

Final Report

Roads & Sidewalks Needs Study

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MUNICIPALITY OF NORTHERN BRUCE PENINSULA

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1 Introduction

The Municipality of Northern Bruce Peninsula retained GM BluePlan Engineering (GMBP) to provide engineering services related to the provision of a road condition assessment for all roadways and sidewalks within the Municipality.

This report has been provided to aid the Municipality in setting their road network capital plan. The report provides a snapshot of road conditions in 2021, improvement needs, as well as costing and funding estimates.

The findings of this report should be used as a decision-making tool in developing the Municipality's annual road maintenance and rehabilitation program, and determining estimated funding requirements to maintain a desired level of service. In that regard, the findings of this report should be feed back into and support the Municipality's overall asset management plan, where determinations of level of service, decision making criteria and priorities will be a transparent public process.

Road and Sidewalk Network Included in Study

Currently the Municipality maintains approximately 442 km of roadways. For the purposes of this study approximately 398 km of roads were taken into consideration. Of these roads included in the study, there was approximately 163 km of gravel roads, 197 km of Low Class Bituminous (LCB) roads and 38 km of High Class Bituminous (HCB) asphalt roads.

With respect to sidewalks, approximately 5 km of sidewalks in the Towns of Lion's Head and Tobermory were included in this study.

2 Methodology

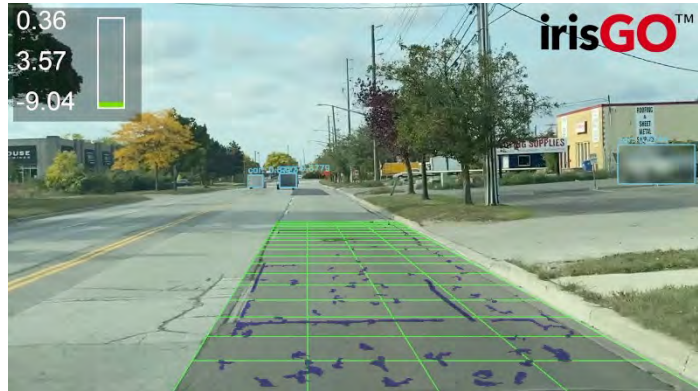
In general, the data was collected and analysed based on the procedures outlined in various MTO guidelines for evaluating the condition of municipal roadways. The guidelines include:

- SP 021 – Manual for Condition Rating of Surface-Treated Pavements (1989)
- SP 024 – Manual for Condition Rating of Flexible Pavements (2016)
- SP 025 – Manual for Condition Rating of Gravel Surface Roads (1989)

Unlike typical road needs assessments, where a trained person conducts a visual inspection of pavement defects which are recorded on a rating form, GMBP utilized innovative irisGO™ technology and Artificial Intelligence (AI) to identify the pavement defects from digital imagery using a specialized camera mounted in a vehicle.



The irisGO™ system is mounted on the vehicle windshield and captures data points within a 110° field of view vision. Sophisticated data processing power on the device, artificial intelligence and other sensor inputs such as GPS and roughness accelerometer data, all work simultaneously within one single pass along the roadway, allowing for very powerful and efficient data collection. Using the AI technology provides a more objective means to evaluate the roadway conditions.



The hard surface (asphalt or surface treated) roadways were analyzed using the irisGO™ system, and AI algorithms to evaluate specific pavement defects on the asphalt surface. Each detected distress was categorized based on their severity and proportion of the overall road area (density), in order to establish what is known as the **Distress Manifestation Index (DMI)**.

In conjunction with the DMI, a **Riding Comfort Rating (RCR)** was established for each section of paved roadways. The irisGO™ camera was equipped with accelerometers which measures the up and down movements of the vehicle as it traverses the roadway at posted speeds. The measurements are correlated to a roughness score on a scale from 0 to 10. A rating of 10 would indicate a smooth, stable road with no discomfort to the rider while a rating of 0 would indicate a very rough riding road with serious safety concerns.

The DMI and RCR parameters were used to establish a **Pavement Condition Index (PCI)**. The PCI ranges between 0 and 100 and is a common single measure of the performance of a pavement. The greater the PCI value, the greater the current pavement performance.

With respect to gravel roadways, all gravel roads were evaluated by a trained technician using the SP-025 rating criteria, as the irisGO™ AI algorithms for gravel assessments had not been developed.

All sidewalks within the Municipality were also examined for accessibility, connectivity, and various condition observations. These evaluations were conducted on foot whereby visible defects, obstructions and other data was recorded on a specifically designed cell phone application. This application provided GPS coordinates of all recorded observations throughout the sidewalk network.

3 Previous Studies and Background Information

Previous Studies

The following previous study was consulted as part of this assignment:

- Municipality of Northern Bruce Peninsula Road Management Study 2014 – 2018, WSP June 2014

Background Information

At the beginning of the project, the Municipality of Northern Bruce Peninsula provided GMBP with various data sources and other information that would be utilized for this study. The information provided included, but not limited to:

- Road network GIS Centerline which provided the mapping for all road segments within the Municipality, as well as a database containing various segment attributes:
 - I. Section ID
 - II. Street Name and From and to limits
 - III. Surface Width and Material
 - IV. Traffic Ranges and spot updates to traffic volumes (AADT)
 - V. Maintenance Classification
 - VI. Year in which past roadway rehabilitation was performed
- Historical tender costs for various road treatment applications and materials
- Historical completed road projects
- Historical Traffic counts
- Roads Budget

4 Road Network Inventory

This study inventoried and rated a total of 398.1 kilometres of roadway within the Municipality of Northern Bruce Peninsula. The following section outlines the Northern Bruce Peninsula road network based on a number of parameters. All physical inventory data was provided by the Municipality from their GIS database. Various attributes were modified by GMBP where appropriate during the road condition inspections.

Surface Type

Surface type can be defined as Asphalt, which means High Class Bituminous Asphalt (Hot Mix), Surface Treatment which is Low Class Bituminous (Tar & Chip), or Gravel. The following table provides a breakdown of the road network by surface type, for roads included in the study.

Table 1: Network Surface Type Distribution

Surface Type	Centreline Kilometres	Percentage of Network
Asphalt - HCB	38.3	9.6%
Surface Treated - LCB	197.1	49.5.0%
Gravel	162.8	40.9%

Roadside Environment

Roadside Environment is divided into three classes, Rural, Semi-Urban, and Urban. Rural Environment means rural roads that generally abut agricultural lands or open spaces such as forests. Semi-Urban roads are those which are adjacent to or inside of built-up areas, but do not include curb & gutter or storm sewers. Urban Environment refers to roadways that are in an urban or built-up area, and generally include curb & gutter and storm sewers.

