	asphalt	7	gravel	1.0	50	150	85
20503	Concession Road 10	0.5km E of County Road 169	1.0km E of County Road 169	0.5	open ditch	rural	local	6	2	6	gravel	6	gravel	0.5	50	150	85
20504	Concession Road 10	1.0km E of County Road 169	Sideroad 5	2.1	open ditch	rural	local	4	2	9	gravel	8	gravel	0.5	60	150	85
2052	Concession Road 10	Sideroad 5	East End	1.6	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	80	49	84
1146	Whitney Road	County Road 169	West End Lake	0.4	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	50	49	78
1224	Concession Road 10	Highway 12	Sideroad 15	1.7	open ditch	rural	local	4	2	10	asphalt	7	gravel	1.5	80	750	82
2044	Concession Road 10	Sideroad 15	2.6km E of Sideroad 15	2.6	open ditch	rural	local	4	2	9	asphalt	7	gravel	1.0	60	400	72
2046	Concession Road 10	2.6km E of Sideroad 15	County Road 169	0.6	open ditch	semi-urban	local	5	2	9	asphalt	7	gravel	1.0	50	480	75
1116A	Melrose Drive	Mulky Point Road	0.8km W of Mulky Point Road	0.8	open ditch	rural	local	6	2	6	surface treated	6	gravel	0.5	60	494	85
1225A	Concession Road 11	Highway 12	0.3km E of Highway 12	0.3	open ditch	rural	local	5	2	9	asphalt	6	gravel	1.3	60	250	81
1238	Concession Road 11	Sideroad 25	Sideroad 25	3.3	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	100	84
1230	Concession Road 11	Sideroad 25	Fairvalley Road	1.3	open ditch	rural	local	5	2	6	gravel	6	gravel	0.2	80	1300	82
12365	Concession Road 11	0.3km E of Highway 12	Sideroad 25	2.0	open ditch	rural	local	4	2	6	asphalt	6	gravel	1.3	80	200	84
1232	Concession Road 11	Fairvalley Road	Ramara Road 46	0.2	open ditch	rural	local	3	2	7	gravel	6	gravel	0.5	60	1000	85
1238	Concession Road 12	Berna Road	Sideroad 25	2.5	open ditch	rural	local	4	2	6	gravel	7	gravel	0.7	80	125	79
1238	Concession Road 12	Sideroad 22	0.55km E of Sideroad 25	0.6	open ditch	rural	local	4	2	9	gravel	8	gravel	0.5	80	130	75
1242A	Concession Road 12	0.55km E of Sideroad 25	Margaret Off Blvd	0.2	open ditch	rural	local	4	2	6	asphalt	7	gravel	0.9	50	125	86
12408	Concession Road 12	Margaret Off Blvd	0.8km E of Margaret Off Blvd	0.3	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
2054	Carill Road	Sideroad 15	County Road 169	3.1	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	80	49	84
2058	Wendell Road	Sideroad 5	East End	0.7	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	80	49	88
2060	Burner's Place	Kirbyfield Road	West End	0.6	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	80	49	79
2058	Concession Road 12	County Road 169	East End	0.1	open ditch	rural	local	6	1	6	earth	5	earth	0.5	80	49	
1242	Carill Road	Fairvalley Road	West End	0.3	open ditch	rural	local	6	1	10	gravel	9	gravel	0.5	60	49	83
1234	Concession Road 12	West End	Rama Road	0.3	open ditch	rural	local	6	2	9	asphalt	9	gravel	0.3	40	130	75
1244	Lane Road	Fairvalley Road	Wendell Rd	1.9	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	75	80
1252	Concession Road 13	West End	Fairvalley Road	0.2	open ditch	rural	local	6	1	2	earth	2	earth	0.5	60	49	
2064	Concession Road 13	1.8km E of Sideroad 15	County Road 169	0.3	open ditch	rural	local	4	2	8	asphalt	7	gravel	0.5	80	125	85
2066	Concession Road 13	County Road 169	East End	1.4	open ditch	rural	local	6	1	2	earth	2	earth	0.5	60	49	
2066	Concession Road 13	Sideroad 5	West End	1.4	open ditch	rural	local	6	1	2	earth	2	earth	0.5	60	49	
2062	Concession Road 13	Sideroad 15	1.8km E of Sideroad 15	1.8	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	125	80
2070	Mundy's Lane	Sideroad 5	Kirbyfield Road	3.1	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	75	85
1254	Concession Road 13	Fairvalley Road	Sideroad 15	1.9	open ditch	rural	local	4	2	7	gravel	6	earth	0.5	60	10	85
1094	Concession Road 2	West End	Lakeshore Drive	0.1	open ditch	rural	local	6	1	3	gravel	2	gravel	0.5	60	49	85
1098	Concession Road 2	Ramara Road 47	Highway 12	2.1	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	49	84
1090	Concession Road 2	Highway 12	0.6km E of Highway 12	0.6	open ditch	rural	local	4	2	11	asphalt	9	gravel	1.3	60	600	94
1094	Concession Road 2	Sideroad 5	0.6km E of Sideroad 5	0.6	open ditch	rural	local	6	2	5	gravel	5	earth		60	49	76
1096	Concession Road 2	0.6km E of Sideroad 5	2.3km E of Sideroad 5	1.6	open ditch	rural	local	6	1	5	earth	4	earth	0.5	60	49	
1092	Concession Road 2	0.6km E of Highway 12	Sideroad 5	2.3	open ditch	rural	local	5	2	7	gravel	6	gravel	0.5	60	170	55
1096	Concession Road 2	Lakeshore Drive	Ramara Road 47	0.4	open ditch	rural	local	4	2	6	surface treated	6	gravel	0.4	60	10	88

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification					Cross-section Details												
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)	2025 AADT	PCI
1102	Concession Road 2	West End	Lakeshore Drive	0.1	no ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
1106	Concession Road 3	Ramara Road 47	Highway 12	1.8	open ditch	rural	local	4	2	8	gravel	7	gravel	0.5	80	250	100
11054	Concession Road 3	Highway 12	Horton Drive	0.3	open ditch	rural	local	4	2	10	asphalt	8	gravel	1.0	80	150	100
11110	Concession Road 3	Sideroad 5	0.5km E of Sideroad 5	0.5	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	80	49	83
11122	Concession Road 5	0.5km E of Sideroad 5	1.4km E of Sideroad 5	0.9	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
11069	Concession Road 5	Horton Drive	Sideroad 5	2.5	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	80	150	89
1104	Concession Road 3	Lakeshore Drive	Ramara Road 47	0.7	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	80	250	94
11264	Concession Road 4	Highway 12	Church Street	0.2	open ditch	rural	collector	5	2	11	asphalt	7	gravel	2.2	50	1300	89
11263	Concession Road 4	Church Street	100 m West of Ramara Road 47	0.7	open ditch	rural	collector	5	2	11	asphalt	7	gravel	2.2	50	1300	95
11262	Concession Road 4	100 m West of County Road 47	Ramara Road 47	0.1	open ditch	rural	collector	5	2	11	asphalt	7	gravel	2.2	50	1300	95
1176	Concession Road 5	0.8km W of Highway 12	Highway 12	0.6	no ditch	rural	local	6	1	3	earth	3	earth	0.5	80	49	
1178	Concession Road 5	Highway 12	Sideroad 5	0.5	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	80	75	74
1180	Concession Road 5	Sideroad 5	Mara-Carden Boundary Road	3.1	open ditch	rural	local	5	2	7	gravel	6	gravel	0.5	80	75	93
2002	Concession Road 6	Highway 12	0.5km W of Highway 12	0.2	open ditch	rural	local	6	2	10	asphalt	6	gravel	1.9	50	50	100
894	Concession Road 6	0.8km W of Highway 12	0.6km W of Highway 12	0.8	no ditch	rural	local	6	2	6	gravel	4	gravel	0.5	80	49	77
2006	Concession Road 6	County Road 169	East End	1.7	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	80	49	69
2008	Bulls Road	Mara-Carden Boundary	West End	1.4	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	80	49	85
9004	Concession Road 7	Barnstable Drive	Louis Lane	1.9	open ditch	rural	collector	4	2	10	asphalt	6	gravel	1.9	80	700	82
3002	Concession Road 7	Louis Lane	Sideroad 15	1.3	open ditch	rural	collector	4	2	9	asphalt	7	gravel	1.2	80	700	94
2014	Concession Road 7	Simcoe Road 169	1.4km E of Simcoe Road 169	1.4	open ditch	rural	local	6	1	6	gravel	5	gravel	0.5	80	49	72
2015	Concession Road 7	1.4km E of Simcoe Road 169	3.7km E of Simcoe Road 169	2.3	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
2019	Concession Road 7	Sideroad 15	Highway 12	2.3	open ditch	rural	collector	4	2	9	asphalt	7	gravel	1.2	80	700	84
2012	Concession Road 7	Highway 12	County Road 169	0.9	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	80	125	92
2018	Black Beach Lane	Mara-Carden Boundary Road	West End	1.0	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	80	100	93
3048	Barnstable Drive	Four Jay Way	Mulky Point Road	1.6	open ditch	rural	collector	3	2	9	asphalt	7	gravel	0.9	80	1200	84
8064	Concession Road 8	West End	Sideroad 15	0.6	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
2028	Concession Road 8	County Road 169	1.4km E of County Road 169	1.4	open ditch	rural	local	6	2	6	gravel	4	gravel	0.5	80	49	89
2039	Concession Road 8	1.4km E of County Road 169	2.3km E of County Road 169	0.7	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
2036	Concession Road 8	Highway 12	County Road 169	1.6	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	80	75	88
2024	Concession Road 8	Sideroad 15	Highway 12	1.3	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	80	100	93
3066	Concession Road 9	Hoss Road	2.0km E of Hoss Road	4.0	open ditch	rural	local	6	1	4	earth	4	earth	0.5	80	49	
3066	Concession Road 9	1.2km W of Sideroad 15	Sideroad 15	1.2	open ditch	rural	local	6	1	2	earth	2	earth	0.5	80	49	
2084A	Concession Road 9	Simcoe Road 169	1.62km E of Simcoe Road 169	1.9	open ditch	rural	local	4	2	8	surface treated	6	gravel	1.1	80	150	89
2080	Concession Road 9	1.52km E of Simcoe Road 169	2.4km E of Simcoe Road 169	0.7	open ditch	rural	local	6	2	7	gravel	6	gravel	0.5	80	100	72
2034	Concession Road 9	Highway 12	County Road 169	2.7	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	80	125	76
2080C	Concession Road 9	2.4km E of County Road 169	3.8km E of Simcoe Road 169	1.2	open ditch	rural	local	5	2	6	gravel	5	gravel	0.5	60	100	94
2080C	Concession Road 9	3.8km E of County Road 169	Lake Delymple	1.5	open ditch	rural	local	5	2	6	gravel	5	gravel	0.5	60	100	94
2032	Concession Road 9	Sideroad 15	Highway 12	0.4	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	80	75	80
3079	Shes Road	Mulky Point Road	Sideroad 20	1.9	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	80	100	85
1042	Concession Road A	West End	Lakeshore Drive	0.1	open ditch	rural	local	6	1	6	gravel	5	gravel	0.5	50	49	91
1048	Concession Road A	Near Road	Ramara Road 47	0.6	open ditch	rural	local	5	2	8	asphalt	7	gravel	0.8	60	125	94
1048	Concession Road A	Ramara Road 47	0.4km W of Highway 12	2.1	open ditch	rural	local	5	2	8	asphalt	7	gravel	0.8	60	100	81
1050	Concession Road A	0.4km W of Highway 12	Highway 12	0.4	open ditch	rural	local	5	2	9	asphalt	7	gravel	1.0	60	400	88
1052	Concession Road A	Ramara Road 51	East End	0.3	open ditch	semi-urban	local	6	2	8	asphalt	6	gravel	0.7	40	125	88
1058	Concession Road A	0.4km W of Canal Road	0.5km W of Canal Road	0.1	open ditch	rural	local	6	1	2	earth	1	earth	0.5	50	49	

Ramara Road Needs Study 2025

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Asset ID	Road Name	From	To	Length (m)	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)	2025 AADT	PCI
1044	Concession Road A	Lakeshore Drive	Muir Road	9.5	open ditch	rural	local	5	2	8	surface treated	7	gravel	0.5	60	150	75
1056	Concession Road A	Canal Road	0.4km W of Canal Road	0.4	open ditch	semi-urban	local	6	2	5	gravel	4	gravel	0.5	50	49	100
1022	Concession Road B	Muir Road	0.6 km E of Ramara Road 47	0.6	open ditch	semi-urban	local	6	2	9	asphalt	6	gravel	1.3	40	250	94
1024	Concession Road B	Muir Road	Ramara Road 47	0.6	open ditch	semi-urban	local	5	2	9	asphalt	6	gravel	1.3	60	400	89
1026	Concession Road B	Furms Drive	East End	0.1	open ditch	rural	local	6	1	4	gravel	3	gravel	0.5	60	49	92
1028	Concession Road B	Ramara Road 47	Furms Drive	1.5	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	150	92
4018	Concession Road B/C	Pearl Carrick Road	East End	1.3	open ditch	rural	local	4	1	6	asphalt	7	gravel	1.0	60	500	85
4019	Concession Road B/C	Berna Dalton Boundary Road	West End	0.7	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	60	49	84
4016	Concession Road B/C	Isleroad 5/6	Pearl Carrick Road	1.3	open ditch	rural	local	4	2	9	asphalt	7	gravel	1.0	60	500	75
4014	Concession Road B/C	County Road 189	Isleroad 5/6	2.1	open ditch	rural	local	4	2	9	asphalt	7	gravel	1.0	60	500	78
4012	Concession Road D/E	Berna Dalton Boundary Road	West End	1.7	open ditch	rural	local	5	2	8	gravel	7	gravel	0.5	60	125	83
4025A	Concession Road D/E	County Road 189	0.15km E of Sincro Road 189	0.2	open ditch	rural	local	4	2	8	gravel	7	gravel	0.5	60	75	84
4022	Concession Road D/E	Olsen Road	Isleroad 5/6	1.3	open ditch	rural	local	6	1	3	gravel	2	gravel	0.5	60	49	69
4020B	Concession Road D/E	0.15km E of County Road 189	Olsen Road	0.6	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	50	50	70
4018	Concession Road F/G	County Road 189	East End	1.4	open ditch	rural	local	6	2	6	gravel	7	gravel	0.5	60	49	75
4049	Concession Road H/I	County Road 189	East End	2.0	open ditch	rural	local	4	2	8	gravel	7	gravel	0.5	60	50	86
4054	Concession Road M/N	Crink Sideroad	0.8km E of Crink Sideroad	0.8	open ditch	rural	local	5	2	8	gravel	7	gravel	0.5	60	75	70
4056	Concession Road M/N	0.8km E of Crink Sideroad	McArthur Sideroad	1.2	open ditch	rural	local	5	2	8	gravel	7	gravel	0.5	60	75	70
4058	Concession Road M/N	McArthur Sideroad	King River Road	2.0	open ditch	rural	local	5	2	8	gravel	7	gravel	0.5	60	50	93
1060	Concession Road	Oakridge Drive	North End	0.9	no ditch	semi-urban	local	6	1	6	gravel	5	gravel	0.5	50	49	100
1154	Courtland Street	Whitney Road	0.5km N of Whitney Road	0.5	open ditch	rural	local	6	2	9	surface treated	7	gravel	0.9	40	900	87
1172	Courtland Street	Caroline Street	Highway 42	0.3	open ditch	semi-urban	local	6	2	8	asphalt	6	earth	1.0	40	800	86
1156	Courtland Street	0.8km N of Whitney Road	Bulturn Road	1.0	open ditch	rural	local	4	2	9	surface treated	6	gravel	1.4	40	1000	80
1170	Courtland Street	Isburn Road	Caroline Street	0.3	open ditch	semi-urban	local	6	2	8	asphalt	6	gravel	1.0	40	900	78
1152	Courtland Street	Orkney Beach Road	Anderson Avenue	0.2	open ditch	rural	local	5	2	8	surface treated	7	gravel	0.7	50	250	79
1222	Courtland Street	Oreighton Street	South End	0.1	no ditch	semi-urban	local	6	2	8	asphalt	6	gravel	1.0	40	49	60
1188	Oreighton Street	Bulturn Road	Winchester Street	0.2	no ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.0	40	1800	82
1169	Oreighton Street	Winchester Street	Highway 42	0.3	open ditch	semi-urban	local	6	2	8	asphalt	6	gravel	0.9	40	1800	79
1186	Oreighton Street	Isburn Road	Bulturn Road	0.6	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.7	40	700	78
1184	Oreighton Street	Florence Avenue	Isburn Street	0.5	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.7	40	200	78
444L	Ureighton Street North	Highway 42	North End	0.6	open ditch	semi-urban	local	6	4	10	asphalt	7	gravel	1.5	40	90	57
4066	Crink Sideroad	Fairground Road	Concession Road M/N	2.1	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	60	49	78
20429	Salymple Drive	0.28km S of Conc Road 9	South End	0.4	no ditch	semi-urban	local	6	2	7	surface treated	6	gravel	0.5	60	49	80
20424	Salymple Drive	Concession Road 9	0.28km E of Conc Road 9	0.4	no ditch	semi-urban	local	6	2	8	surface treated	4	gravel	0.5	60	40	90
1160	David Street	Nobal Street (north intersection)	David Street	0.2	open ditch	semi-urban	local	6	2	9	surface treated	6	gravel	1.1	50	49	64
1162	David Street	Nobal Street (south intersection)	East End	0.2	open ditch	semi-urban	local	6	2	9	surface treated	6	gravel	1.1	50	49	62
4088	Devy Drive	Switch Road	North End	1.5	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.4	40	200	94
4135	Dock Road	Beach Drive	West End	0.1	open ditch	rural	local	6	2	6	surface treated	6	gravel	0.3	50	49	94
4134	Dock Road	Berna Road	Beach Drive	0.2	open ditch	rural	local	6	2	6	surface treated	6	gravel	0.3	40	300	73
4152	Doner Carrick Lane	Pearl Carrick Road	0.05km E of Pearl Carrick Road	0.5	open ditch	rural	local	6	1	5	gravel	4	gravel	0.5	60	49	76
4036	Doner Carrick Lane	0.05km E of Pearl Carrick Road	North End	1.1	no ditch	rural	local	6	2	5	gravel	4	gravel	0.5	60	49	70
4160	Doner Drive	County Road 189	South End	0.6	no ditch	semi-urban	local	6	2	8	asphalt	6	gravel	0.8	40	75	77
4166	East River Road	County Road 189	South End	1.0	open ditch	semi-urban	local	6	2	8	surface treated	7	gravel	0.4	50	100	78
1056	Edgell Road	Borneo Beach Road	East End	0.6	open ditch	semi-urban	local	6	2	10	surface treated	7	gravel	1.3	40	300	100
3702	Uren Street	Wellington Street	Patricia Drive	0.2	open ditch	semi-urban	local	6	2	8	surface treated	6	earth	1.2	40	50	84

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification				Cross-section Details																
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)	Shoulder Slope (km/h)	2025 AADT	PCI			
4304	Ellis Street	McNicol Drive	Creighton Street	0.2	open ditch	semi-urban	local	6	2	9	surface treated	6	earth	1.4	50	75	84			
4350	Ellis Drive	Rama Road	West End	0.3	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	40	75	95			
4354	Shel Drive	Concession Road A	South End	0.2	open ditch	semi-urban	local	6	2	8	asphalt	6	gravel	0.7	40	49	86			
4044	Fingrunds Road	County Road 189	Brooks Sideroad	1.3	open ditch	rural	collector	5	2	9	asphalt	7	gravel	1.3	60	400	96			
4045A	Fingrunds Road	Crink Sideroad	0.5km E of Crink Sideroad	0.5	open ditch	rural	collector	4	2	9	asphalt	7	gravel	1.3	60	800	94			
4046D	Fingrunds Road	0.5km E of Crink Sideroad	McArthur Sideroad	1.6	open ditch	rural	collector	4	2	9	surface treated	7	gravel	1.0	60	800	84			
4055A	Fingrunds Road	McArthur Sideroad	0.6km E of McArthur S/R	0.6	open ditch	rural	local	4	2	8	surface treated	7	gravel	1.0	60	750	95			
4055C	Fingrunds Road	0.6km E of McArthur S/R	1.5km E of McArthur S/R	0.9	open ditch	rural	local	4	2	9	surface treated	7	gravel	1.2	60	650	89			
4055F	Fingrunds Road	1.5km E of McArthur S/R	Rama Dalton Boundary Line	3.0	open ditch	rural	local	4	2	9	gravel	7	gravel	1.0	60	600	100			
4046	Fingrunds Road	Brooks Sideroad	Crink Sideroad	2.1	open ditch	rural	collector	4	2	9	asphalt	7	gravel	1.3	60	800	77			
3262	Farvelling Road	Concession Road 13	Canil Road	1.5	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	300	76			
3268	Farvelling Road	Hutch Road	Mara Rama Boundary Road	0.3	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	50	49	94			
3264	Farvelling Road	Canil Road	Concession Road 13	1.4	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	350	77			
3260	Farvelling Road	Rama Road 65	Concession Road 13	0.1	no ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	350	88			
3264	Farvelling Road	Concession Road 13	French Road	1.8	open ditch	rural	local	4	2	6	gravel	6	gravel	0.5	60	350	85			
3256	Farm Bay Road	Rama Road	0.5km W of Rama Road	0.2	open ditch	semi-urban	local	6	2	6	surface treated	6	gravel	0.3	40	350	71			
3256	Farm Bay Road	0.5km W of Rama Road	South End	0.6	no ditch	semi-urban	local	6	2	6	surface treated	6	gravel	0.4	40	350	81			
3248	Farm Bay Road	Rama Road	0.6km W of Rama Road	0.6	open ditch	rural	local	4	2	9	asphalt	6	gravel	1.1	60	1200	100			
3248	Farm Bay Road	0.6km W of Rama Road	West End	0.3	open ditch	semi-urban	local	6	2	7	asphalt	6	gravel	0.5	40	125	89			
3028	Farmwood Lane	Bayshore Drive	East End	0.2	open ditch	semi-urban	local	6	2	9	asphalt	7	earth	0.9	40	49	95			
3182	Pionance Avenue	Creighton Street	East End	0.6	open ditch	semi-urban	local	6	2	7	surface treated	6	gravel	0.5	40	125	55			
3029	Florida Avenue	Concession Road B	North End	0.1	open ditch	semi-urban	local	6	2	6	gravel	5	gravel	0.5	40	100	100			
3126	Fountain Drive	Midlake Drive	Fountain Drive	0.2	no ditch	semi-urban	local	4	2	8	gravel	7	gravel	0.5	50	75	79			
3130	Fountain Drive	Fountain Drive	Hum Point Road	0.5	open ditch	semi-urban	local	5	2	9	surface treated	7	gravel	0.9	50	250	91			
3131	Fountain Drive	Fountain Drive	West End	0.1	no ditch	semi-urban	local	6	1	4	surface treated	4	earth		50	49	91			
3019	Furness Crescent	Hut Road	East End	0.1	open ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.0	40	49	84			
1030	Furness Drive	Concession Road B	South End	0.5	open ditch	semi-urban	local	6	2	6	gravel	4	gravel	0.5	40	75	79			
4098	George Street	Rama Road	West End	0.1	open ditch	semi-urban	local	6	2	9	gravel	6	gravel	1.1	50	49	94			
3014	Georgina Drive	Lakeshore Drive	East End	0.2	open ditch	semi-urban	local	4	2	10	gravel	9	gravel	0.5	40	49	79			
4024	Given Road	Concession Road D/E	North End	0.5	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	60	49	71			
1148	Goldstone Street	Highway 12	Church Street	0.4	open ditch	semi-urban	local	6	4	9	asphalt	7	gravel	1.1	40	425	80			
3092	Glenn Cedar Drive	McBae Park Road	0.8km N of McBae Park Road	0.6	open ditch	semi-urban	local	5	2	8	surface treated	7	gravel	0.5	50	250	84			
3094	Glenn Cedar Drive	0.8km N of McBae Park Road	East End	0.1	open ditch	semi-urban	local	6	2	8	gravel	4	earth	0.5	50	49	86			
4142A	Glenn Ellen Drive	Beach Drive	Rama Road	0.9	no ditch	semi-urban	local	6	2	8	surface treated	7	gravel	0.5	40	250	99			
4142B	Glenn Ellen Drive	Glenn Ellen Drive	North End	0.2	no ditch	semi-urban	local	6	2	7	gravel	6	gravel	0.5	50	75	80			
3108	Glenn Onda Drive	McBae Park Road	North End	0.3	no ditch	semi-urban	local	6	2	9	gravel	9	earth	0.5	40	100	100			
3010A	Glenn Onda Drive	Amelia Drive	John Street	0.9	no ditch	semi-urban	local	6	2	5	surface treated	4	earth	0.5	40	300	83			
3010B	Glenn Onda Drive	John Street	Derwent Drive	0.6	open ditch	semi-urban	local	6	2	5	surface treated	4	gravel	0.5	40	250	94			
3099	Glennam Sideroad	Dama Road	West End	0.1	no ditch	rural	local	6	2	6	gravel	5	gravel	0.5	40	49	77			
3019	Glennam Drive	Rama Road 47	Concession Road 3	0.4	open ditch	semi-urban	local	5	2	11	asphalt	7	gravel	2.2	50	300	81			
3090	Wargs Lane	Edgemoor Road	South End	0.3	open ditch	semi-urban	local	6	2	10	surface treated	7	gravel	1.3	40	75	100			
3166	Henry Street	Caroline Street	Highway 12	0.1	open ditch	semi-urban	local	6	2	7	surface treated	7	gravel	0.3	40	75	77			
3096	Glennam Drive	Lakeshore Drive	McBae Park Road	0.2	open ditch	semi-urban	local	6	2	6	surface treated	5	gravel	0.5	50	125	100			
5018	Hollyday Road	Lakeshore Drive	East End	0.2	open ditch	semi-urban	local	6	2	10	gravel	9	gravel	0.5	50	49	79			
4094	Hopkins Bay Road	Dama Road	West End	0.4	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	50	75	85			