Table 2: Roadside Environment Distribution

Roadside Environment	Centreline Kilometres	Percentage of Network
Rural	384.3	96.5%
Semi-Urban	10.7	2.7%
Urban	3.1	0.8%

Traffic

Traffic counts and ranges were supplied by the Municipality where available, and the tables include the most up to date traffic volume data. Forecasts of 10 - year traffic volumes were made for all road sections by using an annual growth factor of 1%, which is considered appropriate for a road network of this type.

Table 3: Traffic Volume (AADT) Distribution

Traffic Volume (AADT)	Centreline Kilometres	Percentage of Network
0 -49	130.5	32.8%
50 - 199	150.4	37.8%
200 - 499	98.7	24.8%
500 - 999	18.5	4.6%

Maintenance Class

The Maintenance Class of a roadway is set as per Section 1(4) of O.Reg 239/02, *Minimum Maintenance Standards for Municipal Highways*. Maintenance Class is determined by using a combination of the posted speed of a highway, and the Annual Average Daily Traffic (AADT). The Maintenance Class helps to set the level of service offered by the Municipality, in accordance with the Regulations. The classification chart is illustrated in the following table.

Table 4: Maintenance Class

Average Annual Traffic (AADT)	Posted or Statutory Speed Limit (km/hr)						
	100	90	80	70	60	50	40
4000 - 4999	1	2	3	3	3	4	4
3000 - 3999	1	2	3	3	3	4	4
2000 - 2999	1	2	3	3	4	5	5
1000 - 1999	1	3	3	3	4	5	5
500 - 999	1	3	4	4	4	5	5
200 - 499	1	3	4	4	5	5	6
50 - 199	1	3	4	5	5	6	6
0 - 49	1	3	6	6	6	6	6

When the above classifications are applied to the traffic volumes and speed limits of Northern Bruce Peninsula roads, the distribution of classifications is as follows.

Table 5: Maintenance Class Distribution

Maintenance Class	Centreline Kilometres	Percentage of Network
Class 3	4.1	1.0%
Class 4	70.5	17.7%
Class 5	84.4	21.2%
Class 6	239.1	60.0%

The Municipality should look to update traffic counts on a regular basis. Prioritizing traffic counts on roads where the current estimated the traffic counts is near the next Maintenance Class threshold and gravel roads that may be under consideration for conversion to a hard-top surface. Due the seasonal traffic conditions in Northern Bruce, traffic counts should be conducted in the summer and winter.

Appendix A provides a listing of the Northern Bruce Peninsula road sections included in this study.

5 Typical Road Cross Section

Provided below, in Figure 1, is a cross section of a typical road structure.

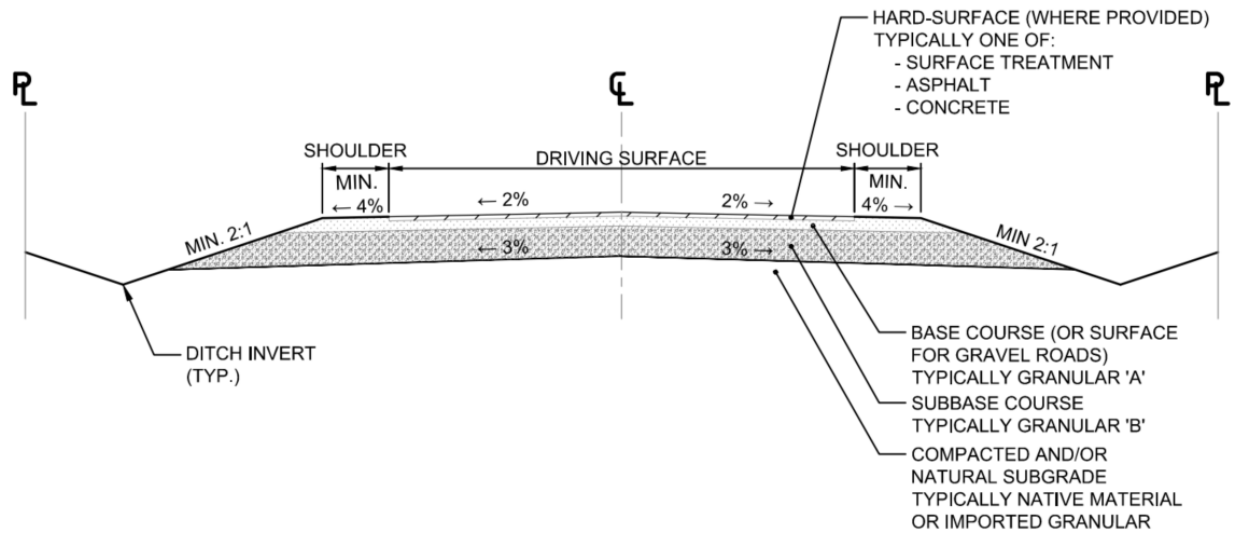


Figure 1: Typical Road Structure Cross Section

The typical road structure is made up of various layer materials including:

Subgrade: Native material or naturally occurring material on which the road is constructed. In the cases of unsuitable native material, or in the cases where the grade of the road must be raised well above the native grade, imported gravel fill can be used to form the subbase. The top layer of subgrade is graded and proof-rolled prior to placing road base material. The strength of subgrade is considered as part of the design of the road structure.

Subbase: Usually a layer of imported gravel (typically Granular ‘B’) that is graded and compacted on top of the subgrade. This layer is intended to be free-draining (i.e., a well graded granular material) and prevents subgrade material and water from migrating upwards into higher levels of the road base. This is the first layer of the road section that is intended to be frost-resistant, meaning that it conducts water away from the road surface into ditches and alleviates frost heave.

Base: A top layer of finely graded granular material (typically Granular ‘A’) that is graded and compacted to form the working platform for hard-surfacing, or in the case of a gravel road, the final road surface. While some drainage does occur through the base course, it also functions to direct water towards the edges of the road surface. This layer is subject to severe loading and serves to spread loading from the wearing surface over a larger area in combination with the subbase course, thus reducing pressure on the subgrade.

Surface: Where present, this is the top layer of the road cross section that is in direct contact with surface loading. It can either be flexible (e.g., asphalt or surface treatment) or rigid (e.g., concrete).

Design of base and subbase courses will differ for flexible and rigid wearing surfaces. This surface provides various functions such as providing additional structural strength, direct the majority of surface water to the shoulders and ditches (or curbs and gutter) of the road, and provide a smooth and consistent riding surface.

When designing roads, the various layers and geometrics of a roadway will change based on anticipated traffic conditions. The Ministry of Transportation Inventory Manual (1991) provides road design standards for Rural, Semi-Urban and Urban roadways based on traffic volumes or Functional Class. These standards are summarized in the following tables.

Table 6: Rural & Semi-Urban Road Standards

Geometrics/Layers	Average Annual Daily Traffic (AADT)						
	50 - 199	200 - 399	400 - 999	1000 - 1999	2000 - 2999	3000 - 3999	4000+
Surface Width (m)	6.0	6.0	6.5	6.5	7.0	7.0	7.5
Shoulder Width (m)	1.5	1.5	1.5	2.5	2.5	3.0	3.0
Hot Mix Asphalt Thickness (mm)		16 ¹	50	50	100	100	100
Granular "A" Base Thickness (mm)	150	150	150	150	150	150	150
Granular "B" Sub-base Thickness ² (mm)	300	300	450	450	450	450	450

1 - Double Surface Treatment assumed to equal 16mm of Hot Mix

2 - Southern Ontario

Table 7: Urban Road Standards

Geometrics/Layers	Urban		
	Local Residential	Collector Residential	Arterials
Lane Width (m)	3.0	3.25	3.75
Shoulder Width (m)	—	—	—
Parking Lane Width (m)	2.5	2.5	3.0
Curb offset (m)	0.5	0.5	0.5
Hot Mix Asphalt Thickness (mm)	100	100	150
Granular "A" Base Thickness (mm)	150	150	150
Granular "B" Sub-base Thickness ¹ (mm)	300	300	450

1 - Southern Ontario

6 Condition Evaluation

As previously noted, all Northern Bruce asphalt (HCB) and surface treated (LCB) road conditions were objectively assessed using digital imagery collected throughout the network. The imagery was post processed and analyzed using irisGO™ AI technology to quantify various pavement distresses in accordance with the respective MTO SP024 and SP021 criteria. In addition, by using the accelerometer data from the specialized camera mounted in the vehicle, a Ride Condition Rating (RCR) was established for each section of road.

For gravel roads the distress severity and extent evaluations were determined by means of a visual assessment using the SP025 criteria and a ride condition rating was assigned based on the rater's perception while driving the road.

Distress Manifestation Index

Regardless of the road surface material, the condition evaluations are based on the type, severity (“how bad is it”) and density (“how much is there”) of the specific distresses associated with each surface type. A **Distress Manifestation Index (DMI)** is computed based on these parameters and represents the overall effect that each observed distress has on the condition of the roadway. The DMI is a 0-10 scale index whereby the higher the DMI number, the better the surface condition of the road.

To compute the DMI, each distress was assigned a weighting factor based on the relative importance of the distress type and its impact on the potential deterioration of the roadway.

The tables below summarize the weighting factors for asphalt, surface treated and gravel distress types.

Table 8: Asphalt (HCB) Road Distresses and Weight Factors

Asphalt Roads - HCB (SP024)		
Raveling (3.0)	Longitudinal Wheel-track – Single or Multiple (1.5)	Transverse Cracking – Half, Full or Multiple (1.0)
Flushing (1.5)	Longitudinal Wheel-track – Alligator (3.0)	Transverse Cracking – Alligator Cracking (3.0)
Rippling and Shoving (1.0)	Centerline Cracking – Single or Multiple (0.5)	Linear Meander or Mid-lane Cracking (1.0)
Wheel Track Rutting (3.0)	Centerline Cracking – Alligator (2.0)	Random/Map Cracking (0.5)
Distortion (3.0)	Pavement Edge – Single or Multiple (0.5)	Transverse Cracking – Half, Full or Multiple (1.0)
	Pavement Edge – Alligator (1.5)	

Table 9: Surface Treated (LCB) and Gravel Road Distresses and Weight Factors

Surface Treated Roads - LCB (SP021)	Gravel Roads (SP025)
Loss of Cover Aggregate (3.0)	Loose Gravel (3.0)
Flushing (1.5)	Dust (1.5)
Potholes (0.5)	Potholes (1.0)
Rippling (1.0)	Breakup (0.5)
Wheel Track Rutting (3.0)	Washboard (1.0)

For Asphalt (HCB) roadways the following severity and extent levels were made for each observed distress:

Table 10: HCB Severity and Extent Limits

Rating	Severity	Extent (Percent of Surface Area)	
1	Very Slight	0 to 10	Occasional
2	Slight	10 to 20	Intermittent
3	Moderate	20 to 50	Frequent
4	Severe	50 to 80	Extensive
5	Very Severe	>80	Throughout

For LCB and Gravel roadways, distress severity and extent levels were as follows:

Table 11: LCB/Gravel Severity and Extent Limits

Rating	Severity	Extent (Percent of Surface Area)	
1	Slight	0 to 20	Intermittent
2	Moderate	20 to 50	Frequent
3	Severe	50 to 100	Extensive

Using the previous severity and extent determinations, and associated weighting factors, the DMI is calculated based on the road surface type using the following formulas:

Asphalt (HCB): $DMI = 10 \times (208 - \text{sum } (W_i \times (S_i + D_i))) / 208$

Surface Treatment (LCB): $DMI = 10 \times (135 - \text{sum } (W_i \times (S_i + D_i))) / 135$

Gravel: $DMI = 10 \times (96 - \text{sum } (W_i \times (S_i + D_i))) / 96$

Where **W_i** is the weighting of each distress, **S_i** is the severity of the distress, and **D_i** is the density of the distress.

Ride Condition Rating

A **Ride Condition Rating (RCR)** was assigned to each road sections based on the following guidelines.

Table 12: Ride Condition Rating Criteria

Ride Comfort Rating (RCR)		Guidelines
8 – 10	Excellent	Very Smooth
6 – 8	Good	Smooth with a few bumps and depressions
4 – 6	Fair	Comfortable with intermittent bumps or depressions
2 – 4	Poor	Uncomfortable with frequent bumps or depressions. Unable to maintain speed at lower end of the scale.
0 – 2	Very Poor	Very uncomfortable with constant jarring bumps or depressions. Unable to maintain posted speed and need to steer constantly to avoid bumps and depressions

For HCB and LCB roads, the accelerometer data collected by the irisGO™ camera was correlated to provide RCR scores reflective of the above criteria. For gravel roads, the inspector assigned the RCR score based on their perception of the rideability of the road.

Pavement Condition Index (PCI)

An overall **Pavement Condition Index (PCI)** was established for each road section by combing the DMI scores and RCR scores. The PCI ranges in scores form 0 – 100, where the lower the PCI score the worse overall condition of the roadway.