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification				Cross-Section Details														
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)	2025 AADT	PCI	
4388	Stand Crescent	Last River Road	Last End	0.4	open ditch	semi urban	local	6	2	7	surface treated	7	gravel	0.5	40	49	84	
4384	James Street	County Road 269	North End	0.2	no ditch	semi urban	local	6	2	5	gravel	4	gravel	0.5	50	49	95	
3014	John Street	Glenview Drive	Concession Road 7	0.3	open ditch	semi urban	local	6	2	5	gravel	4	gravel	0.5	40	150	75	
3000	Joyce Avenue	McDermid Park Road	North End	0.1	open ditch	semi urban	local	6	2	6	gravel	5	gravel	0.5	40	49	87	
3204	Joelind Drive	McDermid Park Road	South End	0.2	open ditch	semi urban	local	6	2	5	gravel	4	gravel	0.5	50	75	86	
4062	Kings River Road	2.0km E of McArthur Sideroad	Coopers Falls Road	0.9	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	60	90	86	
5002	Kurtis Drive	Belcom Road	South End	0.6	open ditch	semi urban	local	6	2	10	asphalt	7	gravel	1.9	50	250	95	
1170	Laguna Parkway	Simcoe Road	Poplar Crescent	1.1	open ditch	semi urban	local	5	2	9	asphalt	7	gravel	1.2	50	750	100	
1172	Laguna Parkway	Poplar Crescent	Paradise Boulevard	0.7	open ditch	semi urban	local	5	2	9	asphalt	7	gravel	1.2	50	400	100	
4070	Andrea Avenue	Coopers Falls Road	South End	0.3	no ditch	rural	local	6	1	4	gravel	3	gravel	0.5	25	75	78	
1148	Lake Avenue	Simcoe Road	Ridge Avenue	0.3	open ditch	semi urban	local	6	2	9	surface treated	7	gravel	1.2	50	600	95	
11504	Lake Avenue	Ridge Avenue	Beaver Trail	0.5	no ditch	semi urban	local	5	2	9	surface treated	7	gravel	0.9	50	100	95	
11503	Lake Avenue	Beaver Trail	Poplar Crescent	0.5	no ditch	semi urban	local	6	2	9	surface treated	7	earth	0.9	40	400	95	
1144	Lake Avenue	Lake Avenue	Ridge Avenue	0.2	no ditch	semi urban	local	6	2	5	surface treated	4	gravel	0.5	40	50	100	
1044	Lakeshore Drive	Concession Road 4	Concession Road 5	0.4	open ditch	semi urban	local	6	2	6	surface treated	7	gravel	0.9	60	394	84	
1089	Lakeshore Drive	Concession Road 1	Concession Road 2	1.5	open ditch	semi urban	local	6	2	8	surface treated	7	gravel	0.8	50	70	89	
1096	Lakeshore Drive	Concession Road 2	0.5km W of Conc. Road 2	0.9	no ditch	semi urban	local	6	2	7	surface treated	6	earth	0.5	40	60	83	
11144	Lakeshore Drive	Concession Road 9	0.5km S of Simcoe Road	0.9	open ditch	semi urban	local	5	2	7	surface treated	6	gravel	0.5	50	300	72	
11145	Lakeshore Drive	0.5km S of Simcoe Road	Simcoe Road	0.5	no ditch	semi urban	local	6	2	7	asphalt	6	gravel	0.5	40	300	75	
3100	Lakeshore Drive	0.5km N of Conc. Road 2	Concession Road 5	0.9	no ditch	semi urban	local	6	2	6	surface treated	5	earth	0.5	40	200	89	
3102	Lakeshore Drive	East End	Paradise Drive	0.5	open ditch	semi urban	local	6	2	7	surface treated	6	gravel	0.5	50	120	89	
3098	Lakeshore Drive	Paradise Drive	Hilltop Road	0.2	no ditch	semi urban	local	6	2	6	surface treated	5	earth	0.5	40	75	77	
3052	Lavender Court	Bayshore Drive	North End	0.4	open ditch	semi urban	local	4	2	9	asphalt	7	earth	0.9	40	90	98	
3098	Lavender Court	Bayshore Drive	South End	0.3	open ditch	semi urban	local	6	2	9	asphalt	7	gravel	0.9	40	99	95	
3120	Lavender Lane	Plum Point Road	West End	0.2	open ditch	rural	local	6	2	9	surface treated	7	gravel	0.9	40	75	70	
3062	Leo Crescent	Edgely Road	South End	0.2	open ditch	semi urban	local	6	2	10	surface treated	7	gravel	1.3	40	75	100	
4074	Lne 2	Smith Sideroad	County Road 269	2.2	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	80	75	75	
4076	Lne 2	County Road 269	1.8km W of County Road 269	1.8	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	80	80	76	
4078	Lne 3	1.8km W of County Road 269	North End	0.8	open ditch	rural	local	4	1	4	gravel	3	gravel	0.5	60	50	74	
4060A	Lne 5	County Road 269	Henilton Sideroad	1.2	open ditch	rural	local	6	2	7	gravel	6	gravel	0.5	50	50	100	
4404	Lone Birch Trail	Simcoe Road	Maple Trail	0.3	no ditch	semi urban	local	6	2	6	surface treated	5	gravel	0.5	40	400	80	
1122	Lone Birch Trail	Maple Trail	West End	0.2	no ditch	semi urban	local	6	2	5	surface treated	4	gravel	0.5	40	150	55	
4118	Longford Mills Road	Rama Road	0.8km E of Rama Road	0.8	open ditch	rural	local	5	2	8	asphalt	6	gravel	1.0	50	200	95	
4120	Longford Mills Road	0.8km E of Rama Road	East End	0.2	no ditch	rural	local	6	1	5	gravel	4	gravel	0.5	50	40	54	
3006	Louis Lane	Ambia Drive	Concession Road 7	1.0	open ditch	rural	local	6	2	9	gravel	7	gravel	0.5	40	150	100	
4004	Louisa Lane	Moore Road	South End	0.3	open ditch	semi urban	local	6	2	9	surface treated	7	gravel	1.3	50	49	94	
4126	Maple Avenue	Rama Road	West End	0.9	open ditch	semi urban	local	6	2	5	gravel	4	gravel	0.5	50	150	85	
3034	Maple Gate	Sandwood Trail	Bayshore Drive	0.5	open ditch	semi urban	local	6	2	9	asphalt	7	earth	0.9	40	120	95	
1118	Maple Trail	Lakeshore Drive	Lone Birch Trail	0.3	no ditch	semi urban	local	6	2	5	surface treated	4	gravel	0.5	40	200	85	
1119	Marie Carson Boundary Road	0.5km N of Black Beach Lane	1.5km N of Black Beach Lane	0.9	open ditch	rural	local	6	2	7	surface treated	6	gravel	0.5	50	150	90	
1197	Marie Carson Boundary Road	0.5km S of County Road 47	0.5km S of County Road 47	2.0	open ditch	rural	local	5	2	10	asphalt	6	gravel	1.9	60	300	30	
1196	Marie Carson Boundary Road	County Road 47	0.5km S of County Road 47	0.7	open ditch	rural	local	4	2	9	asphalt	7	gravel	0.9	80	300	30	
1192	Marie Carson Boundary Road	Caral Road	Concession Road 1	1.5	open ditch	rural	local	4	2	7	surface treated	7	earth	0.5	80	300	100	
1194	Marie Carson Boundary Road	Concession Road 1	Concession Road 2	1.4	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	90	
2076	Marie Carson Boundary Road	Marie Carson Boundary Road	West End	1.2	open ditch	rural	local	6	1	4	earth	3	earth	0.5	80	49	90	

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification						Cross-Section Details											
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)	2025 AADT	PCI
2072	Mara Rama Boundary Road	County Road 189	West End	0.2	open ditch	rural	local	6	1	3	earth	2	earth	0.3	80	49	
2074	Mara Rama Boundary Road	County Road 189	East End	0.8	open ditch	rural	local	6	1	3	earth	2	earth	0.5	80	49	
2064	Mara Rama Boundary Road	West End	Fairvalley Road	0.2	open ditch	rural	local	6	1	3	gravel	2	gravel	0.5	50	49	80
3066	Mara Rama Boundary Road	Fairvalley Road	Smith Side Road	0.3	open ditch	rural	local	6	1	3	earth	2	earth	0.5	49		
3052	Parquet Off Blvd	Concession Road 12	South End	0.5	open ditch	semi urban	local	6	2	10	asphalt	7	gravel	1.7	50	100	80
4052	Hornell Road	Paraground Road	South End	0.2	no ditch	rural	local	6	2	6	gravel	5	gravel	0.5	50	49	80
1132	Mary Street	Bemere Road 47	Ordeal Street	0.2	no ditch	semi urban	local	6	2	8	asphalt	7	gravel	0.7	40	125	70
4062	McArthur Sideroad	Fairground Road	Concession Road M/N	0.1	open ditch	rural	collector	5	2	9	gravel	8	gravel	0.5	60	300	100
4064A	McArthur Sideroad	Concession Road M/N	0.25km S of Cooper Falls Road	0.9	open ditch	rural	collector	5	2	9	gravel	8	gravel	0.5	60	300	100
4064B	McArthur Sideroad	0.25km S of Cooper Falls Road	Coopers Falls Road	0.3	open ditch	rural	collector	5	2	9	surface treated	8	gravel	0.5	60	300	70
4060B	McArthur Sideroad	Line S of Cooper Falls Road	Twinn Road	2.2	open ditch	rural	local	6	2	7	gravel	8	gravel	0.5	50	70	100
1108	McNeal Street	Highway 12	South End	0.3	open ditch	semi urban	local	6	2	9	surface treated	6	gravel	1.1	50	125	60
4164	McNeice Crescent	County Road 189	South River Road	0.3	no ditch	semi urban	local	6	2	10	gravel	6	gravel	1.8	50	49	94
3082	McNee Park Road	Glencoe Beach Road	Woodland Drive	0.6	open ditch	rural	local	5	2	10	asphalt	7	gravel	1.8	50	1000	80
3088	Muffin Park Road	Muley Point Road	Burness Beach Road	0.4	open ditch	rural	local	5	2	10	asphalt	7	gravel	1.8	75	1000	74
3098	McNee Park Road	Woodland Drive	Hilltop Road	0.6	no ditch	semi urban	local	5	2	9	asphalt	8	asphalt	0.5	50	750	60
1036	Neelands Creek Lane	Surfside Drive	South End	0.2	open ditch	semi urban	local	6	2	10	asphalt	7	gravel	1.7	40	49	77
1040	Neelands Creek	Surfside Drive	North End	0.2	open ditch	semi urban	local	6	2	10	asphalt	7	gravel	1.7	40	49	77
3040	Nelly Court	Bayshore Drive	North End	0.2	open ditch	semi urban	local	6	2	9	asphalt	7	gravel	0.9	40	49	90
3072	Muley Point Road	Barndale Drive	Ross Road	1.4	open ditch	rural	collector	5	2	9	asphalt	7	gravel	1.2	80	2000	89
3071B	Muley Point Road	Melrose Drive	Highway 12	0.8	open ditch	rural	collector	6	2	9	asphalt	7	gravel	1.2	40	3000	84
3071A	Muley Point Road	Ross Road	Melrose Drive	1.2	open ditch	rural	collector	5	2	9	asphalt	7	gravel	1.2	80	3000	77
3048A	Muley Point Road	Muley Point Road	Burness Beach Road	0.6	open ditch	rural	local	4	2	7	asphalt	6	gravel	0.8	80	700	62
3049	Muley Point Road	Sideroad 25	West End	0.6	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	50	100	70
3048B	Muley Point Road	Burness Beach Road	Sideroad 25	0.6	open ditch	rural	local	6	2	6	gravel	5	gravel	0.5	50	100	80
4186	Guk Point Road	County Bridge	South End	1.0	no ditch	semi urban	local	6	2	6	surface treated	5	gravel	0.5	40	280	70
3062	Gulford Beach Road	Rama Road	0.48km W of Rama Road	0.5	open ditch	rural	local	6	1	8	gravel	7	gravel	0.5	40	125	95
4188	Lakemidge Drive	County Road 189	Hambridge Road	1.2	no ditch	semi urban	local	6	2	7	surface treated	6	gravel	0.5	40	400	80
4192	Lakemidge Drive	Hambridge Road	North End	0.9	no ditch	semi urban	local	6	2	9	surface treated	7	gravel	0.9	40	125	77
3216	Opden Street	Craigton Street	Queen Street	0.1	open ditch	semi urban	local	6	2	10	asphalt	9	gravel	1.7	50	50	70
4248	Upper Street	Queen Street	West End	0.4	open ditch	semi urban	local	6	2	9	gravel	4	gravel	0.5	40	49	94
4192	Grot Hill Road	County Road 189	North End	0.1	no ditch	semi urban	local	6	2	8	surface treated	7	gravel	0.5	50	49	82
1188	Old Indian Trail	West End	Pine Tree Court	0.9	no ditch	semi urban	local	6	2	10	asphalt	7	gravel	1.8	40	100	88
1184	Old Indian Trail	Pine Tree Court	East End	0.9	no ditch	semi urban	local	6	2	10	asphalt	7	gravel	1.8	40	100	90
4002	Old Loney Sideroad	Noel's Court	South End	0.3	open ditch	rural	local	6	2	7	gravel	6	gravel	0.5	40	49	91
1134	Ordeal Street	Highway 12	West End	0.2	no ditch	semi urban	local	6	2	8	asphalt	7	gravel	0.7	40	125	70
1136	Orkeley Beach Road	East End	Orkeley Heights	0.5	open ditch	semi urban	local	6	2	8	asphalt	7	gravel	0.5	50	125	84
1138	Orkeley Beach Road	Orkeley Heights	0.5km W of Orkeley Heights	0.5	open ditch	semi urban	local	5	2	9	asphalt	7	gravel	1.2	50	400	85
1140	Orkeley Beach Road	Orkeley Beach Road	North End	0.3	open ditch	semi urban	local	6	2	8	asphalt	7	gravel	0.5	50	49	84
1142	Orkeley Beach Road	0.5km W of Orkeley Heights	1.4km W of Orkeley Heights	0.9	open ditch	semi urban	local	5	2	9	asphalt	7	gravel	1.2	50	300	79
1144	Orkeley Beach Road	1.4km W of Orkeley Heights	Courtland Street	1.0	open ditch	rural	local	5	2	7	asphalt	6	gravel	0.5	50	300	87
1134	Orkeley Heights	Highway 12	Orkeley Beach Road	0.9	open ditch	semi urban	local	6	2	9	surface treated	7	gravel	0.9	50	700	82
1188	Paget Street	Craigton Street	Patricia Drive	0.1	open ditch	semi urban	local	6	2	8	surface treated	6	gravel	1.0	40	50	84
1200	Paget Street	Patricia Drive	Wellington Street	0.1	open ditch	semi urban	local	6	2	8	surface treated	6	earth	1.2	40	50	84
1174	Paradise Boulevard	Laguna Parkway	West End	1.1	no ditch	semi urban	local	6	2	8	surface treated	6	gravel	1.0	40	800	100

Road Section Identification				Cross-section Details													
Asset ID	Road Name	From	To	Length (m)	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)	2025 AADT	PCI
3026	Park Lane	Bayshore Drive	West End	0.3	open ditch	semi-urban	local	6	2	9	asphalt	7	earth	1.2	40	350	35
4380	Park Lane Crescent	Riverleigh Drive	Riverleigh Drive	1.5	open ditch	semi-urban	local	6	2	8	surface treated	6	gravel	0.7	40	300	77
3100	Periside Drive	Lakeview Drive	Molloy Park Road	0.2	open ditch	semi-urban	local	5	2	5	surface treated	4	earth	0.5	50	250	96
3176	Periside Drive	Hoglet Street	Silsom Road	0.6	open ditch	semi-urban	local	6	2	8	surface treated	6	gravel	1.0	40	250	85
3179	Periside Drive	Silsom Road	Winchester Street	0.2	open ditch	semi-urban	local	6	2	7	surface treated	5	earth	0.6	40	250	87
3180	Periside Drive	Winchester Street	Courtland Street	0.3	open ditch	semi-urban	local	6	2	6	surface treated	5	earth	0.6	40	250	91
4032	Pearl Canick Road	Concession Road B/C	North End	2.2	open ditch	rural	local	6	2	7	gravel	6	gravel	0.5	80	49	95
1136	Perry Avenue	Concession Road 4	North End	0.7	open ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.3	40	150	81
3012	Peter Street	Claremont Drive	Concession Road 7	0.4	no ditch	semi-urban	local	6	2	5	gravel	4	gravel	0.5	40	150	80
4188	Phenedge Road	Oakridge Drive	South End	0.3	no ditch	semi-urban	local	6	2	8	surface treated	7	gravel	0.9	40	100	86
1162	Pinetree Court	Pinetree Crescent	Old Indian Trail	0.3	no ditch	semi-urban	local	6	2	11	asphalt	7	gravel	2.2	40	300	96
1160	Pinetree Court	South End	Poplar Crescent	0.3	no ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.1	40	100	79
3116	Plum Point Road	River Road	Melrose Drive	1.0	open ditch	semi-urban	local	6	2	9	asphalt	6	gravel	1.3	40	600	80
3118	Plum Point Road	Melrose Drive	Highway 12	0.6	open ditch	rural	local	6	2	7	surface treated	6	gravel	0.5	40	500	83
8964	Plum Point Road	West End	Plum Road	8.8	no ditch	semi-urban	local	6	1	6	asphalt	4	gravel	0.6	40	896	85
1152	Poplar Crescent	Laguna Parkway	West End	1.3	no ditch	semi-urban	local	6	2	9	asphalt	6	gravel	1.2	40	450	75
4182	Posie Lane	Park Lane Crescent	North End	0.3	open ditch	semi-urban	local	6	2	6	surface treated	5	gravel	0.6	40	75	86
4128	Portage Bay Road	Berna Road	West End	0.2	open ditch	semi-urban	local	5	2	6	asphalt	5	gravel	0.5	50	250	82
5000	Prophet Park Crescent	Orkney Beach Road	Orkney Beach Road	0.4	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.7	40	75	78
2260	Prospect Avenue	Park Point Road	South End	0.9	no ditch	semi-urban	local	6	2	8	asphalt	6	gravel	0.9	40	75	100
4121	Quarry Point Road	Berna Road	West End	0.6	open ditch	rural	local	6	2	7	gravel	6	gravel	0.5	80	150	85
3196	Queen Street	Highway 12	Sidgen Street	0.3	open ditch	semi-urban	local	5	2	9	asphalt	7	gravel	1.4	50	250	87
1194	Queen Street	Cogden Street	South End	0.4	open ditch	semi-urban	local	4	2	6	asphalt	5	gravel	0.8	50	49	84
4068	Rama-Dutton Boundary Road	200m N of Concession B/C	Concession Road D/E	1.3	open ditch	rural	local	5	2	11	asphalt	7	gravel	1.9	50	550	97
5048	Rama-Dutton Boundary Road	Fairgrounds Road	1.0km S of Fairgrounds Road	0.8	open ditch	rural	local	5	2	8	gravel	7	gravel	0.8	80	300	94
4006	Rama-Dutton Boundary Road	Murick Road	Concession Road B/C	0.8	open ditch	semi-urban	local	6	2	11	surface treated	7	gravel	1.9	50	880	89
4008	Rama-Dutton Boundary Road	Concession Road B/C	200m N of Concession B/C	0.6	open ditch	rural	local	5	2	11	surface treated	7	gravel	1.9	50	550	85
4009	Rama-Dutton Boundary Road	Concession Road D/E	1.0km N of Concession Road D/E	1.0	open ditch	rural	local	5	2	11	surface treated	7	gravel	1.9	50	550	89
5009	Ramara Road 46	Coleridge St	County Road 169	1.0	open ditch	rural	collector	3	2	11	asphalt	7	gravel	2.0	80	1800	82
5006	Ramara Road 46	Highway 12	Islewood St	2.9	open ditch	rural	collector	3	2	11	asphalt	7	gravel	2.0	80	1800	88
50208	Ramara Road 47	Trout Canal Bridge	Stone Gate Road	0.6	open ditch	semi-urban	collector	6	2	8	asphalt	6	gravel	0.7	40	600	84
50228	Ramara Road 47	Stone Gate Road	Stephen Drive	0.3	open ditch	rural	collector	6	2	11	surface treated	7	gravel	2.0	40	600	100
5022A	Ramara Road 47	Stephen Drive	Concession Road A	2.0	open ditch	rural	collector	4	2	11	surface treated	7	gravel	2.0	80	600	100
5029	Ramara Road 47	Concession Road A	Concession Road 1	1.3	open ditch	rural	collector	4	2	11	asphalt	7	asphalt	2.0	80	600	100
5029	Ramara Road 47	Concession Road 1	Concession Road 2	1.7	open ditch	rural	collector	4	2	11	asphalt	7	gravel	2.0	80	600	100
5029	Ramara Road 47	Concession Road 2	Concession Road 3	1.3	open ditch	rural	collector	4	2	11	asphalt	7	gravel	2.0	80	600	100
5030	Ramara Road 47	Concession Road 3	Simcoe Road	1.6	open ditch	rural	collector	4	2	11	asphalt	8	gravel	1.5	80	450	100
5032	Ramara Road 47	Simcoe Road	Railway Crossing	0.6	open ditch	rural	collector	5	2	11	asphalt	7	gravel	1.9	50	2200	100
5034	Ramara Road 47	Railway Crossing	Highway 12	0.4	no ditch	urban	collector	6	2	9	asphalt	9	asphalt	40	2200	83	
5022A	Ramara Road 47	Talbot River Bridge	Trout Canal Bridge	0.4	no ditch	semi-urban	collector	6	2	7	asphalt	6	gravel	0.7	40	600	100
5026	Ramara Road 51	Highway 12	Talbot River	0.2	open ditch	semi-urban	local	5	2	11	asphalt	7	gravel	2.4	50	250	77
1143	Ridge Avenue	0.2km E of Lake Avenue	0.2km E of Lake Avenue	0.2	open ditch	semi-urban	local	6	2	7	surface treated	7	earth	0.3	40	125	76
1138	Ridge Avenue	0.2km W of Lake Avenue	Lake Avenue	0.2	open ditch	semi-urban	local	6	2	6	surface treated	6	gravel	0.4	40	75	80
1142	Ridge Avenue	0.2km E of Lake Avenue	0.3km E of Lake Avenue	0.1	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.4	40	49	63
1114	River Road	Plum Point Road	East End	0.6	open ditch	semi-urban	local	6	2	5	gravel	4	gravel	0.5	40	125	77

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification				Cross-Section Details														
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)	2025 AADT	PCI	
4176	Riverbush Drive	Courty Road 389	Poplar Lane	1.0	open ditch	semi-urban	local	6	2	8	surface treated	7	gravel	0.7	40	400	77	
3030	Sandwood Trail	Bayshore Drive	Bayshore Drive	0.4	open ditch	semi-urban	local	6	2	9	asphalt	7	earth	0.9	40	150	95	
4152	Graymour Road	Southwood Beach Boulevard	South End	0.2	open ditch	rural	local	6	2	6	surface treated	5	gravel	0.5	40	49	64	
4110	Orma Drive	Airport Road	Bluebird Street	0.5	open ditch	semi-urban	local	6	2	6	gravel	7	gravel	0.5	55	75	91	
2096	Sideroad 20	Courty Road 389	Concession Road 7	0.7	no ditch	rural	local	6	1	5	earth	4	earth	0.5	55	49		
2100	Sideroad 20	Courty Road 389	New Ram Road	2.9	open ditch	rural	local	6	1	3	earth	2	earth	0.5	60	49		
2098	Sideroad 20	Concession Road 7	Courty Road 389	0.8	open ditch	rural	local	6	2	5	gravel	4	earth	0.5	50	49	79	
1014	Hur Road	South End	Furness Crescent	0.1	open ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.0	60	49	61	
1016	Hur Road	Furness Crescent	Concession Road 8	0.4	open ditch	rural	local	4	2	6	asphalt	6	gravel	1.1	60	150	89	
2084	Sideroad 15	Concession Road 9	Highway 12	0.5	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	60	95	
2090	Sideroad 15	Highway 12	Concession Road 10	0.9	open ditch	rural	local	4	2	6	gravel	6	gravel	0.5	60	75	95	
2086	Sideroad 15	Concession Road 10	Ramara Road 86	1.4	open ditch	rural	local	4	2	6	gravel	6	gravel	0.5	60	75	82	
2090	Sideroad 15	Ramara Road 86	Garth Road	1.5	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	100	94	
2090	Sideroad 15	Garth Road	Concession Road 13	1.3	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	75	94	
2094	Sideroad 15	Concession Road 13	Monck Road	1.4	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	75	94	
1032	Hur Road	Concession Road 6	Concession Road A	1.4	open ditch	semi-urban	local	5	2	9	asphalt	6	gravel	1.1	60	125	60	
2080	Sideroad 15	Concession Road 7	Concession Road 8	1.4	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	60	50	84	
2076	Sideroad 15	South End	Concession Road 7	0.5	open ditch	rural	local	4	1	4	gravel	5	gravel	0.5	60	100	75	
2082	Sideroad 15	Concession Road 8	Concession Road 9	1.0	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	50	100	
3044	Barnstable Drive	Concession Road 7	Four Jay Way	1.7	open ditch	rural	collector	5	2	11	asphalt	9	gravel	0.9	80	1300	72	
3042	Barnstable Drive	Glenest Drive	Concession Road 7	0.5	open ditch	rural	local	3	2	9	asphalt	7	gravel	1.2	60	1400	71	
3276	Sideroad 20	Concession Road 11	Highway 12	0.9	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	150	64	
3278	Sideroad 20	Monck Road	Concession Road 11	3.3	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	60	100	93	
3076	Sideroad 20	Highway 12	Ross Road	1.9	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	60	75	85	
3076	Sideroad 20	Ross Road	South End	0.5	open ditch	rural	local	6	2	5	gravel	1	gravel	0.5	60	49	94	
32708	Sideroad 20	0.1km N of Concession Road 11	Concession Road 12	1.3	open ditch	rural	local	4	2	9	gravel	6	gravel	0.5	60	200	85	
3272	Sideroad 20	Concession Road 12	Monck Road	1.4	open ditch	rural	local	4	2	6	gravel	7	gravel	0.8	60	200	78	
3268	Sideroad 20	Highway 12	Concession Road 11	0.7	open ditch	rural	local	4	2	6	asphalt	7	gravel	1.0	60	200	87	
32704	Sideroad 20	Concession Road 11	0.1km N of Concession Road 11	0.1	open ditch	rural	local	4	2	9	asphalt	6	gravel	0.5	60	200	77	
3050	Sideroad 20	Mulvey Road	Bonnie Beach Road	0.5	open ditch	rural	local	6	1	4	gravel	5	gravel	0.5	60	49	66	
1184	Sideroad 5	Concession Road 1	Concession Road 2	1.5	open ditch	rural	local	4	2	6	gravel	7	gravel	0.5	60	125	106	
1186	Sideroad 5	Concession Road 2	Concession Road 3	1.4	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	125	94	
1188	Sideroad 5	Concession Road 3	Courty Road 47	1.4	open ditch	rural	local	4	2	6	gravel	7	gravel	0.5	60	125	95	
1182	Sideroad 5	Canal Road	Concession Road 1	1.4	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	100	87	
2104	Sideroad 5	Courty Road 46	Mundy's Lane	2.7	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	50	79	
1190	Sideroad 5	Ramara Road 47	Concession Road 5	1.4	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	50	88	
2100	Sideroad 5	Concession Road 10	Courty Road 46	1.4	open ditch	rural	local	4	2	7	gravel	6	gravel	0.5	60	125	100	
4068	Sideroad 5/6	Concession Road M/N	Downs Falls Road	0.8	no ditch	rural	local	6	1	3	earth	2	earth	0.5	60	49		
4028	Sideroad 5/6	Concession Road B/C	1.1km N of Conc Road B/C	1.3	open ditch	rural	local	4	2	5	gravel	4	gravel	0.5	60	50	62	
4030	Sideroad 5/6	1.1km N of Conc Road B/C	Concession Road D/E	1.0	open ditch	rural	local	4	1	3	gravel	2	gravel	0.5	60	50	62	
1124A	Limode Road	Ramara Road 47	1.1km W of Ramara Road 47	1.8	open ditch	semi-urban	collector	5	2	9	asphalt	7	gravel	1.2	50	2000	96	
1124B	Limode Road	1.1km W of Ramara Road 47	West End	0.2	open ditch	semi-urban	collector	5	2	9	asphalt	6	gravel	1.3	50	2000	65	
4108	Singing Pines Road	Courty Road 389	Orma Road	0.4	open ditch	semi-urban	local	6	2	5	gravel	4	gravel	0.5	40	49	100	
4072	Smith Sideroad	Monck Road	Line 2	1.4	open ditch	rural	local	4	2	6	gravel	5	gravel	0.5	60	50	95	