The following formulas were used based on the roadway surface type:

Asphalt (HCB): $PCI = 13.75 + (9 \times DMI) - (7.5 \times e^{(8.5-RCR)/3.02})$

Surface Treatment (LCB): $PCI = 12.75 + (9 \times DMI) - (5.5 \times e^{(9.94-RCR)/3.46})$

Gravel: $PCI = 12.75 + (9 \times DMI) - (5.5 \times e^{(9.94-RCR)/3.46})$

Where:

DMI = Distress Manifestation index

RCR = Ride Condition Rating

The results of the PCI analysis are presented in the table below. As can be seen, almost half of the Northern Bruce Peninsula road network is considered in good condition and less than 5% considered in poor to very poor condition.

Table 13: Network PCI Distribution

Roadway Condition	PCI	Centerline KMS	Percentage of Network
Very Good	>80	105.6	26.5%
Good	70-80	184.5	46.3%
Fair	50-70	95.5	24.0%
Poor	30 -50	12.2	3.1%
Very Poor	< 30	0.3	0.1%

Road sections with the poorest condition ratings (i.e. PCI<50) are summarized in the following table:

Table 14: Road Sections with PCI<50

Road ID	Street	From	To	Surface Type	PCI
225	Dock Lane	Dyers Bay Road	END	LCB	18.8
326	Elgin Street	Bay Street South	END	LCB	37.2
279	Shoreline Drive	Dyers Bay Road	Cabot Head Road	LCB	41.9
275	Noble Drive	Miller Lake Shore Road	Miller Lake Road	LCB	42.1
161	Widgeon Cove Road	Pike Bay Road	Wandabend Road	LCB	42.2
245	Harkins Road	Dyers Bay Road	END	LCB	42.7
229	Dyers Bay Road	East Road	Crane Lake Road	LCB	48.5
344	Legion Street	Highway 6	Hay Bay Road	LCB	48.8
230	Dyers Bay Road	Crane Lake Road	Bartley Drive	LCB	49.2
232	Dyers Bay Road	Lynch Drive	Birch Road	LCB	49.5

Time of Need

The PCI scores are used as a guide to determine the **Time of Need**. The Time of Need represents the timeline in which major road rehabilitation or reconstruction will be required. Such immediate needs are identified as “NOW” needs. Roads sections have also been assigned “1-5 Year” and “6 – 10 Year” Time of Need based on their PCI score. What this means is that these roads should be addressed **before** the next 5 or 10 years respectively, as they will likely require major rehabilitation or reconstruction within these timeframes. Roads that are not expected to have a Time of Need within the next 10 years are identified as “Adequate”.

The table below shows the relationship between the PCI score and Time of Need.

Table 15: PCI and Time of Need

PCI	Time of Need
>80	Adequate
70-80	6 – 10 Years
50-70	1 to 5 Years
30 -50	NOW – Resurface
< 30	NOW – Rehab/Reconstruct

Time of Need for gravel roads was determined based on actual conditions observed during the inspections and was assigned either “NOW” for gravel roads with significant structural problems.

At the time of the inspection, there were no Gravel roads that required immediate “NOW” needs for structural related issues.

For gravel roads that were not exhibiting major structural issues but required more immediate maintenance needs, to address such issues as severe wash- boarding and potholes, were identified as Gravel Priority Maintenance roads.

Lastly, for gravel roads that may require only minor maintenance such as grading were identified as Adequate (ADEQ).

Based solely on the condition of the roads, the amount (length) of Needs that have been identified in the 10-year study period are summarized as follows:

Table 16: Network Time of Need Distribution

Time of Need	Total Length of Roadway	Percentage of Network
NOW Rehabilitate	0.32 km	0.1%
NOW Resurface	12.2 km	3.1%
Gravel Priority Maintenance	38.1 km	9.6%
1-5 Year	57.4 km	14.4%
6-10 Year	68.0 km	17.1%
Adequate	222.1 km	55.8%

Road Improvement Type and Benchmark Costs

Based on the type of roadway environment (Urban, Semi-Urban or Rural), Pavement Condition Index (PCI), observed defects, and the amount of traffic, road sections with improvement needs were assigned an improvement type. It is important to note that roadway improvements are generally considered on a “like for like” basis. In other words, roads which currently have a surface treatment that require improvement will be designated for re-application of a surface treatment, unless traffic volumes dictate otherwise.

The improvement strategies that can be applied to a road section, for the purposes of this report, are as follows:

Table 17: Analysis Treatment Options

Improvement Code	Description
R1	Single overlay of HL4 asphalt, 55mm depth. Includes 20% padding and shoulder gravel, or milling in urban sections
R1- EM/O	Edge mill and overlay, including milling 1m out at each curb and 55mm HL4 overlay
R2	Double overlay of HL4 asphalt, 110mm depth. Includes 20% padding and shoulder gravel, or milling in urban sections
SST	Single lift of Surface Treatment
DST	Double lift of Surface Treatment
PR1	Pulverize existing asphalt, pave 55mm of HL4. Includes shoulder gravel
PR2	Pulverize existing asphalt, pave 110mm of HL4. Includes shoulder gravel
PR - DST	Pulverize existing Surface Treatment, Double lift of Surface Treatment. Includes shoulder gravel
REC-A	Full depth excavation of rural roads. All new granulars and culverts. New asphalt surface, single or double lift depending on AADT
REC-ST	Full depth excavation of rural roads. All new granulars and culverts. Surface treatment, single or double lift depending on AADT
REC-G	Full depth excavation of rural roads. All new granulars and culverts. Gravel surface roadway.
RNS	Similar to REC, but for urban. May include curbs and storm drains

In order to determine approximate costs for each road section with a needed improvement, improvement types are associated with a benchmark cost. Benchmark costs for improvement types were developed using unit costing for various types of construction materials. These costs were determined with input from Northern Bruce staff, and typical of road construction costs in the area.

Table 18: Material/Activity Costs

Item	Unit	Cost
Asphalt Removal	m2	\$ 3.00
Excavation	m3	\$ 16.00
HL4 Base Asphalt	tonne	\$ 115.00
HL3 Surface Asphalt	tonne	\$ 115.00
Single Surface Treatment	m2	\$ 3.50
Double Surface treatment	m2	\$ 6.50
Granular 'B'	tonne	\$ 15.00
Granular 'A'	tonne	\$ 17.00
Ditching	Lm	\$ 25.00
Asphalt Pulverizing	m2	\$ 5.00
Asphalt Milling	m2	\$ 5.00
Curb & Gutter (R&R)	Lm	\$ 75.00
Subdrains	Lm	\$ 25.00
Storm Sewer (300mm)	Lm	\$ 150.00
CB Manhole (R&R)	ea.	\$ 6,500.00
Catchbasin (R&R)	ea.	\$ 4,500.00
Sidewalk (R&R)	m2	\$ 185.00

In addition to the material/activity costs shown in Table 18, various cost adjustment factors were applied based on MTO criteria to account for such items as roadside environment (Rural, Semi-urban, Urban), standard cross-section dimensions based on traffic volumes, terrain (ex Flat, Rocky), engineering costs and contingency. Taking all the above unit rates and cost factors into account, benchmark improvement type costs were developed. The following table lists the improvement type, and the benchmark cost per metre for the appropriate traffic volume.

Table 19: Benchmark Costs

AADT	<200	200-400	400-1000	>1000	Urban (All)
Improvement Code	Cost per Metre				
R1	\$142.50	\$142.50	\$151.22	\$155.98	\$184.35
R1-EM/O	n/a	n/a	n/a	n/a	\$167.74
R2	n/a	n/a	\$280.65	\$290.15	\$338.80
SST	\$25.87	\$25.87	n/a	n/a	n/a
DST	\$48.05	\$48.05	\$48.05	n/a	n/a
PR1	\$158.64	\$158.64	\$168.11	\$172.87	n/a
PR2	\$249.13	\$249.13	\$267.50	\$282.78	\$376.28
PR-DST	\$98.83	\$98.83	\$103.46	n/a	n/a

AADT	<200	200-400	400-1000	>1000	Urban (All)
REC-AC	\$704.07	\$706.47	\$916.42	\$1138.90	n/a
REC-ST	\$567.03	\$569.44	\$806.44	n/a	n/a
REC-G	\$535.05	537.45	n/a	n/a	n/a
RNS	n/a	n/a	n/a	n/a	\$1914.26

Replacement Value

The replacement value of all road sections was estimated on the basis of full depth reconstruction of the entire roadway. Replacement values do not include the cost of storm sewers, sanitary sewers or municipal water services, and also do not include the cost of sidewalks as these items are typically accounted for as a separate asset class. The total replacement value of all roads included in this study is estimated to be **\$231,700,000**.

Appendix B provides a summary listing of all roads included in the study and their corresponding PCI scores, Improvement Needs and Replacement Value. The list has been grouped based on Time of Need.

Road Improvement Prioritization

The previous section outlined Road Needs based solely on condition. However, it is generally acknowledged that there are additional factors which are taken into account when setting a capital program.

By means of the Ministry of Transportation's **Priority Rating (PR)** score, not only is the condition of the road taken into the account but also the number of users (i.e., traffic AADT) the roadway serves.

The Priority Rating formula is as follows:

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

Where:

PCI=Pavement Condition Index

AADT= average annual daily traffic

The effect of applying this Rating Priority, roads with higher traffic volumes will be prioritized over lower traffic volume roads of similar condition. Likewise, traffic being equal, roads with a lower condition rating will rank higher for prioritizing rehabilitation needs.

The top 20 highest Priority Rating ranking road sections are provided in the Table 20.

Given the fact that the vast majority of hard surface roads in Northern Bruce have relatively low traffic volumes (AADT <400), adopting a prioritization approach based on the above Priority Rating methodology can be classified as a 'Worst -First' approach to addressing the Municipality's road needs.

The impact of prioritizing roads mainly on their condition (PCI) will result in selecting roads that require major and more costly rehabilitation needs. As a result, a relatively low amount lane-kms of roads can be addressed in any given year with available budget dollars. Thus, the condition of the overall road network will likely deteriorate as other roads that were not selected or only required lighter rehabilitation needs due to their better condition, will ultimately require more costly major rehabilitation needs in the future.

Table 20: Priority Rating Ranking

RoadID	Road_Name	From_Road	To_Road	Surface Material	Length (km)	Traffic	PCI	Treatment	Cost	Priority Rating (PR)
ROAD-EA-WIDGEON-01	Widgeon Cove Road	Pike Bay Road	Wandabend Road	LCB	1.9	200-499	42.2	PR-DST	\$197,260	51.3
ROAD-EA-STOKESBAY-01	Stokes Bay Road	Bruce Road 9	Norburn Road	LCB	0.8	500-999	51.8	PR-DST	\$86,699	51.1
ROAD-LI-DOCK-01	Dock Lane	Dyers Bay Road	END	LCB	0.3	0-49	18.8	REC-ST	\$185,996	46.1
ROAD-LI-DYERS-03	Dyers Bay Road	East Road	Crane Lake Road	LCB	2.0	200-499	48.5	PR-DST	\$207,956	45.8
ROAD-LI-DYERS-04	Dyers Bay Road	Crane Lake Road	Bartley Drive	LCB	2.8	200-499	49.2	PR-DST	\$287,313	45.2
ROAD-LI-DYERS-06	Dyers Bay Road	Lynch Drive	Birch Road	LCB	2.9	200-499	49.5	PR-DST	\$290,171	44.9
ROAD-LI-EAST-01	East Road	Lindsay Road 5	Cape Chin South Road	LCB	2.1	200-499	50.9	PR-DST	\$216,393	43.6
ROAD-LI-CLARKES-02	Clarke's Road	The Bury Road	Stokes Bay Road	LCB	2.0	200-499	52.9	PR-DST	\$206,062	41.9
ROAD-LI-LINDSAY5-02	Lindsay Road 5	Cherry Hill Road	Forty Hills Road	LCB	2.1	200-499	52.9	PR-DST	\$208,372	41.9
ROAD-LI-NOBLE-01	Noble Drive	Miller Lake Shore Road	Miller Lake Road	LCB	0.8	50-199	42.1	PR-DST	\$82,002	41.5
ROAD-EA-STOKESBAY-03	Stokes Bay Road	Hardwick Cove Road	Stokes River Road	LCB	1.9	500-999	63.6	DST	\$103,744	38.6
ROAD-SE-HEAD-01	Head Street	Highway 6	Brock Street	LCB	0.3	200-499	59.2	PR-DST	\$27,666	38.4
ROAD-SE-DORCAS-01	Dorcas Bay Road	Highway 6	Dorcas Bay Road	LCB	2.9	200-499	58.5	PR-DST	\$293,506	36.9
ROAD-SE-LEGION-01	Legion Street	Highway 6	Hay Bay Road	LCB	0.5	50-199	48.8	PR-DST	\$46,681	36.7
ROAD-LI-STOKESBAY-01	Stokes Bay Road	Stokes Bay Road	Clarke's Road	LCB	1.9	200-499	58.9	DST	\$98,895	36.5
ROAD-SE-DORCAS-03	Dorcas Bay Road	Ada Crescent	Borden Drive	LCB	4.8	200-499	59.8	DST	\$257,514	35.7
ROAD-SE-ELGIN-03	Elgin Street	Bay Street South	END	LCB	0.2	0-49	37.2	PR-DST	\$16,394	35.7
ROAD-LI-BIRCH-01	Birch Road	Dyers Bay Road	Shoreline Drive	LCB	0.3	50-199	50.8	PR-DST	\$35,497	35.3
ROAD-LI-SHORELINE-01	Shoreline Drive	Dyers Bay Road	Cabot Head Road	LCB	0.4	0-49	41.9	PR-DST	\$38,804	33.0
ROAD-SE-WARNER-03	Warner Bay Road	Indian Harbour Road	Eagle Road	LCB	3.0	200-499	63.2	DST	\$161,932	32.7

Priority Guide Number (PGN)

In contrast to the Priority Ranking or “Worst-First” approach described above, a more cost-benefit approach to prioritizing the road needs can be accomplished by means of the MTO **Priority Guide Number (PGN)**.