Ramara Road Needs Study 2025

Master List - Road Sections & Existing Conditions

Road Section Identification				Cross-Section Details														
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)	2025 AADT	PCI	
4154	Somerzet Drive	Berna Road	West End	0.3	open ditch	rural	local	6	2	6	green	5	gravel	0.5	50	49	100	
1168	South Island Trail	Laguna Parkway	West End	0.4	no ditch	semi-urban	local	6	2	9	asphalt	7	gravel	0.9	40	200	83	
2162	South River Road	County Road 109	South End	0.7	no ditch	semi-urban	local	6	2	8	surface treated	7	gravel	0.5	50	50	90	
3016	Southview Drive	Barnstable Drive	West End	0.5	open ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.2	40	250	100	
4119	Southwood Beach Boulevard	Rama Road	East End	1.2	open ditch	semi-urban	local	6	2	7	surface treated	6	gravel	0.5	40	125	79	
1018	Pay Glass Point Road	Concession Road 8	South End	0.4	open ditch	semi-urban	local	4	2	11	asphalt	7	gravel	1.9	40	75	79	
2038	Stephane Drive	Concession Road 9	0.2th Ann Avenue	0.4	open ditch	rural	local	6	2	5	gravel	4	gravel	0.5	40	75	94	
1006	Stephen Drive	Ramara Road 47	0.4km W of Ramara Road 47	0.4	open ditch	semi-urban	local	6	2	8	surface treated	6	gravel	0.7	40	200	80	
1008	Stephen Drive	0.4km W of Ramara Road 47	Stephen Drive	0.1	open ditch	semi-urban	local	6	2	8	surface treated	6	gravel	0.7	40	75	91	
1004	Stone Gate Road	Demara Road 47	West End	0.3	open ditch	semi-urban	local	6	2	5	gravel	4	gravel	0.5	40	100	84	
1038	Sunridge Lane	Surfaze Drive	East End	0.2	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.7	40	49	35	
2020	Sylvia Glen Drive	Sylvia Glen Drive	East End	0.3	open ditch	semi-urban	local	6	2	8	asphalt	6	gravel	1.0	50	49	66	
1034	Surfaze Drive	Surfaze Road	Surfaze Road	1.2	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.7	40	150	78	
4062A	Switch Road	County Road 109	Hamilton Sideroad	1.3	open ditch	rural	local	4	2	9	asphalt	7	gravel	1.0	60	500	95	
4061B	Switch Road	Hamilton Sideroad	Davy Drive	0.6	open ditch	rural	local	5	2	9	asphalt	7	gravel	1.0	50	500	96	
4094	Switch Road	Davy Drive	0.6km W of Davy Drive	0.4	open ditch	rural	local	5	2	9	asphalt	7	gravel	1.0	50	500	96	
4090B	Switch Road	0.6km W of Davy Drive	0.6km E of Rama Road	1.4	open ditch	rural	local	4	2	9	asphalt	7	gravel	1.1	80	500	96	
4090A	Switch Road	0.4km E of Rama Road	Rama Road	0.4	open ditch	rural	local	4	2	9	asphalt	7	gravel	1.1	80	500	95	
2022	Sylvia Glen Drive	New Garden Boundary Road	West End	0.7	open ditch	semi-urban	local	6	2	8	asphalt	6	gravel	1.0	50	100	90	
3028	Thickwood Place	Bayshore Drive	West End	0.7	open ditch	semi-urban	local	6	2	9	asphalt	7	earth	1.2	40	280	95	
2192	Timon Lane	Winchester Road	North End	0.2	no ditch	semi-urban	local	6	1	4	surface treated	3	earth	0.7	40	50	87	
3058	Tucay Drive	Edgheill Road	South End	0.2	open ditch	semi-urban	local	6	2	10	surface treated	7	gravel	1.3	40	50	100	
1116	Turtle Path	Poplar Crescent	0.8m S of Poplar Crescent	0.3	no ditch	semi-urban	local	6	2	9	asphalt	7	gravel	1.2	40	300	60	
1108	Turtle Path	0.8m S of Poplar Crescent	Poplar Crescent	0.9	no ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.4	40	350	65	
1016	Warner Road	Labrador Drive	East End	0.2	open ditch	semi-urban	local	6	2	10	gravel	9	gravel	0.5	50	49	79	
1174	Warrington Street	Poplar Street	Ellen Street	0.2	open ditch	semi-urban	local	6	2	8	surface treated	6	earth	1.2	40	75	79	
3206	Warrington Street	Ellen Street	Patricia Drive	0.8	open ditch	semi-urban	local	6	2	8	surface treated	6	earth	1.2	40	75	79	
4178	West River Road	Simcoe Road 189	North End	0.4	open ditch	semi-urban	local	6	2	7	surface treated	7	earth	1.0	50	125	84	
4172	Whelan Way	East River Road	West End	0.2	no ditch	semi-urban	local	6	2	6	gravel	5	gravel	0.5	40	49	88	
3132	William Street	Fountain Drive	North End	0.2	open ditch	semi-urban	local	6	2	8	surface treated	6	gravel	1.2	50	49	86	
1154	Willow Crescent	Poplar Crescent	South End	0.3	open ditch	semi-urban	local	5	2	10	asphalt	7	gravel	1.6	50	200	84	
1214	Winchester Street	Craigton Street	Patricia Drive	0.1	open ditch	semi-urban	local	6	2	5	surface treated	4	earth	0.5	40	75	91	
3212	Winchester Street	Timon Lane	Craigton Street	0.2	no ditch	semi-urban	local	6	2	6	surface treated	5	gravel	0.5	50	75	100	
3106	Woodland Drive	Mutae Park Road	South End	0.2	open ditch	semi-urban	local	6	2	9	surface treated	8	gravel	0.5	50	125	82	
3062	Zachary Crescent	Kurtis Drive	Kurtis Drive	0.3	open ditch	semi-urban	local	6	2	10	asphalt	7	gravel	1.9	50	125	89	

Appendix D: Road Standards

Standards, Guidelines & Assumptions

ROAD DESIGN STANDARDS											TOLERABLE STANDARDS	
Environment	Road Class		Surface Type	Through Lane	Shoulder Width	Surface Course	Base Course	Asphalt Depth	Granular A Depth	Granular B Depth	Through Lane	Shoulder Width
				m	m	mm	mm	mm	mm	mm	m	m
Rural	local	R1	see note 1	3	1.0	40	50	90	150	300	3.0	0.5
	collector	R2	see note 1	3.5	1.0	40	50	90	150	450	3.0	0.5
	arterial	R3	asphalt	3.5	1.0	40	50	90	150	450	3.0	0.5
Semi-Urban	local	S1	see note 2	3	1.0	40	50	90	150	300	3.0	0.5
	collector	S2	see note 2	3.5	1.0	40	50	90	150	450	3.0	0.5
	arterial	S3	asphalt	3.5	1.0	40	50	90	150	450	3.0	0.5
Urban	local	U1	asphalt	4.25		40	50	90	150	300	3.0	
	collector	U2	asphalt	3.5		40	50	90	150	450	3.0	
	arterial	U3	asphalt	3.5		40	50	90	150	450	3.0	

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

Appendix E: Road Deficiencies & Improvements

Remare Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details					Deficiencies & Needs														Improvement Strategy												
Asset ID	Road Name	From	To	Length (mi)	2025 ADMT	Geometrics			Surface Condition				Surface Type				Surface Width				Shoulder	Capacity	Drainage		PCI	Road Improvement	Drill Improvement	Time	Value	Priority Rating	
						street	existing	need	existing	need	existing	existing	need	need	need	need	existing	need	need	need	need	existing	need								
4008	Airport Road	Port Steward	Harford Street	2.2	500	adeq	good	adeq	surfaced	asphalt	gravel	adeq	8.2	6	adeq	adeq	adeq	open ditch	adeq	77	PR						6-10 years	\$500,000	21		
4010	Airport Road	Borne Road	West End	0.3	50	adeq	very good	adequate	gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	adeq	82	maintenance only											
4016	John Carls Road	Corbett Road/B/C	South End	0.8	48	adeq	good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	87	maintenance only											
4040	Amelia Lane	Corbett	Port End	1.6	140	adeq	good	adeq	surfaced	surfaced	gravel	adeq	7.0	6	adeq	adeq	adeq	no ditch	now	79	WR										
4064	Amelia Drive	Corbett Drive	Star Lane	0.7	200	adeq	good	adequate	surfaced	gravel	adeq	5.2	6	0.80	adeq	adeq	no ditch	now	80	WR											
4110	Anderson Avenue	Courland Street	1.0 mi E of Courland Street	1.0	200	adeq	very good	adequate	asphalt	gravel	adeq	5.0	6	adeq	0.15	adeq	no ditch	now	90												
4146	Anderson Avenue	1.0 mi E of Courland Street	Star End	0.4	40	adeq	fair	surfaced	asphalt	gravel	adeq	5.0	6	adeq	0.25	adeq	open ditch	adeq	74	PR								5-10 years	\$160,000	36	
4170	Aut Croward	West Croward	South End	0.3	48	1	1	fair	surfaced	surface treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	74	PR							6-10 years	\$40,000	36	
4146	Aut Drive	Star Plan Drive	Harford Lane	0.3	48	adeq	very good	adequate	gravel	gravel	adeq	6.5	6	adeq	adeq	adeq	no ditch	now	100	maintenance only											
5008	Barnum Road	Harford Drive	Marine Drive	0.2	1100	adeq	good	adequate	asphalt	asphalt	adeq	6.0	6	adeq	adeq	adeq	storm sewer	adeq	82												
5010	Barnum Road	Marine Drive	Courland Street	0.3	1100	adeq	fair	surfaced	asphalt	asphalt	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	70	PR								1-5 years	\$118,000	34	
5044	Barnum Road	Highway 12	Courland Street	0.7	800	adeq	fair	surfaced	asphalt	surface treated	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	71	PR								6-10 years	\$283,000	28	
5018	Baythens Drive	Barnstable Drive	1.0 mi W of Barnstable Drive	1.1	1800	adeq	good	adequate	asphalt	asphalt	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	89												
5020	Baythens Drive	1.0 mi W of Barnstable Drive	1/2 mi E of Thickwood Place	1.8	1800	adeq	good	adequate	asphalt	surface treated	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	88												
5022	Baythens Drive	1.0 mi W of Barnstable Drive	Barnum Court	0.6	1200	adeq	very good	adequate	asphalt	asphalt	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	90												
5024	Baythens Drive	Barnum Court	Thickwood Place	0.3	400	adeq	very good	adequate	asphalt	surface treated	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	90												
5088	Bayview Avenue	Bayview Court	0.5 mi N of Midway Park Road	0.3	50	adeq	fair	adequate	gravel	gravel	adeq	5.2	6	0.80	adeq	adeq	no ditch	now	83	WR									6-10 years	\$86,000	23
5098	Bayview Avenue	Midway Park Road	0.5 mi N of Midway Park Road	0.3	150	adeq	fair	surfaced	asphalt	gravel	adeq	5.7	6	adeq	adeq	adeq	no ditch	now	72	PR									4-10 years	\$151,000	21
1012	Belly Green Drive	Mar Road	West End	0.3	100	adeq	good	adequate	gravel	gravel	adeq	6.0	6	2.00	adeq	adeq	no ditch	now	84	WR									4-10 years	\$131,000	11
1040	Beard Drive	Coast Road	0.5 mi N of Coast Road	0.5	250	adeq	good	adequate	surface treated	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	84	WR											
6118	Beard Drive	Coast Road	South End	0.6	120	adeq	very good	adequate	surface treated	gravel	adeq	5.0	6	1.00	adeq	adeq	no ditch	now	90	WR											
1046	Beard Top	Star Avenue	Star End	0.4	120	adeq	very good	adequate	asphalt	gravel	adeq	6.0	6	adeq	adeq	adeq	no ditch	now	90												
4146	Bedford Lane	Star Plan Drive	Star End	0.2	48	adeq	good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	no ditch	now	88												
4176	Beck Drive	Bayview Road	North End	1.4	250	adeq	fair	surfaced	surface treated	gravel	adeq	5.7	6	adeq	adeq	adeq	no ditch	now	64	PR									1-5 years	\$770,000	30
4114	Bedford Street	Airport Road	Star End	0.8	300	adeq	fair	surfaced	asphalt	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	89	PR									1-5 years	\$340,000	38
4112	Bedford Street	Shale Drive	Airport Road	0.6	120	2	very good	adequate	gravel	gravel	adeq	4.5	6	1.00	adeq	adeq	open ditch	adeq	81	WR											
8004	Bentley Beach Road	Star End	0.5 mi E of Star End Road	0.5	200	adeq	good	adequate	asphalt	gravel	adeq	6.0	6	adeq	0.00	adeq	open ditch	adeq	84												
8006	Bentley Beach Road	Marine Park Road	Airport Road	0.3	100	adeq	fair	surfaced	asphalt	surface treated	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	87	PR									1-5 years	\$90,000	32
2002	Bentley Beach Road	Star End	0.5 mi W of Star End	0.5	100	adeq	good	adequate	gravel	gravel	adeq	6.0	6	1.00	adeq	adeq	open ditch	adeq	79	WR											
4010	Bentley Street	Star End	West End	0.3	120	adeq	very good	adequate	asphalt	gravel	adeq	10.0	6	adeq	adeq	adeq	storm sewer	adeq	94												
4040	Bentley Street	County Road 100	Highway Road	0.3	400	adeq	good	adequate	surface treated	surface treated	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	98	PR									6-10 years	\$400,000	39
5078	Bevel Road	Star End	0.3	300	adeq	very good	adequate	asphalt	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	100													
5078	Bevel Road	Star End	0.3	250	adeq	very good	adequate	asphalt	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	100													
1040	Bevel Road	1.0 mi E of Star End	1.0 mi E of Star End	0.3	250	adeq	very good	adequate	asphalt	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	100												
4062	Bevel Road	1.0 mi E of Star End	1.0 mi E of Star End	1.1	250	2	very good	adequate	asphalt	gravel	adeq	7.0	6	adeq	0.00	adeq	open ditch	adeq	100												
4061	Bevel Road	1.0 mi E of Star End	1.0 mi E of Star End	0.6	400	adeq	very good	adequate	asphalt	gravel	adeq	7.0	6	adeq	0.00	adeq	open ditch	adeq	100												
1040	Bevel Road	1.0 mi E of Star End	1.0 mi E of Star End	0.6	250	adeq	very good	adequate	asphalt	gravel	adeq	5.0	6	adeq	0.00	adeq	open ditch	adeq	100												
2040	Bevel Road	1.0 mi E of Star End	1.0 mi E of Star End	0.2	75	adeq	good	adequate	gravel	gravel	adeq	2.0	6	1.70	adeq	adeq	open ditch	adeq	90	WR											
1046	Bevel Street	Courland Street	Marine Street	0.2	75	adeq	fair	surfaced	surface treated	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	70	PR									6-10 years	\$10,000	38
4170	Bevel Street	Star End	North End	0.3	48	adeq	good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	87	maintenance only											
4130	Bevel Street	Star End	North End	0.6	48	adeq	good	adequate	gravel	gravel	adeq	5.0	6	2.00	adeq	adeq	no ditch	now	77	maintenance only											
1130	Bevel Street	Courland Street	Star End	0.3	120	adeq	good	adequate	asphalt	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	78	PR									4-10 years	\$130,000	17
1070	Bevel Street	Star End	Star End	0.3	48	adeq	very poor	FALSE	earth	gravel	adeq	1.0	6	4.00	adeq	adeq	open ditch	adeq	now	0	maintenance only										
1074	Bevel Street	Star End	Star End	0.3	48	adeq	very poor	FALSE	earth	gravel	adeq	1.0	6	2.00	adeq	adeq	open ditch	adeq	now	0	maintenance only										
1076	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	90												
1078	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	90												
1070	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	0.50	adeq	adeq	open ditch	adeq	88	WR											
5110	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	1.50	adeq	adeq	open ditch	adeq	83	maintenance only											
1138	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	asphalt	surface treated	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	84												
5110	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	83	maintenance only											
5118	Bevel Street	Star End	Star End	0.3	150	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	83	maintenance only											

App E - Deficiencies & Improvements

Remare Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details					Performance & Needs														Improvement Strategy						
Asset ID	Road Name	From	To	Length (mi)	2025 ADMT	Geometry		Surface Condition		Surface Type		Surface Metrics		Moisture		Capacity		Drainage		PCI	Road Requirement	DRB Improvement	Time	Value	Priority Rating
						street	round	existing	needed	existing	needed	existing	needed	existing	needed	existing	needed	existing	needed						
1000	Concession Road 5	Stewart 5	Here-Carson Boundary Road	1.1	75	adeq		very good	adequate	gravel	gravel	adeq	8.1	6	adeq	adeq	adeq	open ditch	adeq	81					
2002	Concession Road 6	Highway 12	0.5 mi W of Highway 12	0.2	50	adeq		very good	adequate	asphalt	gravel	adeq	8.2	6	adeq	adeq	adeq	open ditch	adeq	100	maintenance only				
2005	Concession Road 6	0.5 mi W of Highway 12	0.5 mi W of Highway 12	0.6	48	adeq		good	adequate	gravel	gravel	adeq	1.0	6	2.00	adeq	adeq	no ditch	now	77	maintenance only				
4004	Concession Road 4	County Road 189	West End	1.4	46	adeq		poor	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	49	maintenance only				
2008	Hattie Road	Here-Carson Boundary	West End	1.4	46	adeq		good	adequate	gravel	gravel	adeq	4.2	6	2.00	adeq	adeq	open ditch	adeq	85	maintenance only				
3004	Concession Road 7	Bertram Drive	Local Lane	1.0	552	adeq		good	adequate	asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	82					
3002	Concession Road 7	Stewart 25	Stewart 25	2.2	702	adeq		good	adequate	asphalt	surface treated	adeq	8.2	6	adeq	adeq	adeq	open ditch	adeq	94					
2014	Concession Road 7	Stewart 389	0.5 mi E of Stewart Road 389	1.4	48	adeq		poor	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	72	maintenance only				
2018	Concession Road 7	0.5 mi E of Stewart Road 389	0.5 mi E of Stewart Road 389	2.5	48	adeq		very poor	FALSE	earth	gravel	adeq	2.4	6	5.00	adeq	adeq	open ditch	now	0	maintenance only				
3010	Concession Road 7	Stewart 15	Highway 12	2.5	702	adeq		poor	surface	asphalt	surface treated	adeq	8.2	6	adeq	adeq	adeq	open ditch	adeq	84	PR	1-5 years	\$168,000	17	
2012	Concession Road 7	Highway 12	County Road 189	0.8	128	adeq		poor	surface	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	80	WR	now	\$168,000	16	
2018	Black Beach Lane	Here-Carson Boundary Road	West End	1.0	100	adeq		very poor	adequate	gravel	gravel	adeq	4.2	6	2.00	adeq	adeq	open ditch	adeq	83	WR			\$182,000	5
3016	Bertram Drive	Paul Jay Road	Major Road Road	1.6	1200	adeq		good	adequate	asphalt	asphalt	adeq	8.2	6	adeq	adeq	adeq	open ditch	adeq	84					
3004	Concession Road 8	Paul Jay Road	Stewart 25	0.8	46	adeq		very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	open ditch	adeq	0	maintenance only				
2010	Concession Road 8	County Road 189	0.5 mi E of County Road 189	1.4	46	adeq		good	adequate	gravel	gravel	adeq	4.2	6	2.00	adeq	adeq	open ditch	adeq	89	maintenance only				
2010	Concession Road 8	0.5 mi E of County Road 189	0.5 mi E of County Road 189	0.7	46	adeq		very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	open ditch	now	0	maintenance only				
2008	Concession Road 8	Highway 12	County Road 189	1.8	76	adeq		very good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	83	WR			\$176,000	8
3008	Concession Road 9	Ross Road	0.5 mi E of Ross Road	2.0	48	adeq		very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	open ditch	now	0	maintenance only				
3006	Concession Road 9	0.5 mi E of Stewart 25	Stewart 25	1.2	16	adeq		very poor	FALSE	earth	gravel	adeq	2.0	6	4.20	adeq	adeq	open ditch	now	0	maintenance only				
2004	Concession Road 9	Stewart Road 389	0.5 mi E of Stewart Road 389	1.0	150	adeq		good	adequate	surface treated	gravel	adeq	8.0	6	adeq	adeq	adeq	open ditch	adeq	86					
3004	Concession Road 9	0.5 mi E of Stewart Road 389	0.5 mi E of Stewart Road 389	0.7	100	adeq		poor	adequate	gravel	gravel	adeq	8.1	6	adeq	adeq	adeq	open ditch	adeq	72					
3014	Concession Road 9	Highway 12	County Road 189	2.7	125	adeq		good	adequate	gravel	gravel	adeq	5.8	6	0.50	adeq	adeq	open ditch	adeq	76	WR			\$168,000	17
3000	Concession Road 9	0.5 mi E of County Road 189	0.5 mi E of Stewart Road 389	1.2	100	adeq		good	adequate	gravel	gravel	adeq	5.5	6	0.70	adeq	adeq	open ditch	adeq	84	WR			\$220,000	11
3000	Concession Road 9	0.5 mi E of County Road 189	Salem Delongue	1.5	100	adeq		good	adequate	gravel	gravel	adeq	4.5	6	1.50	adeq	adeq	open ditch	adeq	84	WR			\$367,000	11
2012	Concession Road 9	Stewart 15	Highway 12	0.4	76	adeq		good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	open ditch	adeq	80	WR			\$102,000	13
3010	Major Road	Major Road Road	Stewart 25	2.4	100	adeq		very good	adequate	gravel	gravel	adeq	1.0	6	2.00	adeq	adeq	open ditch	adeq	84	WR			\$182,000	5
2012	Concession Road A	West End	Lakeview Drive	0.1	46	adeq		very good	adequate	gravel	gravel	adeq	4.0	6	1.00	adeq	adeq	open ditch	now	0	maintenance only				
1046	Concession Road A	Paul Road	Remare Road 47	0.0	120	adeq		good	adequate	asphalt	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	84					
1048	Concession Road A	Remare Road 47	0.5 mi W of Highway 12	2.1	200	adeq		good	adequate	asphalt	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	85					
1010	Concession Road A	0.5 mi W of Highway 12	Highway 12	0.8	480	adeq		good	adequate	asphalt	surface treated	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	88					
1010	Concession Road A	Remare Road 51	Paul Road	0.3	120	adeq		good	adequate	asphalt	gravel	adeq	8.2	6	adeq	adeq	adeq	open ditch	adeq	88					
1008	Concession Road A	0.5 mi W of Canal Road	0.5 mi W of Canal Road	0.1	48	adeq		very poor	FALSE	earth	gravel	adeq	1.0	6	5.00	adeq	adeq	open ditch	now	0	maintenance only				
1046	Concession Road A	Johnson Drive	Paul Road	0.5	100	adeq		good	adequate	surface treated	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	78	WR	6-10 years	\$58,000	18	
1008	Concession Road A	Canal Road	0.5 mi W of Canal Road	0.4	46	adeq		very good	adequate	gravel	gravel	adeq	1.0	6	2.00	adeq	adeq	open ditch	adeq	100	WR			\$108,000	2
1008	Concession Road A	West End	Paul Road	0.0	600	adeq		very poor	adequate	asphalt	asphalt	adeq	1.0	6	adeq	adeq	adeq	open ditch	adeq	61					
1014	Concession Road B	Paul Road	Remare Road 47	0.8	480	adeq		good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	92	maintenance only				
1006	Concession Road B	Furness Drive	Paul Road	1.0	100	adeq		very good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	92	WR			\$501,000	6
4018	Concession Road B/C	Paul Road	Paul Road	1.5	500	adeq		good	adequate	asphalt	surface treated	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	85					
4010	Concession Road B/C	Bertram-Canal Boundary Road	West End	0.2	46	adeq		good	adequate	gravel	gravel	adeq	1.0	6	2.00	adeq	adeq	open ditch	adeq	94	maintenance only				
4018	Concession Road B/C	Stewart 5/6	Paul Carrock Road	1.5	500	adeq		good	adequate	asphalt	surface treated	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	75	PR	6-10 years	\$543,000	14	
4014	Concession Road B/C	County Road 189	Stewart 5/6	2.5	550	adeq		good	adequate	asphalt	surface treated	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	78	PR			\$871,000	21
4012	Concession Road D/C	Remare Road Boundary Road	West End	1.2	120	adeq		poor	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	63					
4010A	Concession Road D/E	County Road 189	0.5 mi E of Stewart Road 389	0.2	76	adeq		good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	84					
4012	Concession Road D/E	Oliver Road	Stewart 5/6	1.3	48	4		poor	adequate	gravel	gravel	adeq	2.2	6	5.00	adeq	adeq	open ditch	adeq	69	maintenance only				
4000	Concession Road D/E	0.5 mi E of County Road 189	Paul Road	0.8	50	adeq		good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	76	maintenance only				
4016	Concession Road F/G	County Road 189	Paul Road	1.1	48	7		poor	adequate	gravel	gravel	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	73	maintenance only				
4040	Concession Road H/I	Black Road	Black Road	1.4	50	adeq		good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	86	maintenance only				
4050	Concession Road H/I	Orank Sidewalk	0.5 mi E of Orank Sidewalk	0.8	76	adeq		poor	adequate	gravel	gravel	adeq	5.1	6	adeq	adeq	adeq	open ditch	adeq	70					
4006	Concession Road H/I	0.5 mi E of Orank Sidewalk	McClintock Sidewalk	1.0	76	adeq		poor	adequate	gravel	gravel	adeq	5.1	6	adeq	adeq	adeq	open ditch	adeq	70					