The Priority Guide Number takes into consideration not only the condition (PCI) of the road but also the cost of the required treatment and the number of users that would benefit from the work being done (i.e., traffic volume).

The Priority Guide Number (PGN) formula is as follows:

$$\text{Priority Guide Number (PGN)} = (100 - \text{PCI}) / \text{Cost per vehicle-km}$$

Where:

For Resurfacing:

$$\text{Cost per Vehicle-km} = \frac{\text{Treatment Cost per km}}{\frac{(\text{Current Traffic} + \text{Future Traffic})}{2} \times 365 \text{ days} \times 10 \text{ years}}$$

For Construction:

$$\text{Cost per Vehicle-km} = \frac{\text{Treatment Cost per km}}{\text{Future Traffic} \times 365 \text{ days} \times 20 \text{ years}}$$

In general, the higher the Priority Guide Number the lower the **cost per user** to improve the condition of the road. The table on the following page lists the 20 highest Priority Guide Number road sections across the network.

Table 21: Priority Guide Number Ranking

RoadID	Road_Name	From_Road	To_Road	Surface Material	Length (km)	Traffic	PCI	Treatment	Cost	Priority Guide Number (PGN)
ROAD-EA-EVERATT-01	Everatt Side Road	Highway 6	Concession 4	LCB	2.0	500-999	76.6	SST	\$56,234	24.4
ROAD-EA-EVERATT-03	Everatt Side Road	Everatt Side Road	Isthmus Bay Road	LCB	0.5	500-999	77.6	SST	\$13,929	23.3
ROAD-EA-STOKESBAY-03	Stokes Bay Road	Hardwick Cove Road	Stokes River Road	LCB	1.9	500-999	63.6	DST	\$103,744	19.0
ROAD-EA-EVERATT-02	Everatt Side Road	Concession 4	Everatt Side Road	LCB	0.5	500-999	70.2	DST	\$28,053	15.5
ROAD-EA-WHISKEY-01	Whiskey Harbour Road	Pike Bay Road	Julian Drive	LCB	2.0	200-499	70.2	SST	\$52,227	15.0
ROAD-EA-PIKEBAY-01	Pike Bay Road	Highway 6	The Bury Road	LCB	2.0	200-499	70.5	SST	\$54,083	14.9
ROAD-SE-BIGTUB-02	Big Tub Road	China Cove Road	END	LCB	1.0	200-499	71.6	SST	\$27,826	14.3
ROAD-SE-BAY-04	Bay Street South	Earl Street	Elgin Street	LCB	0.6	200-499	74.2	SST	\$16,661	14.3
ROAD-EA-SANDYB-01	Sandy Beach Road	Myles Bay Shore Road	END	LCB	0.7	200-499	71.9	SST	\$19,293	14.2
ROAD-SE-HARPUR-01	Harpur Drive	Head Street	Earl Street	LCB	0.3	200-499	77.6	SST	\$8,427	14.0
ROAD-EA-MYLESBAY-03	Myles Bay Shore Road	River Lane	Stokes Bay Road	LCB	0.7	200-499	72.2	SST	\$19,162	14.0
ROAD-EA-ISTHMUS-02	Isthmus Bay Road	Everatt Side Road	Forty Hills Road	LCB	2.9	500-999	73.6	DST	\$162,500	13.8
ROAD-SE-HAYBAY-02	Hay Bay Road	Legion Street	Simpson Avenue	LCB	1.5	200-499	72.9	SST	\$39,250	13.7
ROAD-EA-LTPIKEBAY-02	Little Pike Bay Road	The Bury Road	West Road	LCB	2.0	200-499	73.9	SST	\$54,176	13.2
ROAD-EA-WHISKEY-02	Whiskey Harbour Road	Julian Drive	Devils Glen	LCB	2.0	200-499	73.9	SST	\$54,095	13.2
ROAD-EA-STOKESBAY-01	Stokes Bay Road	Bruce Road 9	Norburn Road	LCB	0.8	500-999	51.8	PR-DST	\$86,699	13.0
ROAD-EA-PIKEBAY-02	Pike Bay Road	The Bury Road	West Road	HCB	2.0	200-499	75.2	SST	\$54,389	12.5
ROAD-EA-MYLESBAY-01	Myles Bay Shore Road	Stokes Bay Road	Parker Island Road	LCB	1.4	200-499	75.2	SST	\$36,044	12.5
ROAD-SE-NICHOLAS-01	Nicholas Street	Highway 6	Brock Street	LCB	0.3	200-499	77.6	SST	\$7,128	12.4
ROAD-EA-PIKEBAY-03	Pike Bay Road	West Road	Pike Bay Road	HCB	1.0	200-499	75.9	SST	\$26,614	12.2

As can be seen in the above table, those roads that have higher PGN scores are generally higher traffic volume roads that require relatively lower cost light rehabilitation needs, such as surface treatments. Thus, the impact of prioritizing roads with a high PGN value is that more lane-kms of roads can be addressed versus the previous worst-first approach with the same budget dollars. This typically results in the network average condition improving over a relatively short period of time.

However, the backlog of low traffic volume roads falling into the major rehabilitation or reconstruction needs will likely increase. This could impact the serviceability and potential safety of specific roads, increase complaints by the affected residents, as well as increase the backlog of high-cost rehabilitation work that may become difficult to address with annual funding limits.

As a result, both the Priority Ranking and Priority Guide Number should only be used as tools to assist in the prioritization and development of the annual maintenance and rehabilitation (M&R) programs.

An optimal approach will be different for any given municipality, as there are other factors that need to be considered such as available budgets, truck traffic, road continuity, roads with especially poor condition, safety considerations, other planned or necessary construction activities (e.g., land development, sewer replacement), or site-specific conditions such as geometric deficiencies.

A listing of the Asphalt (HCB) and Surface Treated (LCB) road improvement needs in has been developed and presented in Appendix C. Only HCB and LCB roads that have been identified as improvement needs within the 10-year study period have been costed, and thus have a Priority Guide Number assigned and ranked accordingly. This list will aid the Municipality in setting its LCB and HCB road rehabilitation program.