Remare Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details										Performance & Needs										Improvement Strategy								
Asset ID	Road Name	From	To	Length (mi)	2025 ADMT	Geometrics		Surface Condition		Surface Type				Surface Width		Structure		Capacity		Drainage		PCI	Road Improvement	Drill Improvement	Time	Value	Priority Rating	
						street	existing	need	existing	existing	existing	need	existing	substandard	need	street	need	street	need	existing	need							
4006	Concession Road 14 N	McArthur Sidedroad	King Road Road	2.2	50	adeq	very good	adequate	gravel	gravel	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	83	maintenance only								
5000	Coppers Road	Delridge Drive	North End	0.3	48	adeq	very good	adequate	gravel	gravel	adeq	7.0	6	1.00	adeq	adeq	no ditch	new	100	WR		1 ditch work			\$58,000	5		
5151	Courtland Street	Whitney Road	0.5 km N of Whitney Road	0.8	860	adeq	good	adequate	surface treated	surface treated	adeq	6.7	6	adeq	adeq	adeq	open ditch	adeq	87									
5152	Courtland Street	Whitney Rd		1.0	790	adeq	good	adequate	surface treated	surface treated	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	76									
5156	Courtland Street	0.5 km N of Whitney Road	Beaman Road	1.0	1200	adeq	good	adequate	surface treated	asphalt	adeq	6.1	6	adeq	adeq	adeq	open ditch	adeq	80	PI			6-10 years	\$160,000	12			
5170	Courtland Street	Beaman Road	Caroline Street	0.3	850	adeq	good	adequate	surface treated	surface treated	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	76	PI			6-10 years	\$110,000	12			
5172	Courtland Street	Caroline Street	Anderson Avenue	0.2	250	adeq	good	adequate	surface treated	gravel	adeq	6.2	6	adeq	adeq	adeq	open ditch	adeq	78	PI			6-10 years	\$21,000	17			
5192	Courtland Street	Cloughlin Street	Stella Drive	0.3	48	adeq	fair	surface	asphalt	gravel	adeq	5.6	6	0.40	adeq	adeq	no ditch	new	60	WR		1 ditch work			1-5 years	\$35,000	15	
5198	Craigston Street	Beaman Road	Winchester Street	0.2	1500	adeq	good	adequate	asphalt	asphalt	adeq	6.5	6	adeq	adeq	adeq	no ditch	new	82									
5199	Craigston Street	Winchester Street	Highway 12	0.5	1800	adeq	good	adequate	asphalt	asphalt	adeq	6.1	6	adeq	adeq	adeq	open ditch	adeq	78	PI			4-10 years	\$180,000	17			
5198	Craigston Street	Prager Street	Beaman Road	0.8	700	adeq	good	adequate	asphalt	surface treated	adeq	6.8	6	adeq	adeq	adeq	open ditch	adeq	78	PI			6-10 years	\$190,000	13			
5241	Craigston Street	Homestead Avenue	Prager Street	0.3	200	adeq	good	adequate	asphalt	gravel	adeq	6.6	6	adeq	adeq	adeq	open ditch	adeq	76	PI			6-10 years	\$212,000	18			
5251	Craigston Street North	Highway 12	North End	0.8	90	adeq	fair	surface	asphalt	gravel	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	57	PI			1-5 years	\$243,000	26			
526	Crook Sidedroad	McArthur Road	Concession Road 14 N	2.2	40	adeq	good	adequate	gravel	gravel	adeq	1.0	6	1.00	adeq	adeq	open ditch	adeq	78	maintenance only								
20403	Delverville Drive	0.5 km S of Concession Road 9	South End	0.4	40	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	adeq	adeq	adeq	no ditch	new	80									
20424	Delverville Drive	Concession Road 9	0.5 km S of Concession Road 9	0.4	40	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	0.25	adeq	adeq	no ditch	new	80	WR		1 ditch work				\$58,000	12	
5160	Dewar Street	Wheeler Street (north intersection)	East End	0.2	48	adeq	fair	surface	surface treated	gravel	adeq	4.3	6	adeq	adeq	adeq	open ditch	adeq	64	PI			1-5 years	\$37,000	13			
5162	Dewar Street	Wheeler Street (south intersection)	East End	0.2	48	adeq	fair	surface	surface treated	gravel	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	62	PI			1-5 years	\$50,000	13			
4088	Dewy Drive	Beulah Road	North End	1.3	200	adeq	very good	adequate	asphalt	gravel	adeq	6.8	6	adeq	adeq	adeq	open ditch	adeq	84									
5159	Dewar Road	Switch Drive	West End	0.2	16	adeq	very good	adequate	surface treated	gravel	adeq	5.8	6	0.20	0.20	adeq	open ditch	new	94	maintenance only								
4154	Dick Road	Beaman Drive	Beaman Drive	0.2	300	adeq	fair	surface	surface treated	gravel	adeq	5.5	6	0.20	0.20	adeq	open ditch	adeq	73	WR			6-10 years	\$41,000	23			
4041	Doddie Carrick Lane	High Caroline Road	0.5 km E of High Caroline Road	0.3	40	adeq	good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	open ditch	adeq	76	maintenance only								
4036	Doddie Carrick Lane	0.5 km E of High Caroline Road	North End	1.1	48	adeq	good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	no ditch	new	76	maintenance only								
4180	Douglas Drive	County Road 189	South End	0.6	75	adeq	good	adequate	asphalt	gravel	adeq	5.0	6	adeq	adeq	adeq	no ditch	new	77	PI		1 ditch work			5-10 years	\$203,000	15	
4196	East River Road	County Road 189	South End	1.0	100	2	good	surface	surface treated	gravel	adeq	4.7	6	adeq	0.10	adeq	open ditch	adeq	76	PI			6-10 years	\$146,000	15			
3056	Edgelynn Road	Bornie Beach Road	East End	0.8	300	adeq	very good	adequate	surface treated	gravel	adeq	7.2	6	adeq	adeq	adeq	open ditch	adeq	100									
5202	Ellis Street	Washington Street	Watson Drive	0.2	50	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	84									
3031	Ellis Street	Watson Drive	Cloughlin Street	0.2	75	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	84									
4110	Ellis Drive	Beama Road	West End	0.3	75	adeq	very good	adequate	gravel	gravel	adeq	4.0	6	1.00	adeq	adeq	open ditch	new	91	WR		1 ditch work				\$58,000	3	
3204	Ellis Drive	Concession Road A	South End	0.2	40	adeq	good	adequate	asphalt	gravel	adeq	5.2	6	adeq	adeq	adeq	open ditch	adeq	86									
4044	Farguents Road	County Road 189	Beama Sidedroad	1.3	400	adeq	very good	adequate	asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	86									
4048A	Farguents Road	0.5 km E of Concession Road	0.5 km E of Concession Sidedroad	0.5	800	adeq	good	adequate	asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	84									
4048B	Farguents Road	0.5 km E of Concession Road	McArthur Sidedroad	1.6	600	adeq	good	adequate	surface treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	84									
4050A	Farguents Road	McArthur Sidedroad	0.5 km E of McArthur L/R	0.6	750	adeq	very good	adequate	surface treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	86									
4050C	Farguents Road	0.5 km E of McArthur L/R	0.5	800	adeq	good	adequate	surface treated	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	89										
4049	Farguents Road	0.5 km E of McArthur L/R	Beama Station Sidedroad Line	0.9	550	adeq	very good	adequate	gravel	surface treated	new	6.0	6	adeq	adeq	adeq	open ditch	adeq	109									
4046	Farguents Road	Beama Sidedroad	0.5 km S	1.1	580	adeq	good	adequate	asphalt	surface treated	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	77	PI			6-10 years	\$190,000	15			
3032	Farguents Road	Concession Road 21	East End	1.0	300	adeq	good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	78									
3035	Farguents Road	Wheeler Road	Beama Beach Sidedroad	0.7	48	adeq	very good	adequate	gravel	gravel	adeq	4.0	6	0.20	adeq	adeq	open ditch	adeq	94	maintenance only								
3036	Farguents Road	David Road	Concession Road 10	1.4	350	adeq	good	adequate	gravel	gravel	adeq	5.4	6	0.60	adeq	adeq	open ditch	adeq	77	WR			1 ditch work			\$336,000	16	
4105	Farguents Road	Beama Road A	Concession Road 11	0.2	700	adeq	good	adequate	gravel	gravel	adeq	5.4	6	0.20	adeq	adeq	no ditch	new	94	WR			1 ditch work			\$22,000	11	
3038	Farguents Road	Concession Road 10	Wheeler Road	1.2	300	2	very good	adequate	gravel	gravel	adeq	5.4	6	0.60	adeq	adeq	open ditch	adeq	85	WR								
3036	Farm Bay Road	Beama Road	0.5 km W of Beama Road	0.2	350	adeq	fair	surface	surface treated	gravel	adeq	5.6	6	0.40	0.20	adeq	open ditch	new	71	WR			1 ditch work			6-10 years	\$18,000	26
3038	Farm Bay Road	Beama Road	0.5 km W of Beama Road	0.8	280	adeq	good	adequate	surface treated	gravel	adeq	5.8	6	0.40	0.20	adeq	no ditch	new	61	WR			1 ditch work			\$180,000	17	
3040	Farm Bay Road	Beama Road	0.5 km W of Beama Road	0.6	1700	adeq	very good	adequate	asphalt	asphalt	adeq	6.4	6	adeq	adeq	adeq	open ditch	adeq	100									
3040	Farm Bay Road	Beama Road	West End	0.3	1700	adeq	good	adequate	asphalt	asphalt	adeq	6.4	6	adeq	adeq	adeq	open ditch	adeq	89									
3039	Farm Bay Lane	Highway Drive	East End	0.4	480	adeq	very good	adequate	asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	open ditch	adeq	85									
3140	Ferguson Avenue	Cloughlin Street	East End	0.4	135	adeq	fair	surface	surface treated	gravel	adeq	6.4	6	adeq	adeq	adeq	open ditch	new	93	PI			1 ditch work			\$74,000	10	
3030	Ferguson Drive	Concession Road 8	North End	0.4	200	adeq	very good	adequate	gravel	gravel	adeq	4.8	6	1.40	adeq	adeq	open ditch	adeq	100	WR								
5138	Ferguson Drive	Watson Drive	Watson Drive	0.2	75	adeq	good	adequate	gravel	gravel	adeq	7.0	6	adeq	adeq	adeq	no ditch	new	79									
5139	Ferguson Drive	Watson Drive	Watson Drive	0.3	280	adeq	very good	adequate	surface treated	gravel	adeq	6.8	6	adeq	adeq	adeq	open ditch	adeq	81									

Remare Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details										Performance & Needs										Improvement Strategy							
Asset ID	Road Name	From	To	Length (mi)	2025 ADMT	Geometrics		Surface Condition		Surface Type				Surface Width		Structure		Capacity		Drainage		FCI	Road Improvement	Drill Improvement	Time	Value	Priority Rating
						asmt	existing	asmt	existing	asphalt	gravel	asmt	existing	shoulder	asmt	existing	shoulder	asmt	existing	asmt	existing						
1100	Lone Birch Trail	Grange Road	Maple Trail	0.1	300	adeq	fair	resurfaced	surface treated	gravel	adeq	5.0	6	1.00	adeq	adeq	adeq	adeq	adeq	adeq	55	WR	1-drill work	1-5 years	\$55,000	10	
1102	Lone Birch Trail	Maple Trail	West End	0.2	100	adeq	fair	resurfaced	surface treated	gravel	adeq	4.2	6	1.80	adeq	adeq	adeq	adeq	adeq	adeq	55	WR	1-drill work	1-5 years	\$51,000	13	
1118	Longfarmsville Road	Amelia Drive	Old Elm & Barna Road	0.8	200	adeq	very good	adequate	asphalt	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	66						
1140	Longfarmsville Road	Amelia Drive	Corcoran on Road 1	1.0	200	2	very good	adequate	gravel	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	66		maintenance only				
3006	Louis Lane	Amelia Drive	Corcoran on Road 1	1.0	200	2	very good	adequate	gravel	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	100						
4000	Lowlands Lane	Henke Road	South End	0.3	40	adeq	very good	adequate	surface treated	gravel	adeq	5.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	94						
4126	Maple Avenue	Barna Road	West End	0.8	200	adeq	good	adequate	gravel	gravel	adeq	5.0	6	2.00	adeq	adeq	adeq	adeq	adeq	adeq	66	WR	1-drill work		\$281,000	20	
5034	Maple Glen	Bedfordwood Trail	Maple Glen Drive	0.0	100	adeq	very good	adequate	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	95						
1118	Maple Trail	Lakehurst Drive	Lone Birch Trail	0.1	300	adeq	fair	resurfaced	surface treated	gravel	adeq	4.2	6	1.80	adeq	adeq	adeq	adeq	adeq	adeq	65	WR	1-drill work	1-5 years	\$54,000	28	
3103	Maplewood Boundary Road	Black Mt Rd & Maplewood Lane	1 Mile W of Black Mount Lane	0.2	100	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	90						
1137	Maplewood Boundary Road	0.5 mi E of County Road 47	2.5 mi E of County Road 47	2.0	300	adeq	poor	reconstruct	asphalt	gravel	adeq	6.2	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	78	REC		now	\$2,366,000	10	
1136	Maplewood Boundary Road	County Road 47	2.5 mi E of County Road 47	0.7	300	adeq	poor	reconstruct	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	78	REC		now	\$719,000	12	
1102	Maplewood Boundary Road	County Road 47	2.5 mi E of County Road 47	1.5	300	adeq	very good	adequate	surface treated	gravel	adeq	7.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	100						
1137	Maplewood Boundary Road	County Road 47	2.5 mi E of County Road 47	1.5	300	adeq	very good	adequate	surface treated	gravel	adeq	7.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	100						
2076	Maplewood Boundary Road	Maplewood Boundary Road	West End	1.2	40	adeq	very poor	FALSE	earth	gravel	adeq	2.0	6	3.00	adeq	adeq	adeq	adeq	adeq	adeq	0		maintenance only				
2072	Maplewood Boundary Road	County Road 47	West End	0.2	40	adeq	very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	adeq	adeq	adeq	adeq	0		maintenance only				
2071	Maplewood Boundary Road	County Road 47	South End	0.8	40	adeq	very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	adeq	adeq	adeq	adeq	0		maintenance only				
5104	Maplewood Boundary Road	County Road 47	Maplewood Road	0.2	40	adeq	good	adequate	gravel	gravel	adeq	7.4	6	3.40	adeq	adeq	adeq	adeq	adeq	adeq	80		maintenance only				
1048	Maplewood Boundary Road	County Road 47	West End	0.3	40	adeq	very poor	FALSE	earth	gravel	adeq	2.4	6	3.40	adeq	adeq	adeq	adeq	adeq	adeq	0		maintenance only				
3052	Maplewood Boundary Road	County Road 47	South End	0.5	200	adeq	good	adequate	asphalt	gravel	adeq	5.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	88						
4002	Maplewood Road	County Road 47	South End	0.2	40	adeq	good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	adeq	adeq	adeq	adeq	88		maintenance only				
1132	Maplewood Road	County Road 47	South End	0.2	200	adeq	good	adequate	asphalt	gravel	adeq	5.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	78	PR	1-drill work	5-10 years	\$66,000	16	
4002	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.2	200	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	100						
4003	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.8	300	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	100						
4004	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	300	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	79	PR		6-10 years	\$40,000	18	
4005	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.2	300	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	100						
1138	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	200	adeq	fair	resurfaced	surface treated	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	66	PR		1-5 years	\$41,000	21	
1141	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	60	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	91						
3002	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	200	adeq	good	adequate	asphalt	asphalt	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	66						
3000	Maplewood Road	County Road 47	Maplewood Boundary Rd N	1.4	1800	adeq	fair	resurfaced	asphalt	asphalt	adeq	5.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	74	PR		0-10 years	\$500,000	19	
1104	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.8	100	adeq	fair	resurfaced	asphalt	surface treated	adeq	7.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	68	PR	1-drill work	1-5 years	\$700,000	14	
1038	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.2	40	adeq	good	adequate	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	77	PR		0-10 years	\$50,000	14	
1040	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.2	40	adeq	fair	resurfaced	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	73	PR		0-10 years	\$50,000	17	
1040	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.2	40	adeq	very good	adequate	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	96						
1072	Maplewood Road	County Road 47	Maplewood Boundary Rd N	1.4	2000	adeq	good	adequate	asphalt	asphalt	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	89						
10710	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.0	4000	adeq	good	adequate	asphalt	asphalt	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	61						
10744	Maplewood Road	County Road 47	Maplewood Boundary Rd N	1.2	2000	adeq	good	adequate	asphalt	asphalt	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	77	PR		0-10 years	\$400,000	15	
10680	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.0	300	adeq	fair	resurfaced	asphalt	asphalt	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	62	PR		1-5 years	\$200,000	19	
1040	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.0	100	adeq	good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	adeq	adeq	adeq	adeq	79	WR	1-drill work		\$100,000	16	
10403	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.0	150	adeq	good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	adeq	adeq	adeq	adeq	86	WR	1-drill work		\$110,000	19	
4106	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.0	200	adeq	fair	resurfaced	asphalt	gravel	adeq	5.0	6	1.00	adeq	adeq	adeq	adeq	adeq	adeq	79	WR	1-drill work	6-10 years	\$110,000	24	
1040	Maplewood Road	County Road 47	Barna Road	0.0	125	adeq	very good	adequate	gravel	gravel	adeq	7.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	95						
1046	Maplewood Road	County Road 47	Maplewood Boundary Rd N	1.2	400	adeq	good	adequate	surface treated	surface treated	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	89						
1040	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.8	200	adeq	good	adequate	surface treated	surface treated	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	77	PR	1-drill work	0-10 years	\$100,000	16	
1018	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	50	adeq	good	adequate	asphalt	gravel	adeq	6.4	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	76	PR		0-10 years	\$41,000	14	
1018	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	40	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	2.00	adeq	adeq	adeq	adeq	adeq	adeq	94	WR			\$177,000	3	
4100	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	40	adeq	good	adequate	surface treated	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	83						
1106	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	100	adeq	good	adequate	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	83						
1141	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	100	adeq	very good	adequate	asphalt	gravel	adeq	6.7	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	80						
1040	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	80	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	81		maintenance only				
1131	Maplewood Road	County Road 47	Maplewood Boundary Rd N	0.1	125	adeq	good	adequate	asphalt	gravel	adeq	6.0	6	6.00	adeq	adeq	adeq	adeq	adeq	adeq	78	PR	1-drill work	0-10 years	\$98,000	10	

Remare Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details										Deficiencies & Needs													Improvement Strategy						
Asset ID	Road Name	From	To	Length (mi)	2025 ADMT	Geometrics		Surface Condition		Surface Type			Surface Width			Structure		Capacity		Drainage		FCI	Road Improvement	DRB Improvement	Time	Value	Priority Rating		
						street	existing	needed	existing	existing	improvement	needed	existing	improvement	needed	needed	needed	needed	needed	needed	needed								
5136	Orinney Beach Road	East End	Orinney Heights	0.1	125	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.5	8	adeq	0.05	adeq	adeq	open ditch	adeq	84								
5138	Orinney Beach Road	Orinney Heights	0.5 mi W of Orinney Heights	0.5	400	adeq	good	adequate	asphalt	surface treated	asphalt	adeq	8.7	8	adeq	adeq	adeq	open ditch	now	85									
5140	Orinney Beach Road	North End	North End	0.1	58	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.8	8	adeq	0.05	adeq	adeq	open ditch	adeq	84								
5141	Lower Green Road	0.5 mi W of Orinney Heights	0.5 mi W of Orinney Heights	0.8	120	adeq	good	adequate	asphalt	gravel	asphalt	adeq	7.1	7	adeq	adeq	adeq	open ditch	adeq	73	PR		5-10 years	\$41,000	24				
5144	Orinney Beach Road	0.5 mi W of Orinney Heights	Southland Street	1.2	300	adeq	good	adequate	asphalt	gravel	asphalt	adeq	9.1	8	0.40	adeq	adeq	open ditch	adeq	87	WR				\$22,000	11			
5145	Orinney Heights	Highway 12	Orinney Beach Road	0.8	750	adeq	good	adequate	surface treated	surface treated	asphalt	adeq	7.1	6	adeq	adeq	adeq	open ditch	adeq	82									
5146	Page Street	Orinney Beach Road	Orinney Beach Road	0.2	50	adeq	good	adequate	surface treated	gravel	asphalt	adeq	8.0	8	adeq	adeq	adeq	open ditch	adeq	84									
5201	Page Street	Page Street Drive	Washington Street	0.1	50	adeq	good	adequate	surface treated	gravel	asphalt	adeq	8.0	8	adeq	adeq	adeq	open ditch	adeq	84									
5176	Paradise Road	Ward End	Ward End	1.1	800	adeq	very good	adequate	surface treated	surface treated	asphalt	adeq	8.0	8	adeq	adeq	adeq	no ditch	now	100									
5178	Paradise Road	Barham Road	Ward End	0.5	150	adeq	very good	adequate	asphalt	gravel	asphalt	adeq	8.7	8	adeq	adeq	adeq	open ditch	adeq	95									
5230	Park Lane Crescent	Rayburn Drive	Rayburn Drive	1.8	300	adeq	good	adequate	surface treated	gravel	asphalt	adeq	8.1	8	adeq	adeq	adeq	open ditch	adeq	77	PR		8-10 years	\$210,000	18				
5233	Paradise Drive	Mathias Park Road	Mathias Park Road	0.2	250	adeq	very good	adequate	surface treated	gravel	asphalt	adeq	1.2	6	2.00	adeq	adeq	open ditch	adeq	96	WR				\$78,000	4			
5176	Paradise Drive	Page Street	Barham Road	0.8	250	adeq	PRB?	adequate	surface treated	gravel	asphalt	adeq	8.1	8	adeq	adeq	adeq	open ditch	adeq	92									
5178	Paradise Drive	Barham Road	Wynneford Street	0.2	250	adeq	good	adequate	surface treated	gravel	asphalt	adeq	8.0	8	adeq	adeq	adeq	open ditch	adeq	87									
5180	Paradise Drive	Wynneford Street	Southland Street	0.5	350	adeq	very good	adequate	surface treated	gravel	asphalt	adeq	8.0	8	adeq	adeq	adeq	open ditch	adeq	91									
4032	Peat Creek Road	Concession Road B/C	North End	2.4	40	5	very good	adequate	gravel	gravel	asphalt	adeq	8.0	8	adeq	adeq	adeq	open ditch	adeq	95	maintenance only								
5139	Perry Avenue	Concession Road 1	North End	0.7	180	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	adeq	81									
5112	Peter Street	Concession Drive	Concession Road 7	0.4	150	adeq	good	adequate	gravel	gravel	asphalt	adeq	4.0	6	2.00	adeq	adeq	no ditch	now	88	WR		1 ditch work		\$108,000	9			
5188	Pineledge Road	South End	South End	0.5	100	adeq	good	adequate	surface treated	gravel	asphalt	adeq	8.8	8	adeq	adeq	adeq	no ditch	now	86									
5142	Pinetree Court	North Crescent	Old Indian Trail	0.2	350	adeq	very good	adequate	asphalt	gravel	asphalt	adeq	8.7	8	adeq	adeq	adeq	no ditch	now	96									
5180	Pinetree Court	South End	Pinetree Crescent	0.3	180	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.1	8	adeq	adeq	adeq	no ditch	now	79	PR		1 ditch work	8-10 years	\$138,000	16			
5134	Plum Point Road	North End	North End	1.0	800	adeq	good	adequate	asphalt	surface treated	asphalt	adeq	8.2	8	adeq	adeq	adeq	open ditch	adeq	80									
5118	Plum Point Road	Marion Drive	Highway 12	0.8	550	adeq	good	adequate	surface treated	asphalt	asphalt	adeq	8.4	8	adeq	adeq	adeq	open ditch	adeq	83									
5144	Plum Point Road	East End	East End	0.5	250	adeq	fair	adequate	asphalt	gravel	asphalt	adeq	8.0	8	1.00	adeq	adeq	no ditch	now	83	WR		1 ditch work	1-5 years	\$488,000	26			
5152	Poplar Crescent	Logans Railway	Ward End	1.3	400	adeq	good	adequate	asphalt	surface treated	asphalt	adeq	8.1	8	adeq	adeq	adeq	no ditch	now	75	PR		1 ditch work	8-10 years	\$888,000	23			
5182	Poplar Lane	Park Lane Crescent	North End	0.3	75	adeq	fair	adequate	surface treated	gravel	asphalt	adeq	8.0	8	1.00	adeq	adeq	open ditch	adeq	68	WR		1 ditch work	1-5 years	\$100,000	11			
5138	Portage Bay Road	Ward End	Ward End	0.2	250	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.0	8	1.00	adeq	adeq	open ditch	adeq	84	WR				\$60,000	13			
6000	Prater Park Crescent	Orinney Beach Road	Orinney Beach Road	0.1	75	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	now	78	PR		1 ditch work	8-10 years	\$188,000	14			
5233	President Avenue	Open Street Road	South End	0.1	75	adeq	very good	adequate	asphalt	gravel	asphalt	adeq	8.0	8	adeq	adeq	adeq	no ditch	now	100									
4124	Quarry Point Road	Horne Road	Ward End	0.4	150	adeq	good	adequate	gravel	gravel	asphalt	adeq	1.0	4	adeq	adeq	adeq	open ditch	adeq	86									
5136	Quarry Street	Highway 12	Quarry Road	0.3	700	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.7	8	adeq	adeq	adeq	open ditch	adeq	87									
5134	Quarry Street	South End	South End	0.1	48	adeq	good	adequate	asphalt	gravel	asphalt	adeq	1.0	4	1.00	adeq	adeq	open ditch	adeq	84	WR				\$40,000	10			
4038	Rama Dalton Boundary Road	Allen St of Concession B/C	Concession Road D/E	1.3	550	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	adeq	87									
5048	Rama Dalton Boundary Road	Allen St of Concession B/C	Concession Road	0.8	500	adeq	very good	adequate	asphalt	gravel	asphalt	adeq	8.5	8	adeq	adeq	adeq	open ditch	adeq	84									
4036	Rama Dalton Boundary Road	Concession Road B/C	Concession Road B/C	0.8	550	adeq	fair	adequate	surface treated	surface treated	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	adeq	95	PR		1-5 years	\$112,000	14				
5048	Rama Dalton Boundary Road	Concession Road B/C	Allen St of Concession B/C	0.8	550	adeq	fair	adequate	surface treated	surface treated	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	adeq	95	PR		1-5 years	\$112,000	14				
4040	Rama Dalton Boundary Road	Concession Road D/E	Allen St of Concession B/C	1.8	550	adeq	fair	adequate	surface treated	surface treated	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	adeq	95	PR		1-5 years	\$112,000	14				
5008	Rama Road 46	County Road 108	County Road 108	2.0	1000	adeq	fair	adequate	asphalt	asphalt	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	62	PR				1-5 years	\$1,770,000	48		
5006	Rama Road 46	Highway 12	State Rd 15	3.8	800	adeq	fair	adequate	asphalt	asphalt	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	68	PR				1-5 years	\$1,206,000	48		
5005	Rama Road 47	Thel Canal Bridge	Stone Gate Road	0.8	800	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	8.2	8	adeq	adeq	adeq	open ditch	now	84									
5002	Rama Road 47	Stone Gate Road	Stone Gate Road	0.8	800	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	108									
5004	Rama Road 47	Stephen Drive	Concession Road A	2.0	800	adeq	very good	adequate	surface treated	surface treated	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	100									
5004	Rama Road 47	Concession Road A	Concession Road 1	1.3	600	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	100									
5006	Rama Road 47	Concession Road 1	Concession Road 2	1.3	700	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	100									
5008	Rama Road 47	Concession Road 2	Concession Road 3	1.3	800	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	100									
5008	Rama Road 47	Concession Road 3	Concession Road 4	1.8	800	1	very good	adequate	asphalt	surface treated	asphalt	adeq	8.0	8	adeq	adeq	adeq	open ditch	adeq	100									
5002	Rama Road 47	Concession Road 4	Concession Road 5	0.8	2200	adeq	very good	adequate	asphalt	asphalt	asphalt	adeq	8.8	8	adeq	adeq	adeq	open ditch	adeq	100									
5134	Rama Road 47	Highway 12	Highway 12	0.4	2700	adeq	good	adequate	asphalt	asphalt	asphalt	adeq	8.5	8	adeq	adeq	adeq	no ditch	now	63	WR		1 ditch work		\$731,000	0			
5005A	Rama Road 47	Robert Blue Bridge	Robert Blue Bridge	0.4	600	adeq	very good	adequate	asphalt	surface treated	asphalt	adeq	8.0	8	adeq	adeq	adeq	no ditch	now	108	WR				1 ditch work		\$731,000	0	
5178	Rama Road 51	Highway 12	Talbot River	0.2	750	adeq	good	adequate	asphalt	gravel	asphalt	adeq	8.5	8	adeq	adeq	adeq	open ditch	adeq	77	PR				8-10 years	\$87,000	18		
5140	Ridge Avenue	Ward Avenue	0.5 mi E of Lake Avenue	0.2	125	adeq	good	adequate	surface treated	gravel	asphalt	adeq	8.8	8	adeq	0.50	adeq	adeq	open ditch	now	78	PR			1 ditch work	8-10 years	\$98,000	17	

App E - Deficiencies & Improvements

Remare Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details																	Deficiencies & Needs										Improvement Strategy				
Asset ID	Road Name	From	To	Length (mi)	2025 ADMT	Geometrics		Surface Condition		Surface Type		Surface Width		Shoulder		Capacity		Drainage		PCI	Road Improvement	Drill Improvement	Time	Value	Priority Rating						
						street	existing	street	existing	asphalt	existing	street	existing	street	existing	street	existing	street	existing							street	existing				
1130	Bridge Avenue	S. 30th W. of Lake Avenue	Lake Avenue	0.2	75	adeq	fair	resurface	surface treated	gravel	adeq	9.0	6	1.00	0.00	adeq	open ditch	adeq	49	VR		1-5 years	\$57,000	30							
1142	Bridge Avenue	S. 30th E. of Lake Avenue	S. 30th E. of Lake Avenue	0.2	48	adeq	fair	resurface	asphalt	gravel	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	63	PR		1-5 years	\$44,000	23							
1144	Trout Road	Trout Road Road	East End	0.8	120	1	good	adequate	gravel	gravel	adeq	6.2	6	1.00	adeq	adeq	open ditch	adeq	72	VR		1-5 years	\$107,000	28							
1145	Lawrence Drive	County Road 40	County Road 40	0.6	160	adeq	good	resurface	surface treated	surface treated	adeq	5.6	6	adeq	adeq	adeq	open ditch	adeq	77	PR		1-5 years	\$140,000	31							
3030	Lindwood Trail	Bayshore Drive	Bayshore Drive	0.4	100	adeq	very good	adequate	asphalt	gravel	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	50												
4132	Stredgust Road	Southwood Ranch Boulevard	South End	0.2	48	adeq	good	adequate	surface treated	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	now	64	VR		1-5 years	\$54,000	35							
4133	Stredgust Drive	Harriet Road	Harriet Road	0.5	75	1	very good	adequate	crack	crack	adeq	5.5	6	adeq	adeq	adeq	open ditch	adeq	51												
3096	Intersect 40	County Road 40	Corvus Road 7	0.2	90	adeq	very poor	FALSE	earth	gravel	adeq	6.0	6	2.00	adeq	adeq	no ditch	now	0	maintenance only											
1100	Intersect 40	County Road 40	Marine Farm Boundary	2.0	60	adeq	very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	open ditch	now	0	maintenance only											
3098	Intersect 40	Corvus Road 7	County Road 109	0.6	48	adeq	good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	open ditch	adeq	79	VR			\$201,000	13							
1104	Holt Road	Pyrites Creek	Pyrites Creek	0.3	48	adeq	good	adequate	asphalt	gravel	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	61												
1018	Holt Road	Pyrites Creek	Corvus Road 8	0.4	100	adeq	good	adequate	asphalt	gravel	adeq	4.2	6	adeq	adeq	adeq	open ditch	adeq	69												
3084	Intersect 15	Highway 12	Highway 12	0.5	50	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	65												
3096	Intersect 15	Highway 12	Corvus Road 30	0.8	75	adeq	very good	adequate	gravel	gravel	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	59												
3098	Intersect 15	Corvus Road 30	Marine Road 46	1.4	75	2	good	adequate	gravel	gravel	adeq	7.0	6	adeq	adeq	adeq	open ditch	adeq	62												
3090	Intersect 15	Marine Road 46	Carl Road	1.3	100	adeq	very good	adequate	gravel	gravel	adeq	6.2	6	adeq	adeq	adeq	open ditch	adeq	54												
3092	Intersect 15	Carl Road	Corvus Road 13	1.3	75	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	64												
3094	Intersect 15	Marine Road	Marine Road	1.4	75	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	adeq	64												
1012	Holt Road	Corvus Road 8	Corvus Road A	1.4	120	adeq	good	resurface	asphalt	gravel	adeq	6.2	6	adeq	adeq	adeq	open ditch	adeq	80	PR		6-10 years	\$543,000	14							
3090	Intersect 15	Corvus Road 7	Corvus Road 8	1.4	50	2	very good	adequate	gravel	gravel	adeq	5.4	6	1.00	adeq	adeq	open ditch	adeq	54	VR			\$117,000	8							
4016	Intersect 15	South End	Corvus Road 7	0.6	160	adeq	fair	adequate	gravel	gravel	adeq	2.0	6	2.00	adeq	adeq	open ditch	adeq	76	VR			\$101,000	27							
3092	Intersect 15	Corvus Road 8	Corvus Road 8	1.3	50	adeq	very good	adequate	gravel	gravel	adeq	4.7	6	1.20	adeq	adeq	open ditch	adeq	100	VR			\$209,000	7							
3044	Barnstable Drive	Post Jay Way	Post Jay Way	1.7	1500	adeq	fair	resurface	asphalt	asphalt	adeq	5.7	6	adeq	adeq	adeq	open ditch	adeq	72	PR		6-10 years	\$93,000	34							
3042	Barnstable Drive	Garrett Drive	Corvus Road 7	0.6	1400	adeq	fair	resurface	asphalt	asphalt	adeq	6.2	6	adeq	adeq	adeq	open ditch	adeq	71	PR		6-10 years	\$106,000	35							
4076	Intersect 20	Corvus Road 11	Highway 12	0.9	120	2	good	adequate	gravel	gravel	adeq	5.6	6	1.00	adeq	adeq	open ditch	adeq	64	VR			\$166,000	12							
3078	Intersect 20	Corvus Road 11	Corvus Road 11	5.7	100	2	very good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	open ditch	adeq	52	VR			\$554,000	5							
3076	Intersect 20	Highway 12	Ross Road	1.6	75	2	very good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	open ditch	adeq	63	VR			\$517,000	5							
3078	Intersect 20	Ross Road	South End	0.6	48	adeq	very good	adequate	gravel	gravel	adeq	4.0	6	2.00	adeq	adeq	open ditch	adeq	64	VR			\$130,000	9							
3078	Intersect 20	S. 30th W. of Corvus Road 11	Corvus Road 12	1.3	200	adeq	good	adequate	gravel	gravel	adeq	6.0	6	adeq	adeq	adeq	open ditch	now	69												
4072	Intersect 26	Corvus Road 12	Marine Road	1.4	200	2	good	adequate	gravel	gravel	adeq	5.6	6	adeq	adeq	adeq	open ditch	now	76												
3068	Intersect 26	Highway 12	Corvus Road 11	0.7	200	adeq	fair	resurface	asphalt	gravel	adeq	5.6	6	adeq	adeq	adeq	open ditch	adeq	67	PR		1-5 years	\$282,000	16							
1070A	Intersect 26	Corvus Road 11	S. 30th W. of Corvus Road 11	0.3	100	adeq	good	resurface	asphalt	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	77	PR		6-10 years	\$46,000	38							
3060	Intersect 25	Marine Road 46	Marine Road 46	0.5	48	adeq	good	adequate	gravel	gravel	adeq	5.0	6	3.00	adeq	adeq	open ditch	adeq	66	VR			\$102,000	9							
1401	Intersect 5	Corvus Road 2	Corvus Road 2	0.2	120	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	100												
1401	Intersect 5	Corvus Road 2	Corvus Road 2	1.4	120	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	54												
1401	Intersect 5	Corvus Road 2	County Road 47	1.4	120	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	adeq	adeq	adeq	open ditch	adeq	56												
1102	Intersect 5	Carle Road	Corvus Road 1	1.4	100	adeq	good	adequate	gravel	gravel	adeq	5.0	6	0.50	adeq	adeq	open ditch	adeq	67	VR			\$107,000	9							
1204	Intersect 5	County Road 46	Marine Road	0.2	50	adeq	good	adequate	gravel	gravel	adeq	5.0	6	0.50	adeq	adeq	open ditch	adeq	78	VR			\$612,000	13							
1136	Intersect 5	Marine Road 47	Corvus Road 5	1.4	50	adeq	good	adequate	gravel	gravel	adeq	5.5	6	0.50	adeq	adeq	open ditch	adeq	66	VR			\$119,000	9							
1202	Intersect 5	Corvus Road 30	County Road 46	1.0	120	2	very good	adequate	gravel	gravel	adeq	5.9	6	0.10	adeq	adeq	open ditch	adeq	100	VR			\$188,000	7							
4008	Intersect 5/6	Corvus Road 10	Corvus Road 10	0.8	60	adeq	very poor	FALSE	earth	gravel	adeq	2.0	6	4.00	adeq	adeq	no ditch	now	0	maintenance only											
4008	Intersect 5/6	Corvus Road 10	S. 30th W. of Corvus Road 10	1.2	50	adeq	good	adequate	gravel	gravel	adeq	5.0	6	2.00	adeq	adeq	open ditch	adeq	62	VR			\$243,000	10							
4030	Intersect 5/6	S. 30th W. of Corvus Road 10	Corvus Road 10	1.0	50	adeq	fair	adequate	gravel	gravel	adeq	2.0	6	3.00	adeq	adeq	open ditch	adeq	62	VR			\$171,000	10							
1126A	Service Road	Barne Road 47	S. 30th W. of Barne Road 47	1.5	2500	adeq	very good	adequate	asphalt	asphalt	adeq	6.7	6	adeq	adeq	adeq	open ditch	adeq	66												
1126B	Service Road	S. 30th W. of Barne Road 47	West End	0.2	2500	adeq	good	adequate	asphalt	asphalt	adeq	6.5	6	adeq	adeq	adeq	open ditch	adeq	69												
1138	Longley Road Road	County Road 40	Marine Road	0.4	60	adeq	very good	adequate	gravel	gravel	adeq	6.0	6	2.00	adeq	adeq	open ditch	adeq	100	VR			\$118,000	7							
4072	Longley Intersect	Marine Road	Line 2	1.4	60	1	very good	adequate	gravel	gravel	adeq	6.0	6	1.00	adeq	adeq	open ditch	adeq	55	VR			\$131,000	8							
4034	Somerset Drive	Marine Road	West End	0.2	48	adeq	very good	adequate	gravel	gravel	adeq	5.0	6	1.00	adeq	adeq	open ditch	adeq	100	VR			\$46,000	5							
1140	Southwood Ranch	Marine Road	West End	0.4	100	adeq	good	adequate	asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	no ditch	now	63												
4040	Southwood Ranch	County Road 109	South End	0.7	50	adeq	very good	adequate	surface treated	gravel	adeq	4.5	6	adeq	adeq	adeq	no ditch	now	65												
3018	Southwood Drive	Barnstable Drive	West End	0.8	120	adeq	very good	adequate	asphalt	gravel	adeq	6.7	6	adeq	adeq	adeq	open ditch	adeq	100												

Ramara Road Needs Study 2025

Deficiencies & Improvements - By Road Section

Road Section Identification & Details										Deficiencies & Needs										Improvement Strategy						
Asset ID	Road Name	From	To	Length (km)	JIS AASST	Consentance		Surface Condition		Surface Type		Material Mixes		Material		Capacity	Drainage		PCI	Road Improvement	Earth Improvement	Time	Value	Priority Rating		
						asent	rating	asent	rating	interolator	asent	rating	interolator	asent	rating		asent	rating							asent	rating
4030	Seaford Beach Road/Seaside	Seaford Road	Seaford Road	1.2	125	adeq	good	asphalt	asphalt	gravel	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	79	PR		6-10 years	\$182,000	15		
4138	Spig Gillies Port Road	Connection Road B	South End	0.4	75	adeq	good	asphalt	asphalt	gravel	asphx	8.8	8	adeq	adeq	adeq	open ditch	adeq	79	PR		6-10 years	\$7,750,000	1		
4048	Seaford Drive	Seaford Drive	Seaford Drive	0.4	75	adeq	very poor	adequate	gravel	gravel	asphx	10	10	adeq	adeq	adeq	open ditch	adeq	74	WR			\$102,000	4		
4049	Seaford Drive	Seaford Drive	Seaford Drive	0.4	200	adeq	adeq	adequate	asphalt	asphalt	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	79	PR						
4050	Seaford Drive	0.4 km W of Seaford Road 42	Seaford Drive	0.3	25	adeq	very poor	adequate	asphalt	asphalt	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	75	WR		+ ditch work		\$61,000	11	
4051	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	good	adequate	asphalt	asphalt	gravel	asphx	6.5	6	adeq	adeq	adeq	open ditch	adeq	74	WR				\$61,000	11
4052	Seaford Drive	Seaford Drive	Seaford Drive	0.4	20	adeq	good	adequate	asphalt	asphalt	gravel	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	79	PR		6-10 years	\$50,000	14	
4053	Seaford Drive	Seaford Drive	Seaford Drive	0.3	90	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	74	WR					
4054	Seaford Drive	Seaford Drive	Seaford Drive	1.2	120	adeq	good	asphalt	asphalt	gravel	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	79	PR		6-10 years	\$1,210,000	16		
4055	Seaford Drive	Seaford Drive	Seaford Drive	1.2	120	adeq	good	asphalt	asphalt	gravel	asphx	6.2	6	adeq	adeq	adeq	open ditch	adeq	79	PR						
4056	Seaford Drive	Seaford Drive	Seaford Drive	0.5	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	7.5	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4057	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	7.0	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4058	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4059	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4060	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4061	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4062	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4063	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4064	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4065	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4066	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4067	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4068	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4069	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4070	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4071	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4072	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4073	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4074	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4075	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4076	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4077	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4078	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4079	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4080	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4081	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4082	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4083	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4084	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4085	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4086	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4087	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4088	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4089	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4090	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4091	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4092	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4093	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4094	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4095	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4096	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4097	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4098	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4099	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4100	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4101	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4102	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4103	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4104	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4105	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4106	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4107	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4108	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4109	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4110	Seaford Drive	Seaford Drive	Seaford Drive	0.4	100	adeq	very poor	adequate	asphalt	asphalt	gravel	asphx	6.8	6	adeq	adeq	adeq	open ditch	adeq	79	PR					
4111	Seaford Drive																									

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

RR - reconstruction
WR - road widening & resurface

Appendix F: Road Priority Ratings

Ramara Road Needs Study 2025

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

Road Section Identification & Details						Deficiencies & Needs																Improvement Strategy					
Asset ID	Road Name	From	To	Length (km)	2025 ADMT	Geometrics	Surface Condition			Surface Type		Surface Width				Shoulder		Capacity		Drainage		PCI	Road Register	Est. to Segment	Time	Value	Priority Rating
							need	existing	good	existing	desirable	need	existing	desirable	need	need	need	need	existing	need							
1207	New Center Boundary Road	0.1km S of County Road 47	0.7km S of County Road 47	2.9	305	asph	asph	asphalt	asphalt	gravel	asph	5.2	6	5.00	2.00	asph	asph	open ditch	asph	30	NR		now	\$2,286,000	16		
1208	New Center Boundary Road	County Road 47	0.7km S of County Road 47	0.7	300	asph	asph	asphalt	asphalt	gravel	asph	5.7	6	5.00	2.00	asph	asph	open ditch	asph	33	NR		now	\$700,000	53		
2022	Concession Road 7	Highway 12	County Road 199	0.9	125	asph	asph	asphalt	asphalt	gravel	asph	5.0	6	1.00	asph	asph	open ditch	asph	50	NR		now	\$1,088,000	36			
1202	Concession Road 2	0.6km S of Highway 12	Edwards St	2.3	250	asph	asph	asphalt	asphalt	gravel	asph	5.5	6	1	asph	asph	open ditch	asph	55	NR		now	\$193,000	18			
2000	Bayview Road 40	Edwards St	County Road 199	1.6	1500	asph	asph	asphalt	asphalt	asphalt	asph	7.0	6	asph	asph	asph	open ditch	asph	62	NR		1-5 years	\$1,372,000	40			
4006	Bayview-Dalton Boundary Road	Concession Road 5/C		0.3	550	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	6.5	6	asph	asph	asph	open ditch	asph	55	NR		1-5 years	\$112,000	40		
3006	Edwards Road 16	Highway 12	Edwards St	2.9	1650	asph	asph	asphalt	asphalt	asphalt	asph	7.0	6	asph	asph	asph	open ditch	asph	55	NR		1-5 years	\$1,209,000	40			
2040A	Walter Point Road	Walter Point Road	Concession Road 7	0.6	700	2025	asph	asphalt	asphalt	surface treated	surface treated	asph	5.0	6	asph	asph	asph	open ditch	asph	62	NR		1-5 years	\$224,000	20		
3010	Concession Road 7	Edwards St	Highway 12	0.3	700	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	5.7	6	asph	asph	asph	open ditch	asph	62	NR		1-5 years	\$89,000	37		
3061	McLure Park Road	Woodland Drive	McLure Road	0.6	750	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	7.6	6	asph	asph	asph	no ditch	now	66	NR		+ ditch work	1-5 years	\$299,000	38	
1120	Lane Birch Trail	Spring Road	Maple Trail	0.2	250	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	5.0	6	1.00	asph	asph	no ditch	now	55	NR		+ ditch work	1-5 years	\$85,000	25	
4008	Bayview-Dalton Boundary Road	Concession Road 5/C	0.6km N of Concession 5/C	0.6	550	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	6.8	6	asph	asph	asph	open ditch	asph	65	NR		1-5 years	\$153,000	35		
1010	Belmont Road	Patricia Drive	Coastal Street	0.3	1000	asph	asph	asphalt	asphalt	asphalt	asph	6.5	6	asph	asph	asph	open ditch	asph	70	NR		1-5 years	\$118,000	34			
1046	Lakeside 25	Highway 12	Concession Road 11	0.7	200	asph	asph	asphalt	asphalt	gravel	asph	6.8	6	asph	asph	asph	open ditch	asph	57	NR		1-5 years	\$162,000	31			
3024	Concession Road 10	Highway 12	Edwards St	1.7	250	asph	asph	asphalt	asphalt	gravel	asph	5.9	6	asph	asph	asph	open ditch	asph	62	NR		1-5 years	\$602,000	24			
1110	Lane Birch Trail	Walter Trail	West Trail	0.3	150	asph	asph	asphalt	asphalt	surface treated	gravel	asph	4.7	6	1.00	asph	asph	no ditch	now	55	NR		+ ditch work	1-5 years	\$51,000	33	
3008B	Amelia Drive	Clark Lane	East End	1.9	200	asph	asph	asphalt	asphalt	surface treated	gravel	asph	7.2	6	asph	asph	asph	no ditch	now	50	NR		+ ditch work	1-5 years	\$299,000	32	
2021	Herence Avenue	Craigston Street	East End	0.4	125	asph	asph	asphalt	asphalt	surface treated	gravel	asph	5.4	6	asph	asph	asph	open ditch	now	55	NR		+ ditch work	1-5 years	\$74,000	32	
3040	Bayview Beach Road	Walter Point Road	Edwards Road	0.3	260	asph	asph	asphalt	asphalt	asphalt	asph	6.5	6	asph	asph	asph	open ditch	asph	67	NR		1-5 years	\$95,000	36			
1156	Turkey Point	Poplar Crescent	0.3km S of Poplar Crescent	0.3	300	asph	asph	asphalt	asphalt	gravel	asph	6.7	6	asph	asph	asph	no ditch	now	65	NR		+ ditch work	1-5 years	\$179,000	31		
1186	Lynx Path	0.6km S of Poplar Crescent	Poplar Crescent	0.9	360	asph	asph	asphalt	asphalt	gravel	asph	6.7	6	asph	asph	asph	no ditch	now	65	NR		+ ditch work	1-5 years	\$422,000	21		
4009	Bayview-Dalton Boundary Road	Concession Road 5/C	1.0km N of Concession Road 5/C	1.0	550	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	6.8	6	asph	asph	asph	open ditch	asph	69	NR		1-5 years	\$421,000	31		
3091	McLure Park Road	West End	Walter Point	0.6	250	asph	asph	asphalt	asphalt	asphalt	asph	6.0	6	1.00	asph	asph	no ditch	now	65	NR		+ ditch work	1-5 years	\$296,000	30		
6174	Burn Drive	Paragon Road	North End	1.4	250	asph	asph	asphalt	asphalt	surface treated	gravel	asph	6.7	6	asph	asph	asph	no ditch	now	61	NR		+ ditch work	1-5 years	\$276,000	20	
1115	Maple Trail	Lakeside Drive	Lane Birch Trail	0.1	200	asph	asph	asphalt	asphalt	surface treated	gravel	asph	4.2	6	1.00	asph	asph	no ditch	now	65	NR		+ ditch work	1-5 years	\$54,000	29	
3003	Concession Road 11	0.5km S of Highway 12	Edwards St	1.9	300	asph	asph	asphalt	asphalt	gravel	asph	6.2	6	asph	asph	asph	open ditch	asph	64	NR		1-5 years	\$750,000	29			
1108	Craigston Street	Highway 12	Craigston Street	0.2	125	asph	asph	asphalt	asphalt	gravel	asph	6.0	6	asph	asph	asph	open ditch	now	62	NR		+ ditch work	1-5 years	\$69,000	28		
4114	Walter Street	Support Road	East End	0.9	350	asph	asph	asphalt	asphalt	gravel	asph	6.2	6	asph	asph	asph	open ditch	asph	60	NR		1-5 years	\$190,000	28			
3031	Craigston Street North	Highway 12	North End	0.6	50	asph	asph	asphalt	asphalt	gravel	asph	7.0	6	asph	asph	asph	open ditch	asph	57	NR		1-5 years	\$353,000	26			
3070	Coastal Road	Craigston Street	North End	0.1	49	asph	asph	asphalt	asphalt	gravel	asph	5.6	6	0.40	asph	asph	no ditch	now	60	NR		+ ditch work	1-5 years	\$55,000	29		
6108	McLure Street	Highway 12	South End	0.3	125	asph	asph	asphalt	asphalt	surface treated	gravel	asph	6.0	6	asph	asph	asph	open ditch	asph	65	NR		1-5 years	\$112,000	29		
2022	Walter Street	Walter Street (south intersection)	East End	0.2	49	asph	asph	asphalt	asphalt	surface treated	gravel	asph	5.3	6	asph	asph	asph	open ditch	asph	62	NR		1-5 years	\$20,500	27		
1042	Bridge Avenue	0.4km S of Lake Avenue	0.4km S of Lake Avenue	0.1	49	asph	asph	asphalt	asphalt	gravel	asph	7.0	6	asph	asph	asph	open ditch	asph	63	NR		+5 years	\$15,000	23			
4101	David Street	Walter Street (north intersection)	David Street	0.2	49	asph	asph	asphalt	asphalt	surface treated	gravel	asph	6.3	6	asph	asph	asph	open ditch	asph	61	NR		1-5 years	\$17,000	22		
4102	Poplar Lane	Walter Lane (north intersection)	North End	0.2	75	asph	asph	asphalt	asphalt	surface treated	gravel	asph	5.5	6	1.00	asph	asph	open ditch	asph	60	NR		1-5 years	\$106,000	21		
1139	Bridge Avenue	0.3km W of Lake Avenue	Lake Avenue	0.2	75	asph	asph	asphalt	asphalt	surface treated	gravel	asph	5.0	6	1.00	0.10	asph	open ditch	asph	69	NR		1-5 years	\$17,000	21		
1010	Landon Lane	Walter Point Road	West End	0.2	75	asph	asph	asphalt	asphalt	surface treated	gravel	asph	6.7	6	asph	asph	asph	open ditch	asph	70	NR		+5 years	\$27,000	20		
6042	Barnesbach Drive	Concession Drive	Concession Road 7	0.6	1450	asph	asph	asphalt	asphalt	asphalt	asph	6.7	6	asph	asph	asph	open ditch	asph	71	NR		0-10 years	\$168,000	19			
3016A	Walter Point Road	McLure Drive		1.2	3000	asph	asph	asphalt	asphalt	asphalt	asph	6.7	6	asph	asph	asph	open ditch	asph	77	NR		0-10 years	\$408,000	25			
3044	Barnesbach Drive	Concession Road 7	Four Jay Way	1.7	1300	asph	asph	asphalt	asphalt	asphalt	asph	6.7	6	asph	asph	asph	open ditch	asph	72	NR		0-10 years	\$853,000	14			
3090	McLure Park Road	Concession Road 10	Coastal Beach Road	2.4	1400	2025	asph	asphalt	asphalt	asphalt	asph	6.6	6	asph	asph	asph	open ditch	asph	71	NR		0-10 years	\$698,000	16			
3166	Belmont Road	Highway 12	Coastal Drive	0.7	700	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	6.5	6	asph	asph	asph	open ditch	asph	71	NR		0-10 years	\$153,000	19		
3030	Craigston Street	Walter Street	Highway 12	0.5	1800	asph	asph	asphalt	asphalt	asphalt	asph	6.1	6	asph	asph	asph	open ditch	asph	79	NR		0-10 years	\$187,000	27			
4046	Paragon Road	Walter S. Edwards	Craigston Street	2.1	900	asph	asph	asphalt	asphalt	surface treated	asphalt	asph	6.5	6	asph	asph	asph	open ditch	asph	77	NR		0-10 years	\$608,000	26		
3036	Four Jay Road	Walter Street	0.2km W of Barns Road	0.2	550	asph	asph	asphalt	asphalt	surface treated	gravel	asph	6.6	6	0.40	0.20	asph	open ditch	now	73	NR		+ ditch work	0-10 years	\$80,000	18	
3044	Concession Road 10	Edwards St	0.6km E of Edwards St	0.6	400	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	6.7	6	asph	asph	asph	open ditch	asph	73	NR		0-10 years	\$1,005,000	26		
1046	Walter Point Road	County bridge	South End	0.6	250	asph	asph	asphalt	asphalt	surface treated	gravel	asph	5.0	6	1.00	asph	asph	no ditch	now	70	NR		+ ditch work	0-10 years	\$433,000	15	
3042	Delaney Beach Road	0.6km W of Delaney Heights		0.9	250	asph	asph	asphalt	asphalt	asphalt	asph	6.7	6	asph	asph	asph	open ditch	asph	73	NR		0-10 years	\$412,000	21			
4018	Concession Road 5/C	Edwards St	West Coastal Road	1.3	500	asph	asph	asphalt	asphalt	surface treated	surface treated	asph	7.0	6	asph	asph	asph	open ditch	asph	75	NR		0-10 years	\$541,000	15		