Funding Estimates for LCB and HCB Road Network

Based on the results of the condition assessments, the combined average Pavement Condition Index (PCI) for the LCB and HCB road network is currently PCI=75. The total estimated costs for all current (2021) HCB and LCB road improvement needs, as shown in Appendix C, is approximately **\$8.5 Million**.

To address all anticipated HCB and LCB road improvement needs in Northern Bruce over the next 10 years would cost a total of approximately **\$17.5 Million**. This is assuming a road's PCI score deteriorates at 2 points per year and a surface treatment application (e.g., Chip Seal or Micro-Surface) is re-applied when a road reaches a PCI of 80. As a result, on average approximately **\$1.75 Million** would be required on an annual basis to maintain all the LCB and HCB roads above a PCI=80 using these parameters.

Using the same PCI deterioration rate, a “Do Nothing” scenario, where no work is done on the roads over the next 10 years, would result in an estimated average PCI=55 for the LCB and HCB roads by 2031.

Thus, on average, approximately \$70,000 ($\$1.75 \text{ Million} / (\text{PCI}=80 - \text{PCI}=55)$) would be required or every 1-point increase in a Target PCI above PCI=55. For example, in order to maintain the LCB and HCB road network at the current PCI=75 over the next 10 years, an estimated annual rehabilitation budget would be approximately **\$1.4 Million** ($(\text{“Target PCI”} = 75 - \text{“Do Nothing” PCI}=55) \times \$70,000$).

It should be stressed that this is a very high-level estimate based on 2021 benchmark costs, assumed PCI deterioration rates, and that appropriate treatments will be applied when required.

Using the above approach, the following table provides annual funding estimates for various Target PCI levels.

Table 22: Annual Funding Estimates for LCB and HCB Road Network

Target PCI (LCB&HCB)	Annual Funding Estimate (\$)
60	\$ 350,000.00
65	\$ 700,000.00
70	\$ 1,050,000.00
75	\$ 1,400,000.00
80	\$ 1,750,000.00

Gravel Road Maintenance Needs

Although gravel roads were considered in the Priority Ranking analysis, they were not taken into account for the purposes of the Priority Guide Number. Most of the gravel roads in Northern Bruce Peninsula service low traffic volumes (i.e., <50 AADT) and are in relatively good condition with an average PCI=72.8, thus most had no immediate needs associated with them. Furthermore, gravel roads are typically maintained on a 2-3 year cycle with spot maintenance needs addressed throughout the year.

That being said, the following table identifies specific gravel road segments noted during the evaluation to have more current priority for maintenance needs due to potholes, wash-boarding or other defects. These more immediate maintenance needs have been prioritized based on Traffic and PCI score.

Table 23: Gravel Road Maintenance Priorities

Road ID	Street	From	To	Surface Type	Length (km)	Traffic	PCI
ROAD-EA-RUSHCOVE-01	Rush Cove Road	Scenic Caves Road	Rush Cove Road	Gravel	2.0	50-199	61.2
ROAD-LI-IRALAKE-01	Ira Lake Road	Clarke's Road	Highway 6	Gravel	1.7	50-199	62.3
ROAD-EA-HOPENESS-01	Hopeness Road	Bruce Road 9	Cathedral Drive	Gravel	1.6	50-199	63.2
ROAD-EA-FORTY-02	Forty Hills Road	Caudle Side Road	Forty Hills Road	Gravel	1.3	50-199	64.5
ROAD-EA-THEBURY-02	The Bury Road	Pike Bay Road	Side Road 10	Gravel	2.0	50-199	64.9
ROAD-EA-SPRY-01	Spry Road	Highway 6	The Bury Road	Gravel	2.1	50-199	67.8
ROAD-SE-CAMERON-02	Cameron Lake Road	Cameron Lake Road	END	Gravel	1.0	50-199	69.6
ROAD-LI-TAMMYS-02	Tammys Cove Road	Cottage Cove Road	END	Gravel	2.0	50-199	69.6
ROAD-LI-CRANE-01	Crane Lake Road	Dyers Bay Road	Lindsay Road 40	Gravel	2.0	0-49	55.7
ROAD-EA-SDRD10-02	Side Road 10	Highway 6	Concession 4	Gravel	2.0	0-49	60.1
ROAD-EA-CATHEDRAL-01	Cathedral Drive	Hopeness Road	END	Gravel	0.6	0-49	60.1
ROAD-LI-BORCHARDT-01	Borchardt Road	Cape Chin North Road	END	Gravel	0.9	0-49	61.2
ROAD-LI-FORTY-02	Forty Hills Road	Forty Hills Road	Lindsay Road 5	Gravel	2.0	0-49	61.6
ROAD-LI-FORTY-01	Forty Hills Road	Forty Hills Road	Forty Hills Road	Gravel	6.3	0-49	62.3
ROAD-EA-THEBURY-06	The Bury Road	Bruce Road 9	Budvet Road	Gravel	1.1	0-49	64.2
ROAD-EA-SOUTHSH-01	South Shore Road	Bruce Road 9	South Shore Road	Gravel	2.9	0-49	64.5
ROAD-EA-THEBURY-04	The Bury Road	Little Pike Bay Road	Spry Road	Gravel	2.0	0-49	66.8
ROAD-LI-LINDSAY40-02	Lindsay Road 40	Bartley Drive	Daly's Road	Gravel	1.4	0-49	68.8
ROAD-LI-SHOULDICE-01	Shouldice Lake Road	Dyers Bay Road	Shouldice Lake Road	Gravel	2.6	0-49	69.6
ROAD-EA-WESTSHORE-01	West Shore Road	Bruce Road 9	END	Gravel	0.5	0-49	69.6

Gravel Road Maintenance Program

A typical gravel road maintenance program includes an annual approach to addressing the maintenance needs of the gravel road network. The key gravel road maintenance activities required throughout the year include:

Grading Loose Top: Grading is required to maintain the crown of the road in order to provide good drainage. Grading is also required to address areas of potholes, ruts, wash boarding and other surface defects that occur throughout the year. Grading typically occurs in the spring and fall.

Dust Control – To reduce the amount of dust kicked up by passing vehicles and farm equipment, calcium chloride or other dust suppressants are typically applied after spring grading operations. Additional dust control may be required throughout the summer depending on seasonal conditions.

Gravel Replacement – Gravel roads will typically receive additional gravel once every 2 -3 years, or as required. Replenishing the gravel surface is needed to replace gravel that has been pushed off the

road as part of winter operations, contaminated with underlying earth due springs thaws or farm equipment, or washed-out during periods of excessive rains. In doing so this ensures a sufficient road structure is present.