Ramara Road Needs Study 2025

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

Road Section Identification & Details						Deficiencies & Needs																	Improvement Strategy			
Asset ID	Road Name	From	To	Length (km)	2025 ADT	Geometrics		Surface Condition		Surface Type		Surface Width		Shoulder	Capacity	Drainage		PCI	Road Exposure	Dist. to Segment	Time	Value	Priority Rating			
						need	existing	need	existing	desirable	need	existing	improvement			need	need							existing	need	
5226	Courtland Street	Edwin H. or Wilfrance Road	Edwin Road	1.8	200	asph	good	resurface	surface treated	asphalt	asph	5.1	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1137	Paper Crescent	Opport Drive	Wynd Road	1.3	400	asph	good	resurface	surface treated	asphalt	asph	5.1	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5286	Craigston Street	Paget Street	Bulwin Road	0.6	700	asph	good	resurface	surface treated	asphalt	asph	6.8	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5231	Book Road	Wame Road	Beach Drive	0.2	300	asph	fair	resurface	surface treated	gravel	asph	5.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
3046	Concession Road 10	1.5 km E of Concession 15	County Road 100	0.6	400	asph	fair	resurface	surface treated	gravel	asph	5.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
11144	Lakeshore Drive	Concession Road 13	0.5 km S of Simcoe Road	0.9	300	asph	fair	resurface	surface treated	gravel	asph	6.3	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5170	Courtland Street	Beaumont Road	Carleton Street	0.3	500	asph	good	resurface	surface treated	asphalt	asph	5.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
11143	Lakeshore Drive	Edwin H. or Wilfrance Road	Concession Road	0.3	200	asph	fair	resurface	surface treated	asphalt	asph	5.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5214	Concession Road R/C	County Road 100	Tulworth Drive	1.1	500	asph	good	resurface	surface treated	asphalt	asph	7.0	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
3086	Bayview Avenue	Wilfrance Park Road	0.7 km N of Wilfrance Park Road	0.7	300	asph	fair	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
4108	Airport Road	Rich Street	Brabant Drive	2.2	200	asph	good	resurface	surface treated	asphalt	asph	5.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5176	Beveridge Drive	County Road 100	Maple Lane	1.8	400	asph	good	resurface	surface treated	surface treated	asph	6.6	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5076	Ramara Road N1	Highway 10	Talbot Drive	0.3	700	asph	good	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5246	Carleton Street	Courtland Street	Henry Street	0.2	70	asph	fair	resurface	surface treated	gravel	asph	6.0	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
4100	Park Lane Crescent	Beveridge Drive	Finnerburg Drive	1.5	200	asph	good	resurface	surface treated	gravel	asph	5.4	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5184	Craigston Street	Wame Road	Opport Drive	0.5	200	asph	good	resurface	surface treated	gravel	asph	6.6	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
4042	Brooks Island	County Road 100	Farquhar Road	0.9	400	asph	good	resurface	surface treated	gravel	asph	5.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1044	Concession Road A	Max Road	Max Road	0.5	100	asph	good	resurface	surface treated	gravel	asph	6.6	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
32703	Island 15	Concession Road 11	0.1 km S of Concession Road 11	0.1	200	asph	good	resurface	surface treated	gravel	asph	6.0	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5234	Concession Road 12	West End	Home Road	0.9	100	asph	good	resurface	surface treated	gravel	asph	6.9	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1340	Ridge Avenue	Lake Avenue	0.2 km E of Lake Avenue	0.2	125	asph	good	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5240	Headwaters Court	Beaumont Drive	North End	0.2	40	asph	fair	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5232	Courtland Street	Simcoe Beach Road	Concession Avenue	0.2	200	asph	good	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1130	Church Street	Concession Road 4	South End	0.3	100	asph	good	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1076	Swaine Drive	Max Road	Max Road	1.9	100	asph	good	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
410	Lakeshore Drive	Beveridge Drive	North End	0.9	125	asph	good	resurface	surface treated	gravel	asph	6.9	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
4170	Asb Crescent	Island Crescent	South End	0.2	40	1	fair	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1132	May Street	Ramara Road 47	O'Neill Street	0.3	175	asph	good	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5148	Anderson Avenue	1.5 km E of Courtland Street	East End	0.4	40	asph	fair	resurface	surface treated	gravel	asph	6.6	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1134	O'Neill Street	Highway 10	West End	0.2	125	asph	good	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
4120	Southwest Beach Boulevard	Home Road	East End	0.2	125	asph	good	resurface	surface treated	gravel	asph	5.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5280	Lower Line	Voluntary road jct	South End	1.6	70	asph	good	resurface	surface treated	gravel	asph	6.0	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5280	East River Road	Voluntary road jct	South End	1.6	200	1	good	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5098	Lakeshore Drive	Penfold Drive	Elfring Road	0.2	75	asph	good	resurface	surface treated	gravel	asph	5.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5166	Henry Street	Carleton Street	Highway 10	0.1	75	asph	good	resurface	surface treated	gravel	asph	6.5	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1260	McArthur Court	South End	Wame Crescent	0.3	100	asph	good	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1018	Carleton Lane	Carleton Lane	East End	0.2	40	asph	good	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1002	Max Road	Concession Road 0	Concession Road A	1.4	125	asph	good	resurface	surface treated	gravel	asph	6.2	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5000	Highway Park Crescent	Orlery Beach Road	Orlery Beach Road	0.4	75	asph	good	resurface	surface treated	gravel	asph	6.6	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1016	Headway Court Lane	Carleton Drive	South End	0.2	40	asph	good	resurface	surface treated	gravel	asph	6.7	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
1010	Top Street Park Road	Concession Road 0	South End	0.4	75	asph	good	resurface	surface treated	gravel	asph	6.6	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5218	O'Neill Street	O'Neill Street	O'Neill Street	0.1	50	asph	good	resurface	surface treated	gravel	asph	6.4	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5174	Willingdon Street	Opport Drive	Edwin Road	0.2	75	asph	good	resurface	surface treated	gravel	asph	6.0	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
5076	Beveridge Street	East End	Palmer Drive	0.3	75	asph	good	resurface	surface treated	gravel	asph	6.0	6	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	asph	
Total																										

Appendix G: Road Priority Guide Numbers

Ramara Road Needs Study 2025

Priority Guide Number - Highest to Lowest Priority

Road Section Identification & Details																Performance & Needs										Investment Summary						
Asset ID	Road Name	From	To	Length (mi)	2025 ADIT	Geometrics		Surface Condition			Surface Type			Surface Width			Shoulder		Capacity		Drainage		PCI	Road Request	Dist. (miles)	Time	Value	Priority Rating	Priority Guide Number			
						good	existing	good	existing	adequate	good	existing	adequate	good	good	good	existing	good	adequate	adequate												
3700A	Wiley Point Road	Starnes Road	Parsons Drive	1.2	3000	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	78.65	PR	6-12 years	\$685,000	35	73					
1000	Barnes Road 40	Starnes 15	County Road 109	5.0	1800	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	7.0	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	67.48	PR	1-5 years	\$1,275,000	40	60					
9008	Barnes Road 46	Highway 12	Starnes 15	2.9	1800	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.6	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	68.35	PR	1-5 years	\$1,265,000	40	49					
9009	Concession Road 1	Concession Drive	Concession Road 1	1.0	1400	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.1	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	7.21	PR	6-12 years	\$185,000	45	46					
1200	Craigton Street	Windsor Street	Highway 12	0.3	1800	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.2	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	70.13	PR	6-12 years	\$185,000	27	25					
1212	Barnes Road	Patricia Drive	Courtland Street	0.2	1200	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.5	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	69.87	PR	1-5 years	\$110,000	34	31					
1240	Wiley Point Road	Patricia Drive	Patricia Drive	0.2	200	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.8	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	62.25	PR	1-5 years	\$200,000	30	31					
1304	Develon Drive	Concession Road 7	Four Jay Way	1.2	1300	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	70	PR	6-12 years	\$915,000	34	31					
3080	Midway Park Road	Starnes Beach Road	Starnes Beach Road	1.4	1100	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.6	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	76.42	PR	6-12 years	\$550,000	30	28					
3111	Concession Road 7	Starnes 15	Highway 12	2.5	700	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	64.15	PR	1-5 years	\$580,000	37	27					
4008	Barnes Station Boundary Road	Woods Road	Concession Road B/C	0.8	800	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.8	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	78.22	PR	1-5 years	\$112,000	41	39					
4108	Courtland Street	0.5 km W of Whitney Road	Barnes Road	1.0	1000	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.1	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	70.53	PR	6-12 years	\$263,000	23	23					
6016	Panorama Road	Brussels Subroad	Oriskany Subroad	2.1	900	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.5	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	76.62	PR	6-12 years	\$900,000	26	22					
6049	Midway Park Road	Windsor Drive	1st Bay Road	0.8	700	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	7.8	8	adeq	adeq	adeq	adeq	adeq	no ditch	new	65.70	PR	+ other work	1-5 years	\$199,000	36	33				
6102	Concession Road 21	Starnes Road	Starnes Road 46	0.2	1100	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.5	8	adeq	adeq	adeq	adeq	adeq	open ditch	new	64.72	VR	+ other work	1-5 years	\$67,000	13	20				
6104	Midway Subroad	0.5 km S of Cooper Falls Road	Cooper Falls Road	0.1	300	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.8	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	70.00	PR	6-12 years	\$40,000	13	13					
6180	Park Lane Crescent	Bluewater Drive	Bluewater Drive	1.6	300	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.8	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	77.45	PR	6-12 years	\$110,000	18	18					
6198	Barnes Station Boundary Road	Concession Road B/C	0.5 km W of Concession B/C	0.6	150	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.6	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	64.99	PR	1-5 years	\$175,000	35	19					
7010	Barnes Beach Road	Wiley Point Road	Wiley Point Road	0.3	300	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.6	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	67.03	PR	1-5 years	\$85,000	32	18					
8171	Brick Drive	Parliament Road	North End	1.4	250	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	no ditch	new	63.52	PR	+ other work	1-5 years	\$175,000	30	18				
8190	Barnes Station Boundary Road	Concession Road B/C	0.5 km W of Concession Road B/C	1.0	600	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.8	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	68.00	PR	1-5 years	\$101,000	31	12					
11111	Liberty Drive	Concession Road 1	0.5 km S of Simpson Road	0.9	800	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.8	8	adeq	adeq	adeq	adeq	adeq	open ditch	new	71.01	PR	+ other work	1-12 years	\$145,000	22	17				
30089	Ashe Drive	Little Lane	East End	1.5	300	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	7.2	8	adeq	adeq	adeq	adeq	adeq	no ditch	new	59.03	PR	+ other work	1-5 years	\$200,000	32	17				
1194	Concession Road 2	0.5 km S of Highway 12	Starnes Road	2.1	120	adeq	fair	resurface	gravel	gravel	gravel	gravel	5.5	8	0.10	adeq	adeq	adeq	adeq	open ditch	adeq	57.41	VR	new	\$200,000	33	17					
1296	Four Jay Road	Barnes Road	0.5 km W of Barnes Road	0.2	150	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	5.6	8	0.40	0.20	adeq	adeq	adeq	open ditch	new	71.04	VR	+ other work	6-12 years	\$48,000	26	17				
1301	Barnes Road	Highway 12	Courtland Street	0.7	300	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.5	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	70.63	PR	6-12 years	\$128,000	28	18					
1302	Courtland Street	Oriskany Subroad	Oriskany Subroad	0.2	250	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	76.31	PR	6-12 years	\$37,000	17	18					
1317	Courtland Street	Woods Road	Concession Road	0.1	600	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.9	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	78.29	PR	6-12 years	\$114,000	22	19					
1318	Craigton Street	Patton Street	Starnes Road	0.9	700	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.6	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	77.82	PR	6-12 years	\$103,000	23	18					
4114	Concession Road B/C	County Road 109	Starnes 15	2.1	150	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	7.0	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	76.22	PR	6-12 years	\$674,000	21	14					
1134	Woods Road	Woods Road	Woods Road	0.3	300	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	5.5	8	0.10	0.20	adeq	adeq	adeq	open ditch	adeq	77.00	VR	6-12 years	\$48,000	19	18					
1011	Concession Road 7	Highway 12	County Road 109	0.9	120	adeq	fair	resurface	gravel	gravel	gravel	gravel	5.5	8	1.00	adeq	adeq	adeq	adeq	open ditch	adeq	48.69	VR	new	\$160,000	36	14					
1182	Mar-Caden Boundary Road	0.5 km S of County Road 47	0.5 km S of County Road 47	2.0	160	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.3	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	38.08	PRC	new	\$1,388,000	53	13					
1186	Patricia Drive	Concession Road 15	Concession Road 15	1.4	160	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	5.4	8	0.10	adeq	adeq	adeq	adeq	open ditch	adeq	76.49	VR	6-12 years	\$176,000	30	13					
1202	Little Bay Trail	Starnes Road	Starnes Road	0.6	200	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	5.6	8	1.00	adeq	adeq	adeq	adeq	no ditch	new	54.98	VR	+ other work	1-5 years	\$80,000	35	13				
160	Concession Road B/C	Four Jay Way	Four Jay Way	6.4	900	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	7.0	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	76.29	PR	+ other work	6-12 years	\$6,148,000	61	10				
1276	Concession Road 39	Highway 12	Starnes 15	1.2	300	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.9	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	67.95	PR	1-5 years	\$592,000	34	13					
1320	Midway Street	Highway 12	South End	0.3	120	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.3	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	66.29	PR	1-5 years	\$41,000	29	12					
3100	Flintstone Avenue	Craigton Street	East End	0.4	120	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.4	8	adeq	adeq	adeq	adeq	adeq	open ditch	new	55.48	PR	+ other work	1-5 years	\$74,000	32	13				
1044	Concession Road A	Woods Drive	Mid Road	0.5	160	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.4	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	75.36	PR	6-12 years	\$60,000	18	12					
1184	Mar-Caden Boundary Road	County Road 47	0.5 km S of County Road 47	0.9	300	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	50.00	PRC	new	\$670,000	56	12					
1204	Concession Road 10	Starnes 15	0.5 km E of Starnes 15	2.6	400	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	71.95	PR	6-12 years	\$1,005,000	26	11					
1211	Bluebird Street	Airport Road	East End	0.9	350	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.2	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	68.82	PR	1-5 years	\$768,000	28	11					
1228	Four Jay Road	0.5 km W of Barnes Road	South End	0.6	200	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	5.4	8	0.40	0.10	adeq	adeq	adeq	no ditch	new	61.24	VR	+ other work	1-5 years	\$100,000	17	11				
1130	Turtle Path	Patton Crescent	0.5 km S of Patton Crescent	0.3	150	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	no ditch	new	60	PR	+ other work	1-5 years	\$130,000	31	10				
1150	Turtle Path	0.5 km S of Patton Crescent	Patton Crescent	0.9	100	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	new	60	PR	+ other work	1-5 years	\$402,000	31	10				
1157	Patton Crescent	Woods Drive	East End	1.5	400	adeq	good	resurface	asphalt	asphalt	asphalt	asphalt	6.1	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	75.36	PR	+ other work	6-12 years	\$100,000	39	10				
4100	Four Jay Road	County Road	South End	1.0	200	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	5.4	8	1.00	adeq	adeq	adeq	adeq	no ditch	new	70.29	VR	+ other work	6-12 years	\$11,100	39	10				
2048	Concession Road 39	0.5 km E of Starnes 15	County Road 109	0.8	400	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.7	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	76.79	PR	6-12 years	\$146,000	23	10					
1314	Oriskany Beach Road	0.5 km W of Oriskany Heights	1.0 km W of Oriskany Heights	0.9	350	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	6.2	8	adeq	adeq	adeq	adeq	adeq	open ditch	adeq	75.36	PR	6-12 years	\$1,005,000	23	10					
1113	Hape Trail	Liberty Drive	Little Bay Trail	0.3	200	adeq	fair	resurface	asphalt	asphalt	asphalt	asphalt	4.7	8	1.00	adeq	adeq	adeq	adeq	no ditch	new	63.06	VR	+ other work	1-5 years	\$100,000	29	10				

Ramara Road Needs Study 2025

Priority Guide Number - Highest to Lowest Priority

Road Section Identification & Details																Performance & Metrics										Investment Strategy					
Asset ID	Road Name	From	To	Length (km)	2025 ADIT	Geometrics		Surface Condition		Surface Type		Surface Width		Shoulder		Capacity		Drainage				PCI	Road Request	Dist. (years)	Time	Value	Priority Rating	Priority Guide Number			
						road	existing	road	existing	material	road	existing	material	road	road	road	road	road	road	road	road								road	road	
4268	Stewart St	Highway 12	Concession Road 11	0.7	300	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		1-5 years	\$280,000	24	9	
4308	Algonquin Road	Pin. School	Hubbard Street	2.2	350	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$504,000	21	9
4378	Bluewing Drive	County Road 189	Angler Lane	1.0	400	adeq	good	resurface	surface treated	surface treated	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$406,000	21	9
1344	Concession Road 10	Pin. School	Pin. School	1.4	200	adeq	fair	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	1-5 years	\$60,000	25	9
2034	Concession Road 9	Highway 12	County Road 189	2.7	120	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		7-10 years	\$288,000	17	9
3038	Concession Road 11	0.5 km E of Highway 12	Stewart St	2.0	200	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		1-5 years	\$750,000	20	8
1280	Peleeville Road	Highway 12	Concession Road 11	0.1	300	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$22,000	14	8
4130	Belmont Street	Burns Road	East End	1.3	150	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$160,000	15	8
4042	Becks Subsector	County Road 189	Parliament Road	0.9	450	adeq	good	resurface	surface treated	surface treated	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$405,000	19	8
2342	Concession Road 15	Stewart St	1.5 km E of Stewart St	1.6	150	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$243,000	14	8
1348	Caville Street	Caville Street	Henry Street	0.1	75	adeq	fair	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$28,000	20	8
3040	Henry Street Road	Stewart St	West End	0.8	180	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$268,000	18	7
4120	Linton Lane	Pin Point Road	West End	0.2	75	adeq	fair	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		1-5 years	\$27,000	20	7
4036	Waters Road 31	Highway 12	East End	0.2	400	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$89,000	20	7
11140	Lakeshore Drive	0.5 km E of Lincoln Road	Lincoln Road	0.1	300	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$113,000	21	7
3032	Baxter Road	Stewart St	0.5 km W of Stewart St	0.0	150	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	16	7
1034	Pin Point Road	West End	West End	0.8	250	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	1-5 years	\$148,000	30	7
11482	Bridge Avenue	Lake Avenue	0.5 km E of Lake Avenue	0.0	120	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$78,000	17	7
10428	Elm Eden Drive	Elm Eden Drive	North End	0.2	75	adeq	fair	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$33,000	21	6
1086	East River Road	County Road 189	South End	1.0	300	2	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$249,000	14	9
4034	John Street	Concession Road 1	Concession Road 1	0.1	180	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$81,000	18	6
41224	Harvey Drive	Harvey Drive Road	0.5 km W of Harvey Drive Road	0.8	400	adeq	good	adequate	surface treated	surface treated	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$260,000	17	6
4100	Oakridge Drive	Pinridge Road	North End	0.8	120	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$165,000	16	6
30334	Stewart Drive	North Street	North Street	0.8	300	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR	+ other work	6-10 years	\$770,000	14	6
4141	Beach Drive	Duck Road	0.5 km N of Duck Road	0.8	250	adeq	good	adequate	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$142,000	13	6
4076	Stewart St	Concession Road 11	Highway 12	0.9	180	2	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$186,000	12	5
1046	Henry Street	Caroline Street	Highway 12	0.1	75	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$14,000	14	5
11371	Washington Street	North Street	North Street	0.2	75	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$23,000	14	5
1006	Washington Street	North Street	North Street	0.1	75	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$20,000	14	5
2075	Harvey Lane	Stewart St	North Street	0.1	75	adeq	fair	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$84,000	22	5
1160	Concession Road 1	West End South Intersection	East End	0.1	40	adeq	fair	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		1-5 years	\$10,000	19	5
1093	Concession Road 1	Lakeshore Drive	Lincoln Road 47	0.8	150	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$139,000	9	5
1144	Cherry Beach Road	1.5 km W of Cherry Beach Rd	Concession Road 1	1.0	300	adeq	good	adequate	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$733,000	11	5
1080	Beach Road	Beach Road	Beach Road	0.2	40	adeq	fair	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		1-5 years	\$97,000	30	5
1081	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5
1080	Concession Road 1	Pin Point Road	North Street	0.8	200	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	PR		6-10 years	\$113,000	10	5

Ramara Road Needs Study 2025

Priority Guide Number - Highest to Lowest Priority

Road Section Identification & Details															Deficiencies & Needs										Improvement Strategy						
Asset ID	Road Name	From	To	Length (km)	2025 ADIT	Geometrics			Surface Condition			Surface Type			Surface Width			Shoulder		Capacity	Drainage				PCI	Road Sequence	Drill Age (years)	Time	Value	Priority Rating	Priority Guide Number
						need	existing	need	existing	existing	tolerate	need	existing	tolerate	need	existing	tolerate	need	need		existing	need									
4074	Line 2	South Street	County Road 108	2.2	75	adeq	fair	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	74.99	WR			\$20,000	18	3	
1091	Surface Drive	Muir Road	Muir Road	1.2	150	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	78	PR		0-10 years	\$510,000	18	3	
2021	Staircase 5	County Road 16	Mundy Lane	2.7	50	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	79	WR			\$145,000	15	3	
1334	Cherry Lane	South End	Concession Road 7	0.4	100	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	74.84	PR	+ other work	1-10 years	\$145,000	14	3	
2070	Staircase 15	South End	Concession Road 7	0.5	100	adeq	fair	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	75	WR			\$145,000	17	3	
4102	Park Lane	Park Lane Crescent	North End	0.5	75	adeq	fair	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	85.50	WR		1-5 years	\$100,000	21	3	
8112	Peter Street	Staircase Drive	Concession Road 7	0.4	100	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	87.68	WR	+ other work		\$100,000	9	3	
1028	Staircase 4/c	Staircase Road B/C	1.5 km N of Cape Road B/C	1.1	60	adeq	fair	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	82	WR			\$114,000	20	3	
1026	Marine Avenue	Staircase Drive	West End	0.9	100	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	86.24	WR	+ other work		\$284,000	10	3	
7008	Labview Drive	Parkview Drive	Highway 10	0.7	75	adeq	good	resurface	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	77.07	WR	+ other work	0-10 years	\$41,000	15	3	
10593	Concession Road 9	1.5 km S of County Road 108	Lake Delaplace	1.5	100	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	87.55	WR			\$702,000	11	3	
1070	Muir Road	Concession Road 9	Concession Road 4	1.4	120	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	80	PR			\$145,000	14	3	
1028	Concession Road 8	Ramara Road 17	Furness Drive	1.0	100	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	81.89	WR			\$361,000	6	3	
409	Higgins Bay Road	West End	West End	0.4	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	89.04	WR			\$49,000	10	3	
1102	High Street	Ramara Road 17	Cherry Street	0.2	100	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	77.64	PR	+ other work	0-10 years	\$80,000	18	3	
1030	Furness Drive	Concession Road 10	South End	0.5	75	2	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	70.09	WR			\$134,000	14	3	
2070	Concession Road 9	Staircase 15	Highway 10	0.4	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	79.86	WR			\$102,000	15	3	
1131	Cherry Street	Highway 10	West End	0.2	120	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	76.39	PR	+ other work	0-10 years	\$88,000	15	3	
1022	Eddy Creek Drive	West End	West End	0.5	100	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	86.12	WR	+ other work		\$131,000	11	2	
1091	Stone Gate Road	Ramara Road 17	West End	0.2	100	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	81	WR	+ other work		\$81,000	11	2	
1044	Concession Road 3	Staircase 15	Ramara Road 41	0.7	100	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	84.46	WR			\$149,000	5	2	
4070	Staircase 5/c	1.5 km N of Cape Road B/C	Concession Road D/E	1.0	50	adeq	fair	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	40	WR			\$175,000	20	2	
3036	Craigston Street North	Highway 10	North End	0.6	50	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	57.22	PR		1-5 years	\$285,000	26	2	
5222	Courtland Street	Craigston Street	South End	0.4	40	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	59.71	WR	+ other work	1-5 years	\$35,000	26	2	
1080	Staircase 6	Concession Road 17	Concession Road 9	1.4	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	86	WR			\$112,000	9	2	
20474	Bayview Drive	Concession Road 9	0.5 km S of Cape Road 9	0.4	40	adeq	good	adequate	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	80.10	WR	+ other work		\$65,000	17	2	
1100	Parkview Drive	South End	Parkview Crescent	0.5	100	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	78	PR	+ other work	0-10 years	\$130,000	15	2	
4112	Reynolds Street	South End	Bayview Drive	0.6	120	2	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	81.58	WR			\$140,000	8	2	
30108	Marion Drive	John Street	Marion Drive	0.8	100	adeq	very good	adequate	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	88.53	WR			\$387,000	9	2	
3076	Staircase 20	Marion Road	Concession Road 12	0.4	100	2	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	98	WR			\$834,000	5	2	
1060	Stair Drive	County Road 108	South End	0.6	75	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	76.88	PR	+ other work	0-10 years	\$257,000	16	2	
4070	Timber Avenue	Concession Road 10	South End	0.3	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	76.00	WR	+ other work		\$170,000	14	2	
1010	Bay View Point Road	Concession Road 7	South End	0.4	75	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	79	PR			\$175,000	14	2	
1474	EDGE Avenue	0.5 km S of Lake Avenue	0.5 km S of Lake Avenue	0.4	50	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	64	PR		1-5 years	\$41,000	43	2	
2088	Staircase 20	Concession Road 10	County Road 108	0.6	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	78	WR			\$200,000	16	2	
1000	Phonetic Park Crescent	Cherry Beach Road	Cherry Beach Road	0.4	75	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	76.01	PR	+ other work	0-10 years	\$186,000	17	2	
1034	Island Drive	Wulfe Park Road	South End	0.2	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	87.62	WR			\$101,000	8	1	
3010	Uglen Street	Craigston Street	South End	0.1	50	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	76.62	PR			\$41,000	14	1	
2028	Concession Road 3	Highway 10	County Road 108	1.4	75	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	92.00	WR			\$700,000	5	1	
1040	Headwork Court	Surface Drive	North End	0.2	40	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	74.98	PR			\$85,000	17	1	
1035	Paradise Drive	Labview Drive	Marine Park Road	0.2	200	adeq	very good	adequate	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	95.65	WR			\$76,000	4	1	
1046	Anderson Avenue	1.5 km S of Courtyard Street	West End	0.4	40	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	74.23	PR		1-10 years	\$16,000	16	1	
1040	Claydon Avenue	Staircase Drive	West End	0.2	75	adeq	good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	86.24	WR			\$16,000	9	1	
2034	Concession Road 6	Staircase 15	Highway 10	1.1	100	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	91.09	WR			\$739,000	5	1	
3076	EDGE Avenue	Wulfe Park Road	South End	1.0	100	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	91.00	WR			\$146,000	5	1	
1032	Shayburn Trail	Southbound Downbound	South End	0.2	40	adeq	good	adequate	surface treated	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	81	WR	+ other work		\$14,000	10	1	
2033	Black Beach Lane	Marine Caravan Boundary Road	West End	1.0	100	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	92.75	WR			\$265,000	5	1	
2044	Cable Road	Paradise Drive	Staircase 15	1.0	75	adeq	very good	adequate	gravel	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	94.80	WR			\$214,000	3	1	
1070	Staircase Lane	Surface Drive	West End	0.2	40	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	76	PR		0-10 years	\$64,000	16	1	
3060	Headwork Court	Surface Drive	North End	0.2	40	adeq	fair	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	87.62	WR	+ other work		\$14,000	10	1	
1036	Shayburn Trail	Surface Drive	South End	0.2	40	adeq	good	resurface	asphalt	gravel	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	adeq	77.2.26							

Ramara Road Needs Study 2025

Priority Guide Number - Highest to Lowest Priority

Road Section Identification & Details						Performance & Needs																Investment Strategy									
Asset ID	Road Name	From	To	Length (mi)	2025 ADST	Geometrics			Surface Condition				Surface Type				Surface Width				Shoulder		Drainage		PCI	Road Request	Drill Age (yr)	Time	Value	Priority Rating	Priority Guide Number
						sever	existing	good	existing	adequate	sever	existing	adequate	good	sever	existing	adequate	good	sever	existing	sever	existing	sever								
1094	East Cedar Drive	E Arm N of McRae Park Road	East End	0.1	49	adeq	good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	adeq	88.28	WR							\$27,000	8	1		
4272	Whelan Way	East River Road	West End	0.2	49	adeq	good	adequate	gravel	gravel	adeq	4.8	5	1.20	adeq	adeq	no ditch	new									\$45,000	7	1		
3211	Windwater Street	Orington Street	Patricia Drive	0.1	75	adeq	very good	adequate	surface treated	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	new									\$50,000	6	1		
4076	Corcoran Rd	Corcoran Rd	West End	1.4	75	adeq	very good	adequate	gravel	gravel	adeq	5.0	5	2.00	adeq	adeq	open ditch	new									\$10,000	5	1		
3302	Steward St	Windy Point Road	Bonnie Good Road	0.5	40	adeq	good	adequate	gravel	gravel	adeq	3.0	5	2.00	adeq	adeq	open ditch	adeq	86	WR							\$100,000	9	1		
4130	Beech Drive	Beach Road	South End	0.0	105	adeq	very good	adequate	surface treated	gravel	adeq	4.5	5	1.00	adeq	adeq	no ditch	new	94.50	WR	+ other work						\$225,000	4	1		
3392	Travis Lane	Winchester Road	North End	0.1	50	adeq	good	adequate	surface treated	gravel	adeq	3.0	5	1.00	adeq	adeq	no ditch	new	87	WR	+ other work						\$90,000	8	1		
2388	Stearnsburg Drive	Corcoran Road 5	State Hwy 100 Bus	0.1	75	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	adeq	91	WR							\$100,000	7	1		
3391	Queen Street	Origen Street	South End	0.1	49	adeq	good	adequate	asphalt	gravel	adeq	5.0	5	1.00	adeq	adeq	open ditch	adeq	83.89	WR							\$40,000	10	1		
4102	Ellis Drive	Bonnie Road	West End	0.5	75	adeq	very good	adequate	gravel	gravel	adeq	4.5	5	1.00	adeq	adeq	open ditch	new	95.40	WR	+ other work						\$60,000	3	1		
1700	Thermal 15	Corcoran Road 7	Corcoran Road 5	1.4	50	2	very good	adequate	gravel	gravel	adeq	4.4	5	1.00	adeq	adeq	open ditch	adeq	94	WR							\$17,000	3	1		
4072	Smith Street	Marble Road	Line 2	1.4	50	1	very good	adequate	gravel	gravel	adeq	4.5	5	1.00	adeq	adeq	open ditch	adeq	95	WR							\$330,000	3	0		
3331	Paulette Drive	Paulette Drive	West End	0.1	49	adeq	very good	adequate	surface treated	gravel	adeq	4.0	5	2.00	0.50	adeq	no ditch	new	90.71	WR	+ other work						\$26,000	6	0		
3334	Origen Street	Origen Street	West End	0.1	50	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	adeq	91.00	WR							\$27,000	8	0		
3278	Steward St	West Road	South End	0.5	49	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	adeq	91	WR							\$118,000	8	0		
4084	John Street	County Road 109	North End	0.2	49	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	no ditch	new	94.80	WR	+ other work						\$60,000	3	0		
1705	Corcoran Road 6	Carle Road	E Arm W of Carle Road	0.1	49	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	adeq	100.00	WR							\$100,000	0	0		
1060	Corcoran Road	Corcoran Drive	North End	0.3	49	adeq	very good	adequate	gravel	gravel	adeq	5.0	5	1.00	adeq	adeq	no ditch	new	100.00	WR	+ other work						\$60,000	0	0		
1020	Florida Avenue	Corcoran Road 5	North End	0.1	100	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	1.00	adeq	adeq	open ditch	adeq	100.00	WR							\$60,000	0	0		
306	Hilltop Road	Whelan Drive	McRae Park Road	0.2	105	adeq	very good	adequate	surface treated	gravel	adeq	5.2	5	0.50	adeq	adeq	open ditch	adeq	100.00	WR							\$40,000	0	0		
1444	Lake Avenue	Lake Avenue	Wedge Avenue	0.2	50	adeq	very good	adequate	surface treated	gravel	adeq	4.0	5	2.00	adeq	adeq	no ditch	new	100.00	WR	+ other work						\$74,000	0	0		
20054	Steward Road 47	Trout Creek Bridge	Trout Creek Bridge	0.4	100	adeq	very good	adequate	asphalt	surface treated	adeq	5.0	5	0.50	adeq	adeq	no ditch	new	100	WR	+ other work						\$225,000	0	0		
2062	Steward 13	Corcoran Road 5	Corcoran Road 8	1.8	50	adeq	very good	adequate	gravel	gravel	adeq	4.7	5	1.30	adeq	adeq	open ditch	adeq	100	WR							\$280,000	0	0		
2002	Steward 5	Corcoran Road 22	County Road 46	1.4	105	2	very good	adequate	gravel	gravel	adeq	5.0	5	0.50	adeq	adeq	open ditch	adeq	100	WR							\$180,000	0	0		
4304	Spring Moss Road	County Road 109	Bonnie Road	0.1	49	adeq	very good	adequate	gravel	gravel	adeq	4.0	5	2.00	adeq	adeq	open ditch	adeq	100	WR							\$110,000	0	0		
4354	Steward Road	Bonnie Road	West End	0.2	49	adeq	very good	adequate	gravel	gravel	adeq	5.0	5	1.00	adeq	adeq	open ditch	adeq	100	WR							\$40,000	0	0		
3312	Windwater Street	Travis Lane	Origen Street	0.1	75	adeq	very good	adequate	surface treated	gravel	adeq	4.0	5	1.00	adeq	adeq	no ditch	new	100	WR	+ other work						\$30,000	0	0		

Appendix H: Road Implementation Plan

Improvement Implementation Plan

App H - Implement
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Ramara Road Needs Study 2025

Improvement Implementation Plan

Ranking & Rating			Road Section Identification & Details										Performance & Needs										Improvement Strategy					
Rank	Year	Priority Ranking Number	Asset ID	Road Name	From	To	Length (km)	2021 ADOT	Comments	Surface Condition		Surface Type		Surface Width		Shoulder	Capacity	Drainage		BCI	Road Features	Drain Features	Type	Value	Priority Rating			
										road	existing	road	existing	feasible	road	existing	feasible	road	road	existing	road							
93	8	8	4108	East River Road	County Road 106	North End	0.9	105	2	good	no/face	surface treated	gravel	asphalt	4.7	6	asphalt	0.15	asphalt	open ditch	asphalt	75	DR	W	6-10 years	\$148,000	16	
94	8	6	4190	Oak-Midge Drive	(Pineville Road)	North End	0.9	124	asphalt	good	no/face	surface treated	gravel	asphalt	6.6	6	asphalt	asphalt	asphalt	no ditch	none	77	DR	+ ditch work	6-10 years	\$185,000	16	
100	8	5	3198	Henry Street	Charlotte Street	Highway 12	0.1	70	asphalt	good	asphalt	surface treated	gravel	asphalt	0.5	0	asphalt	1.75	asphalt	open ditch	asphalt	77	DR		0-10 years	\$15,000	10	
102	5	5	3274	McIntosh Street	Plant Street	City Street	0.2	75	asphalt	good	asphalt	surface treated	gravel	asphalt	0	0	asphalt	asphalt	asphalt	open ditch	asphalt	75	DR		0-10 years	\$12,000	14	
107	8	5	3205	Washington Street	Van Street		0.2	75	asphalt	good	asphalt	surface treated	gravel	asphalt	5	5	asphalt	asphalt	asphalt	open ditch	asphalt	75	DR		0-10 years	\$19,000	14	
108	8	5	3206	White Street	White Street (South Intersection)	West End	0.2	74	asphalt	fair	asphalt	surface treated	gravel	asphalt	4.9	5	asphalt	asphalt	asphalt	open ditch	asphalt	74	DR		0-10 years	\$12,000	14	
109	8	5	3241	Craigmont Street	Perennia Avenue	North End	0.8	200	asphalt	good	asphalt	surface treated	gravel	asphalt	6.4	6	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$211,000	19	
112	8	5	3248	Lebanon Street	Highway 12	South End	0.2	135	asphalt	fair	asphalt	surface treated	gravel	asphalt	5.9	5	asphalt	asphalt	asphalt	open ditch	asphalt	75	DR		0-10 years	\$16,000	16	
117	8	4	32761	Indefatigable St	Concession Road 11	St John's of Concession Road 11	0.1	200	asphalt	good	no/face	asphalt	gravel	asphalt	8	6	asphalt	asphalt	asphalt	open ditch	asphalt	77	DR	+ ditch work	0-10 years	\$44,000	16	
118	8	4	3088	Weyburn Avenue	White Park Road	St John's of White Park Road	0.7	180	asphalt	fair	no/face	asphalt	gravel	asphalt	6.7	6	asphalt	asphalt	asphalt	no ditch	none	77	DR	+ ditch work	0-10 years	\$173,000	21	
119	8	5	3276	Concession Road 12	West End		0.5	155	asphalt	good	no/face	asphalt	gravel	asphalt	6	6	asphalt	1.75	asphalt	open ditch	asphalt	76	DR		0-10 years	\$17,000	16	
120	8	3	4076	Asht Crescent	West End	South End	0.3	40	1	fair	asphalt	surface treated	gravel	asphalt	0.5	0	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$40,000	16	
121	8	3	3034	Carleton Drive	Plant Road	Plant Road	0.2	155	asphalt	good	no/face	asphalt	asphalt	asphalt	6.7	5	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$110,000	16	
122	8	3	1139	Church Street	Concession Road 6	South End	0.3	155	asphalt	good	no/face	asphalt	asphalt	asphalt	6.5	0	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR	+ ditch work	0-10 years	\$130,000	17	
123	8	3	1092	Plant Road	Concession Road 6	Concession Road 6	2.4	133	asphalt	good	no/face	asphalt	asphalt	asphalt	6.2	5	asphalt	asphalt	asphalt	open ditch	asphalt	82	DR		0-10 years	\$111,000	14	
124	8	3	1142	Henry Street	Concession Road 17	City Street	0.2	124	asphalt	good	no/face	asphalt	asphalt	asphalt	6.6	5	asphalt	asphalt	asphalt	no ditch	none	76	DR	+ ditch work	0-10 years	\$86,000	16	
125	8	2	1137	City Street	Highway 12	West End	0.2	123	asphalt	good	no/face	asphalt	asphalt	asphalt	6.5	5	asphalt	asphalt	asphalt	no ditch	none	76	DR	+ ditch work	0-10 years	\$80,000	16	
126	8	2	1263	Concession Road 10	Highway 12	North End	0.6	100	asphalt	fair	no/face	asphalt	gravel	asphalt	7	5	asphalt	asphalt	asphalt	open ditch	asphalt	82	DR		0-10 years	\$123,000	26	
127	8	2	1160	Rowley Court	South End	Rowley Crescent	0.3	100	asphalt	good	no/face	asphalt	asphalt	asphalt	6.7	6	asphalt	asphalt	asphalt	no ditch	none	76	DR	+ ditch work	0-10 years	\$138,000	16	
128	8	2	4146	Steele Drive	County Road 106	South End	0.4	70	asphalt	good	no/face	asphalt	asphalt	gravel	6	6	asphalt	asphalt	asphalt	no ditch	none	77	DR	+ ditch work	0-10 years	\$157,000	16	
129	8	2	1018	Sty Office Road Road	Concession Road 6	South End	0.4	75	asphalt	good	no/face	asphalt	asphalt	gravel	6.8	6	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$176,000	14	
130	8	2	1145	Bridge Avenue	St John's of Lake Avenue	St John's of Lake Avenue	0.1	40	asphalt	fair	no/face	asphalt	gravel	asphalt	7	5	asphalt	asphalt	asphalt	open ditch	asphalt	65	DR		0-10 years	\$44,000	20	
131	8	2	5090	Wheatley Park Crescent	Oldway Park Road	Oldway Park Road	0.4	75	asphalt	good	no/face	asphalt	asphalt	gravel	6.8	6	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR	+ ditch work	0-10 years	\$180,000	14	
132	8	1	3242	Quincy Street	Quincy Street	Quincy Street	0.1	50	asphalt	good	no/face	asphalt	asphalt	asphalt	6.4	6	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$16,000	14	
133	8	1	3040	Wheatcroft Court	Carleton Drive	North End	0.2	40	asphalt	fair	no/face	asphalt	asphalt	asphalt	6.7	6	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$80,000	17	
134	8	1	3146	Anderson Avenue	1/2 Mile E of Courtyard Street	East End	0.4	40	asphalt	fair	no/face	asphalt	asphalt	asphalt	6.8	0	asphalt	0.15	asphalt	open ditch	asphalt	74	DR		0-10 years	\$163,000	16	
135	8	1	1018	Connelly Lane	Carleton Drive	East End	0.2	40	asphalt	good	no/face	asphalt	asphalt	asphalt	6.7	6	asphalt	asphalt	asphalt	open ditch	asphalt	76	DR		0-10 years	\$16,000	14	
136	8	1	1018	Imperial Creek Lane	Carleton Drive	South End	0.2	40	asphalt	good	no/face	asphalt	asphalt	asphalt	6.7	6	asphalt	asphalt	asphalt	open ditch	asphalt	77	DR		0-10 years	\$16,000	14	
The following roads are White & Blacktop only (ie. do not have other definitions concerning road improvement, other than Blacktop) and thus have been ranked separately as they are lower priority																												
137	8	17	1092	Concession Road 7	Station E of Highway 12	East End	0.5	180	asphalt	fair	no/face	asphalt	gravel	asphalt	5.5	5	1.5	asphalt	asphalt	asphalt	open ditch	asphalt	55	W	W	none	\$184,000	33
138	8	14	1012	Concession Road 7	County Road 106	East End	0.9	118	asphalt	fair	no/face	asphalt	gravel	asphalt	5	6	1.00	asphalt	asphalt	asphalt	open ditch	asphalt	55	W	W	none	\$184,000	36
139	8	10	3072	Concession Road 11	Palmyra Road	Revere Road 45	0.3	100	asphalt	good	adequate	gravel	asphalt	none	5.5	0	0.50	asphalt	asphalt	asphalt	open ditch	asphalt	65	W	W	+ ditch work	\$67,000	18
140	8	17	1016	Palmyra Road	St John's of Palmyra Road		0.3	100	asphalt	fair	no/face	surface treated	gravel	asphalt	5.6	0	0.40	1.75	asphalt	open ditch	asphalt	73	W	W	+ ditch work	\$14,000	36	
141	8	14	4234	Quack Road	Revere Road	Beach Drive	0.2	100	asphalt	fair	no/face	surface treated	gravel	asphalt	5.5	0	0.50	0.20	asphalt	open ditch	asphalt	73	W	W		\$41,000	23	
142	8	13	3091	Palmyra Road	North Road	St John's Road 12	0.4	193	asphalt	good	adequate	asphalt	asphalt	asphalt	6.1	0	0.60	asphalt	asphalt	asphalt	open ditch	asphalt	77	W	W		\$194,000	19
143	8	13	1126	Palmyra Trail	Palmyra Road	Highway 12	0.3	200	asphalt	fair	no/face	surface treated	gravel	asphalt	5	5	1.00	asphalt	asphalt	no ditch	none	65	W	W	+ ditch work	\$16,000	36	
144	13	13	1016	Palmyra Road	St John's of Palmyra Road	South End	0.9	147	asphalt	good	adequate	surface treated	surface treated	asphalt	4.9	4	1.10	asphalt	asphalt	asphalt	open ditch	asphalt	66	W	W		\$161,000	18
145	10	8	3094	Concession Road 9	Highway 12	County Road 106	0.7	115	asphalt	good	adequate	gravel	asphalt	asphalt	5.8	6	0.50	asphalt	asphalt	asphalt	open ditch	asphalt	78	W	W		\$160,000	17
146	10	8	3096	Palmyra Road	Palmyra Road 45	Concession Road 11	0.1	160	asphalt	good	adequate	gravel	asphalt	asphalt	5.8	6	0.50	asphalt	asphalt	no ditch	none	65	W	W	+ ditch work	\$15,000	31	
147	10	7	3010	Palmyra Road	St John's of Palmyra Road	West End	0.6	150	asphalt	good	adequate	gravel	asphalt	asphalt	5	5	1.00	asphalt	asphalt	asphalt	open ditch	asphalt	75	W	W		\$117,000	16
148	10	6	4192	Van Elton Drive	Van Elton Drive	North End	0.2	75	asphalt	fair	adequate	gravel	gravel	asphalt	5.5	0	0.50	asphalt	asphalt	no ditch	none	60	W	W	+ ditch work	\$13,000	21	
150	10	6	3091	Concession Road 9	Concession Road 9	Concession Road 9	0.2	160	asphalt	good	adequate	gravel	asphalt	asphalt	5	5	0.50	asphalt	asphalt	open ditch	asphalt	75	W	W		\$160,000	18	
151	10	6	4127	Palmyra Drive	Palmyra Road Road	St John's of Palmyra Road	0.9	160	asphalt	good	adequate	surface treated	surface treated	asphalt	4.9	4	1.10	asphalt	asphalt	asphalt	open ditch	asphalt	66	W	W		\$161,000	18
152	10	5	3010	Indefatigable Drive	John Street	John Street	0.9	160	2	good	adequate	gravel	gravel	asphalt	5	6	1.00	asphalt	asphalt	open ditch	asphalt	64	W	W		\$146,000	17	
153	10	4	4106	Palmyra Road	Palmyra Road	St John's of Palmyra Road	0.8	160	asphalt	good	adequate	surface treated	gravel	asphalt	6	6	1.00	asphalt	asphalt	open ditch	asphalt	66	W	W		\$144,000	18	
154	10	5	3076	Indefatigable St	Concession Road 11	Highway 12	0.9	160	2	good	adequate	gravel	gravel	asphalt	5	6	1.00	asphalt	asphalt	open ditch	asphalt	64	W	W		\$146,000	18	
155	10	5	1070	Palmyra's Lane	Indefatigable St	Indefatigable St	0.1	75	asphalt	good	adequate	gravel	gravel	asphalt	5	6	1.00	asphalt	asphalt	open ditch	asphalt	66	W	W		\$644,000	22	

Ramara Road Needs Study 2025

Improvement Implementation Plan

Ranking & Rating			Road Section Identification & Details										Performance & Needs										Improvement Strategy					
Rank	Year	Priority Ranking Number	Asset ID	Road Name	From	To	Length (mi)	2023 ADOT	Accessories	Surface Condition	Surface Type	Surface Width		Shoulder	Capacity	Drainage	BCI	Road Features	Dist. Impervious	Notes	Value	Priority Rating						
									road	existing	road	existing	schedule	road	road	road	existing	road										
188	0	6	1007	Concession Road 1	Abundant Drive	Reynolds Road 40	0.8	185	adhes	good	adequate	gravel	gravel	adhes	6.5	6	0.65	adhes	adhes	open ditch	adhes	85	WV			\$139,000	9	
187	0	5	7344	Oldway Beach Road	Oldway Beach Road	Oldway Beach Road	1.0	300	adhes	good	adequate	asphalt	gravel	adhes	5.6	6	0.40	adhes	adhes	open ditch	adhes	87	WV			\$922,000	11	
186	0	5	11085	Concession Road 2	Winger Drive	Delwood 25	0.9	180	adhes	good	adequate	gravel	gravel	adhes	7.5	6	0.50	adhes	adhes	open ditch	adhes	85	WV			\$452,000	6	
185	0	5	20462	Reynolds Beach Road	Reynolds Beach Road	Delwood 25	0.6	150	adhes	good	adequate	asphalt	asphalt	adhes	7	2	0.25	adhes	adhes	open ditch	adhes	85	WV			\$122,000	10	
122	0	5	3060	Reynolds Avenue	Reynolds Avenue	10th N/E of Phelps Park Road	0.2	20	adhes	fair	adequate	gravel	gravel	adhes	5.2	5	0.60	adhes	adhes	no ditch	new	62	WV	+ ditch work		\$29,000	22	
114	0	2	20068	Winger Drive	Winger Drive	Winger Drive	0.7	144	adhes	good	adequate	surface treated	gravel	adhes	4.2	5	0.60	adhes	adhes	no ditch	new	86	WV	+ ditch work		\$477,000	14	
112	0	1	1217	Winger Road	Winger Road	Winger Road	0.6	125	fair	good	adequate	gravel	gravel	adhes	4.2	5	0.50	adhes	open ditch	new	75	WV	+ ditch work		\$23,000	16		
110	0	4	11452	Delwood 15	Canal Road	Concession Road 1	1.4	200	adhes	good	adequate	gravel	gravel	adhes	5.4	5	0.20	adhes	adhes	open ditch	adhes	87	WV			\$187,000	9	
107	0	1	5306	Delwood Road 18	Delwood Road 18	Delwood Road 18	0.8	180	adhes	good	adequate	gravel	gravel	adhes	5	5	0.60	adhes	adhes	open ditch	adhes	85	WV			\$69,000	6	
115	0	4	4116	Delwood 15	Delwood 15	Delwood 15	0.7	180	adhes	good	adequate	asphalt	gravel	adhes	5	5	0.05	adhes	adhes	open ditch	adhes	84	WV			\$84,000	11	
118	0	4	20462	Concession Road 9	10th N/E of Concession Road 10	10th N/E of Concession Road 10	1.2	300	adhes	good	adequate	gravel	gravel	adhes	5.5	5	0.10	adhes	adhes	open ditch	adhes	84	WV			\$128,000	11	
117	0	3	1136	Winger Avenue	Winger Avenue	Winger Avenue	0.9	75	adhes	fair	adequate	surface treated	gravel	adhes	5	5	0.10	adhes	adhes	open ditch	adhes	85	WV			\$97,000	10	
119	0	3	1105	Delwood 15	Delwood 15	Delwood 15	0.5	180	adhes	good	adequate	surface treated	gravel	adhes	5.3	5	0.70	adhes	adhes	no ditch	new	85	WV	+ ditch work		\$13,000	5	
113	0	3	4074	Line 3	County Road 208	County Road 208	2.2	75	adhes	fair	adequate	asphalt	asphalt	adhes	4.5	5	0.50	adhes	adhes	open ditch	adhes	75	WV			\$320,000	16	
120	0	3	2159	Delwood 15	County Road 40	County Road 40	0.7	20	adhes	good	adequate	gravel	gravel	adhes	5.0	5	0.50	adhes	adhes	open ditch	adhes	75	WV			\$45,000	10	
123	0	3	2076	Delwood 15	County Road 1	County Road 1	0.6	200	adhes	fair	adequate	gravel	gravel	adhes	2.8	5	0.20	adhes	adhes	open ditch	adhes	75	WV			\$187,000	17	
122	0	3	11452	Winger Lane	Winger Lane	Winger Lane	0.3	75	adhes	fair	adequate	surface treated	gravel	adhes	5	5	0.05	adhes	adhes	open ditch	adhes	85	WV			\$160,000	16	
121	0	2	2012	Delwood 15	County Road 1	County Road 1	0.4	110	adhes	good	adequate	gravel	gravel	adhes	4	5	0.50	adhes	adhes	open ditch	adhes	85	WV			\$10,000	9	
120	0	3	1008	Delwood 15	Concession Road 9/C	Concession Road 9/C	0.1	90	adhes	fair	adequate	gravel	gravel	adhes	4	5	0.05	adhes	adhes	open ditch	adhes	82	WV			\$11,000	10	
116	0	3	4116	Winger Avenue	Winger Avenue	Winger Avenue	0.9	180	adhes	good	adequate	gravel	gravel	adhes	4	5	0.05	adhes	adhes	open ditch	new	86	WV	+ ditch work		\$184,000	10	
124	0	3	3060	Delwood 15	Delwood 15	Delwood 15	0.2	75	adhes	good	adequate	surface treated	gravel	adhes	4.2	5	0.80	adhes	adhes	no ditch	new	77	WV	+ ditch work		\$43,000	10	
125	0	3	10082	Concession Road 3	10th N/E of County Road 160	10th N/E of County Road 160	1.5	300	adhes	good	adequate	gravel	gravel	adhes	4.5	5	0.50	adhes	adhes	open ditch	adhes	84	WV			\$167,000	11	
126	0	3	1008	Concession Road 10	Reynolds Road 47	Reynolds Road 47	1.5	150	adhes	very good	adequate	gravel	gravel	adhes	5	5	0.05	adhes	adhes	open ditch	adhes	90	WV			\$300,000	6	
129	0	3	4094	Winger Road	Winger Road	Winger Road	0.4	75	adhes	good	adequate	gravel	gravel	adhes	5	5	0.05	adhes	adhes	open ditch	adhes	85	WV			\$65,000	10	
130	0	3	10082	Concession Road 10	County Road 1	County Road 1	0.5	75	adhes	good	adequate	asphalt	asphalt	adhes	4	5	0.50	adhes	adhes	open ditch	adhes	75	WV			\$139,000	14	
131	0	3	10032	Concession Road 10	Delwood 15	Delwood 15	0.4	75	adhes	good	adequate	asphalt	asphalt	adhes	4	5	0.05	adhes	adhes	open ditch	adhes	85	WV			\$180,000	13	
132	0	2	1012	County Road 1	County Road 1	County Road 1	0.5	200	adhes	good	adequate	gravel	gravel	adhes	4	5	0.50	adhes	adhes	no ditch	new	84	WV	+ ditch work		\$25,000	11	
133	0	2	1004	County Road 1	County Road 1	County Road 1	0.3	200	adhes	good	adequate	gravel	gravel	adhes	4	5	0.05	adhes	adhes	open ditch	adhes	81	WV	+ ditch work		\$16,000	11	
130	0	2	1101	Concession Road 3	Delwood 15	Delwood 15	0.7	260	adhes	very good	adequate	gravel	gravel	adhes	5.5	5	0.05	adhes	adhes	open ditch	adhes	91	WV			\$181,000	5	
136	0	2	1003	Delwood 15	10th N/E of County Road 9/C	Concession Road 3/C	1.0	90	adhes	fair	adequate	gravel	gravel	adhes	2.2	5	0.80	adhes	adhes	open ditch	adhes	82	WV			\$473,000	13	
138	0	2	1012	County Road 1	County Road 1	County Road 1	0.1	40	adhes	fair	adequate	asphalt	asphalt	adhes	5.6	5	0.40	adhes	adhes	no ditch	new	85	WV	+ ditch work		5.0 years	\$16,000	10
137	0	2	1100	Delwood 15	Concession Road 47	Concession Road 47	1.4	30	adhes	good	adequate	gravel	gravel	adhes	5.5	5	0.50	adhes	adhes	open ditch	adhes	86	WV			\$115,000	9	
139	0	2	10454	Delwood 15	Concession Road 9	10th N/E of County Road 9	0.4	40	adhes	good	adequate	surface treated	gravel	adhes	4	4	0.35	adhes	adhes	no ditch	new	85	WV	+ ditch work		\$60,000	10	
135	0	2	4112	Winger Drive	Winger Drive	Winger Drive	0.6	110	adhes	very good	adequate	gravel	gravel	adhes	4.5	5	0.50	adhes	adhes	open ditch	adhes	93	WV			\$144,000	4	
140	0	2	10035	Delwood 15	County Road 1	County Road 1	0.6	150	adhes	very good	adequate	surface treated	gravel	adhes	4	5	0.20	adhes	adhes	open ditch	adhes	93	WV			\$267,000	5	
245	0	2	1076	Delwood 15	County Road 1	County Road 1	0.3	180	adhes	very good	adequate	asphalt	asphalt	adhes	5	5	0.05	adhes	adhes	open ditch	adhes	93	WV			\$89,000	5	
142	0	2	10035	Delwood 15	County Road 1	County Road 1	0.3	75	adhes	good	adequate	asphalt	asphalt	adhes	5.5	5	0.50	adhes	adhes	open ditch	adhes	93	WV			\$20,000	14	
141	0	1	1009	Delwood 15	County Road 1	County Road 1	0.9	90	adhes	good	adequate	gravel	gravel	adhes	4	5	0.05	adhes	adhes	open ditch	adhes	75	WV			\$20,000	14	
246	0	1	1119	Winger Drive	Winger Drive	Winger Drive	0.2	75	adhes	good	adequate	gravel	gravel	adhes	4.8	4	0.10	adhes	adhes	no ditch	new	89	WV	+ ditch work		\$41,000	7	
143	0	1	1106	Concession Road 4	County Road 1	County Road 1	1.8	75	adhes	very good	adequate	gravel	gravel	adhes	5	5	0.05	adhes	adhes	open ditch	adhes	91	WV			\$136,000	5	
146	0	1	1101	Delwood 15	Delwood 15	Delwood 15	0.7	260	adhes	very good	adequate	surface treated	gravel	adhes	4	5	0.05	adhes	adhes	open ditch	adhes	91	WV			\$76,000	4	
147	0	1	1040	County Road 1	Winger Drive	Winger Drive	0.3	75	adhes	good	adequate	gravel	gravel	adhes	5.5	5	0.70	adhes	adhes	open ditch	adhes	88	WV			\$79,000	4	
148	0	1	1004	Concession Road 10	Delwood 15	Delwood 15	1.5	300	adhes	very good	adequate	gravel	gravel	adhes	4	5	0.50	adhes	adhes	open ditch	adhes	90	WV			\$176,000	4	
145	0	1	1070	County Road 1	County Road 1	County Road 1	1.0	300	adhes	very good	adequate	gravel	gravel	adhes	4	5	0.05	adhes	adhes	open ditch	adhes	93	WV			\$100,000	5	
247	0	1	4132	Delwood 15	Delwood 15	Delwood 15	0.2	40	adhes	good	adequate	surface treated	gravel	adhes	4.7	4	0.80	adhes	adhes	no ditch	new	95	WV	+ ditch work		\$238,000	4	

Ramara Road Needs Study 2025

Improvement Implementation Plan

Ranking & Rating			Road Section Identification & Details										Performance & Needs										Improvement Strategy				
Rank	Year	Priority Ranking Number	Asset ID	Road Name	From	To	Length (mi)	2023 ADOT	Intersections	Surface Condition		Surface Type		Surface Width		Schedule	Capacity	Drainage		BCI	Road Features	Other Improvements	Notes	Value	Priority Rating		
									need	existing	need	existing	schedule	need	existing	schedule	need	existing	need								
185	0	1	9152	Union Lane	Winchester Road	North End	0.2	40	adeq	good	adequate	surface treated	gravel	adeq	5	6	N/A	adeq	adeq	no ditch	none	81	WR	2 ditch work	\$80,000	3	
185	0	1	2039	Winchester Drive	Connection Road 9	Carl of Ann Avenue	0.4	75	adeq	very good	adequate	gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	adeq	94	WR		\$100,000	4	
185	0	1	7154	Queen Street	Queen Street	South End	0.1	40	adeq	good	adequate	asphalt	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	adeq	84	WR		\$40,000	10	
182	0	1	4222	224 Drive	Burns Road	Union End	0.2	75	adeq	very good	adequate	asphalt	asphalt	adeq	4.2	2	1.25	adeq	adeq	open ditch	none	92	WR	2 ditch work	\$60,000	2	
267	0	1	1060	Jefferson St	Connection Road 7	Connection Road 5	1.4	50	2	very good	adequate	gravel	gravel	adeq	6.4	5	1.60	adeq	adeq	open ditch	adeq	91	WR		\$112,000	1	
266	0	0	1612	Waterford Road	Waterford Road	Link 2	2.4	50	2	very good	adequate	gravel	gravel	adeq	4.4	5	1.40	adeq	adeq	open ditch	adeq	94	WR		\$112,000	2	
265	0	0	1212	Shoreline Drive	Shoreline Drive	Waterford	0.1	40	adeq	very good	adequate	surface treated	gravel	adeq	4	5	2.00	1.25	adeq	no ditch	none	94	WR	2 ditch work	\$30,000	5	
267	0	0	8218	Queen Street	Queen Street	West End	0.1	50	adeq	very good	adequate	gravel	gravel	adeq	4	5	2.00	adeq	adeq	open ditch	adeq	84	WR		\$27,000	3	
268	0	0	8016	Jefferson St	Jefferson St	South End	0.6	50	adeq	very good	adequate	gravel	gravel	adeq	5	5	2.00	adeq	adeq	open ditch	adeq	84	WR		\$18,000	8	
268	0	0	4154	Queen Street	County Road 104	North End	0.2	40	adeq	very good	adequate	gravel	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	none	94	WR	2 ditch work	\$40,000	1	
170	0	0	1008	Connection Road 6	Canal Road	End of Canal Road	0.4	40	adeq	very good	adequate	gravel	gravel	adeq	4	6	2.00	adeq	adeq	open ditch	adeq	100	WR		\$108,000	0	
174	0	0	5568	Queen A Road	Marriage Drive	North End	0.5	40	adeq	very good	adequate	gravel	gravel	adeq	5	6	1.00	adeq	adeq	no ditch	none	100	WR	2 ditch work	\$40,000	0	
172	0	0	1007	Gravelle Avenue	Connection Road 5	North End	0.4	100	adeq	very good	adequate	gravel	gravel	adeq	4.0	6	1.40	adeq	adeq	open ditch	adeq	100	WR		\$93,000	0	
173	0	0	3008	Wilcox Road	Lakeview Drive	Huffman Park Road	0.2	125	adeq	very good	adequate	surface treated	gravel	adeq	5.2	6	0.80	adeq	adeq	open ditch	adeq	100	WR		\$41,000	0	
174	0	0	1141	Lake Avenue	Stage Avenue	Lake Avenue	0.2	50	adeq	very good	adequate	surface treated	gravel	adeq	4	6	2.00	adeq	adeq	no ditch	none	100	WR	2 ditch work	\$75,000	0	
175	0	0	10201	Queen Road 17	West Lake Bridge	West Lake Bridge	0.4	100	adeq	very good	adequate	asphalt	surface treated	adeq	3.3	6	0.80	adeq	adeq	no ditch	none	100	WR	2 ditch work	\$11,000	0	
176	0	0	1062	Jefferson St	Connection Road 9	Connection Road 9	1.3	50	adeq	very good	adequate	gravel	gravel	adeq	6.7	5	1.40	adeq	adeq	open ditch	adeq	100	WR		\$280,000	0	
177	0	0	2112	Jefferson St	Connection Road 10	County Road 10	1.4	125	2	very good	adequate	gravel	gravel	adeq	5.9	6	0.20	adeq	adeq	open ditch	adeq	100	WR		\$120,000	0	
178	0	0	4168	County Road 104	County Road 104	North End	0.6	40	adeq	very good	adequate	gravel	gravel	adeq	5	5	2.00	adeq	adeq	open ditch	adeq	100	WR		\$116,000	0	
179	0	0	4154	Queen Street	Burns Road	West End	0.2	40	adeq	very good	adequate	gravel	gravel	adeq	5	6	1.00	adeq	adeq	open ditch	adeq	100	WR		\$45,000	0	
180	0	0	7012	Winchester Street	Union Lane	Longfellow Street	0.1	75	adeq	very good	adequate	surface treated	gravel	adeq	4.8	6	1.20	adeq	adeq	no ditch	none	100	WR	2 ditch work	\$10,000	0	
Total Value: \$45,540,000																											

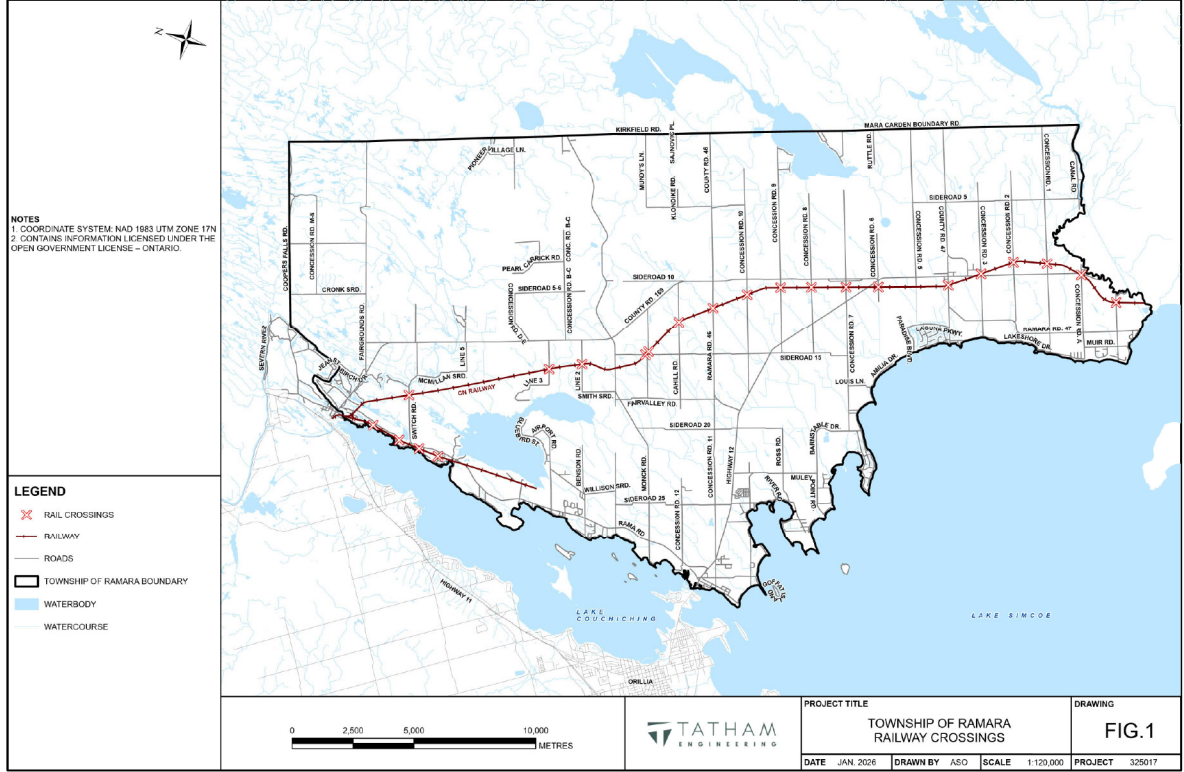
PR - plan for and resurface with 1 or 2 lifts

REC - reconstruction

R - resurface with 1 or 2 lifts

WR - road widening & resurface

Appendix I: At-Grade Railway Crossings



Railway Crossings

GIS ID	Road Name	Speed	Track Status	Surface Type	Road Classification	Signage	Pavement Markings	Lights	Comments
5062	Oakland Beach Road	40	Planned to Discontinue 1-3 Years	gravel	local	east side only	none	no	Missing Rail Crossing advance sign on west side of tracks. East sign located 89 m from the crossing.
4134	Dock Road	40	Planned to Discontinue 1-3 Years	surface treated	local	both directions	none	no	Rail Crossing advance sign located 59 m east and 29 m west of the tracks.
4142A	Glen Ellen Drive	40	Planned to Discontinue 1-3 Years	surface treated	local	both directions	none	no	No advance rail crossing sign on East side; insufficient space from Ramara Road. East Side crossbuck requires repair.
4150	Ellis Drive	40	Planned to Discontinue 1-3 Years	gravel	local	east side only	none	no	Advance sign on east side of tracks located 71 m from crossing; missing advance sign on west side. Both crossbucks require repair.
4084	Switch Road	50	Active	asphalt	local	both directions	none	yes	Rail Crossing advance sign located 100 m west and 100 m east of the tracks. West Rail Crossing sign is damaged and need to repaired.
4076	Line 3	80	Active	gravel	local	both directions	none	yes	All signs require vegetation trimming for visibility.
4074	Line 2	80	Active	gravel	local	both directions	none	yes	All signs require vegetation trimming for visibility.
2080	Sideroad 15	80	Active	gravel	local	both directions	none	yes	Both advance signs are in good condition.
2062	Concession Road 13	80	Active	gravel	local	both directions	none	yes	Rail Crossing advance sign located 180 m west and 75 m east of the tracks. Vegetation around signs should be trimmed.
2054	Cahill Road	80	Active	gravel	local	both directions	none	yes	Both advance signs are in good condition
5008	Ramara Road 46	80	Active	asphalt	collector	both directions	none	yes	Rail Crossing advance signs located 140 m west and 150 m east of tracks; both below minimum 205 m requirement. Pavement markings (advance 'X' and STOP bars) to be added.
2046	Concession Road 10	50	Active	asphalt	local	both directions	none	yes	Both advance signs are in good condition.
2034	Concession Road 9	80	Active	gravel	local	both directions	none	yes	Both advance signs are in good condition.
2024	Concession Road 8	80	Active	gravel	local	both directions	none	no	"Be Prepared to Stop" sign on east approach is damaged; tilted away from traffic and positioned below proper eye level. Sign should be reset to the correct mounting height and orientation in accordance with OTM standards (1.5m).
2012	Concession Road 7	80	Active	gravel	local	both directions	none	yes	Both advance signs are in good condition.
2002	Concession Road 6	50	Active	asphalt	local	both directions	none	yes	Both advance signs are in good condition.
5032	Ramara Road 47	50	Active	asphalt	collector	both directions	none	yes	All signs are in good condition. Pavement markings (advance 'X' and STOP bars) are strongly recommended due to the presence of two tracks and proximity to a school.
1108A	Concession Road 3	80	Active	asphalt	local	both directions	none	yes	Rail Crossing advance sign located 37 m west and 160 m east of the tracks.
1090	Concession Road 2	60	Active	asphalt	local	east side only	none	yes	Rail Crossing advance sign should be added on the west side of the tracks.
1076	Concession Road 1	80	Active	gravel	local	both directions	none	yes	Both advance signs are in good condition.
1050	Concession Road A	60	Active	asphalt	local	west side only	none	yes	Rail Crossing advance sign should be added on the east side of the tracks. Pavement markings (advance 'X' and STOP bars) to be added. Most likely only room for a stop bar on the east side.
1028	Concession Road B	80	Active	gravel	local	both directions	none	yes	Both advance signs are in good condition.



Photograph 1: Concession Road 1



Photograph 2: Concession Road 1



Photograph 3: Concession Road 2



Photograph 5: Concession Road 3



Photograph 6: Concession Road 3



Photograph 7: Concession Road 6



Photograph 8: Concession Road 6



Photograph 9: Concession Road 6



Photograph 10: Concession Road 6



Photograph 11: Concession Road 7



Photograph 12: Concession Road 7



Photograph 13: Concession Road 8



Photograph 14: Concession Road 8



Photograph 15: Concession Road 8



Photograph 16: Concession Road 8



Photograph 17: Concession 9



Photograph 18: Concession 9



Photograph 19: Concession 9



Photograph 20: Concession 9



Photograph 21: Concession 10



Photograph 22: Concession 10:



Photograph 23: Concession 13:



Photograph 24: Concession 13:



Photograph 25: Concession 13



Photograph 26: Concession 13



Photograph 27: Concession A



Photograph 28: Concession A



Photograph 29: Concession B



Photograph 30: Concession B



Photograph 31: Cahill Road (Concession 12)



Photograph 32: Cahill Road (Concession 12)



Photograph 33: Dock Road



Photograph 34: Dock Road



Photograph 35: Dock Road



Photograph 37: Ellis Drive



Photograph 38: Ellis Drive



Photograph 39: Ellis Drive



Photograph 40: Ellis Drive



Photograph 41: Glen Ellen Drive



Photograph 42: Glen Ellen Drive



Photograph 43: Glen Ellen Drive



Photograph 44: Glen Ellen Drive



Photograph 45: Line 2



Photograph 46: Line 2



Photograph 47: Line 2



Photograph 48: Line 2



Photograph 49: Line 3



Photograph 50: Line 3



Photograph 51: Line 3



Photograph 52: Line 3



Photograph 53: Line 3



Photograph 55: Oakland Beach Road



Photograph 56: Oakland Beach Road



Photograph 57: Oakland Beach Road



Photograph 59: Ramara Road 46



Photograph 61: Ramara Road 47



Photograph 62: Ramara Road 47



Photograph 63: Sideroad 15



Photograph 64: Sideroad 15



Photograph 65: Sideroad 15



Photograph 66: Sideroad 15



Photograph 67: Switch Road



Photograph 68: Switch Road



Photograph 69: Switch Road