As previously noted, at the time of the inspections the gravel road network was in generally good condition with an average PCI=72.8. However, gravel road conditions can fluctuate throughout the year, especially in the spring when the impacts of winter and spring thaws will be most prevalent.

The cost of replacing gravel on the gravel road network is an expensive maintenance need and thus a multi-year, cyclical approach will be required just from an overall budget perspective. A typical cycle would involve prioritizing and addressing 1/3 of the gravel road network on an annual basis and allowing for additional maintenance needs throughout the year. However, the cyclical approach cannot be rigid.

The development of a cyclical approach requires ongoing monitoring of gravel road conditions as well as the tracking of maintenance activities and costs to specific road sections or specific locations over time. Gravel roads should be prioritized for gravel replacement based on spring condition inspections, as well as other considerations such as traffic volumes, and drainage condition. All of which will assist in developing an annual cyclical pattern, estimating and budgeting for the amount of annual gravel replacement that is required, as well as other gravel road maintenance priorities for a given year.

Budget Estimate for Gravel Road Maintenance

Assuming a 3-year cycle of applying 75mm of Granular “A”, over an average standard width of 7m, would equate to approximately 65,000 tonnes of gravel that would be required each year. Factoring in 10% for additional maintenance activities throughout the year, an estimated annual budget of **\$1.1 Million** would be required for gravel road maintenance in Northern Bruce.

Gravel Road Conversion to Hard Top

Based on life-cycle analysis, studies have shown that converting gravel roads to hard top surfaces is typically a longer-term, cost-effective approach to management of the road network. However, there are many considerations and variables involved when determining if a gravel road should be converted to a hard top surface (LCB or HCB). Below are several decision criteria the Municipality should evaluate when considering hard-surfacing an existing gravel road:

- Traffic volumes (typically roads with minimum 200 AADT)
- Type of traffic (% of trucks, farm equipment)
- High maintenance costs of the existing gravel road.
- Condition of existing drainage, ditches and shoulders
- Existing platform/shoulder widths meets design standards
- An inspection of the gravel base has been completed by a qualified engineer to determine that the road base can support a hard-top surface
- Sightlines at intersections and driveways
- Horizontal/vertical alignment of the existing road and associated speed limits

- Review of existing infrastructure on the road section and its ability to accommodate a hard-surfaced road (e.g., bridges and culverts)
- Risk management (e.g., is the road section prone to accidents or heavy pedestrian/cyclist traffic?)
- Providing continuity to the existing hard-surfaced network
- Future development that would affect the current and future use of the road
- Number of residential properties along road section
- Public complaints
- Distance from Public Works Yard
- Funding is approved for any required construction needs. Funding should not take away from the existing hard surface road program.

Based on the traffic estimates supplied by the Municipality, there are no gravel roads that currently meet a 200 AADT threshold guideline for gravel road conversion. There are approximately 35 gravel road sections with traffic volumes in the 50-199 range. These roads include, but are not limited to;

- Hopeness Road: Bruce Rd 9 – Tower Road
- Jackson Cove Road: Hopeness Road - Georgian Drive
- Scenic Caves Road: Bruce Road 9 - Tower Road
- Shaw Road: Spry Road – Little Pike Bay Road
- Spry Road: Highway 6 - West Road
- Sutter Road: West Road - Pike Bay Road
- The Bury Road: Pike Bay Road - Little Pike bay Road
- Cape Chin North Road: East Road – Cape Chin North Road
- Cape Chin South Road: East Road – Carter Road
- Little Cove Road: Highway 6 - End

These and the other gravel road sections with AADT in the 50-199 range are candidates for additional traffic counts. Upon which further decision criteria can be reviewed to determine if specific roads warrant a hard top surface.

7 Sidewalk Accessibility and Condition Assessment

In conjunction with the Road Condition Assessment, GMBP staff performed a sidewalk accessibility review and condition assessment on approximately 5 km of sidewalks in the Towns of Lion’s Head and Tobermory.

All sidewalks were evaluated by means of a walking survey. The surveys confirmed existing attribute information provided by Municipal staff, such as widths and material type. As well, the inspections identified various sidewalk defects including cracked or broken slabs and trip hazards.

From an accessibility perspective each sidewalk segment was evaluated in the field for potential issues including obstructions, insufficient widths (<1.2m) and the presence of ramps at intersections. It should be noted that the assessment was not done to address AODA compliance. Only a general assessment was done to provide Municipal staff specific locations to further review.

The following tables outline the various observation that were identified in the sidewalk surveys:

Table 21: Sidewalk Observation Types

Observations
Cracked/Broken slabs (Concrete/Pavers)
Cracking (Asphalt)
Depressions
Potholes
Spalling
Trip Hazards
Obstructions
Curb Ramp (Exits or Not)
Curb Ramp Condition
Other

In addition to the field surveys, a GIS desktop review was conducted in the office to further consider accessibility and connectivity of the sidewalk network in these Towns. This review looked at the adjoining land uses (such as schools, parks, hospitals) to determine if such facilities were connected to the pedestrian network. As well, if any roadways were of an urban design with curbs, that a sidewalk segment may be warranted on at least one side of the roadway, and again connected to the adjoining sidewalk network.

The analysis of both the field surveys and accessibility/connectivity reviews identified only a few issues in terms of sidewalk safety, accessibility or connectivity.

Several trip hazards were noted within the sidewalk network along the following sidewalk locations:

- Tobermory: the south side of Bay Street South, between Brock St. and Highway 6. There are heaved pavers at a broken curb section and areas where the curb is higher than the brick paver sidewalk.
- Tobermory: the south side of Carlton Street, between Eliza St. and Highway 6. There is a hole near the curb.
- Lion's Head: The east side of Main Street, between Webster St. and Mill St. Missing brick paver.
- Lion's Head: the east and west side of Main Street, between Moore Street and Webster Street has the curb higher than the brick paver sidewalks.

Obstructions that limited the effective width of the sidewalk were identified along these sidewalk segments:

- Tobermory: the south side of Bay Street South, between Brock St. and Highway 6. There is a post obstructing the sidewalk.
- Tobermory: the north side of Carlton Street, between Eliza St. and Highway 6. There is overgrowth of shrubs obstructing the sidewalk.

There were 3 locations identified with the possible need for a curb ramp. These include:

- Tobermory: the west corner of Eliza Street and Carlton Street.
- Tobermory: the north side of the intersection of Carlton St and Highway 6.
- Tobermory: the south side of the intersection of Carlton St and Highway 6.

From a connectivity perspective, the following road sections in Lion's Head were identified as locations where new sidewalks may be warranted to better service the adjoining land use from a pedestrian perspective.

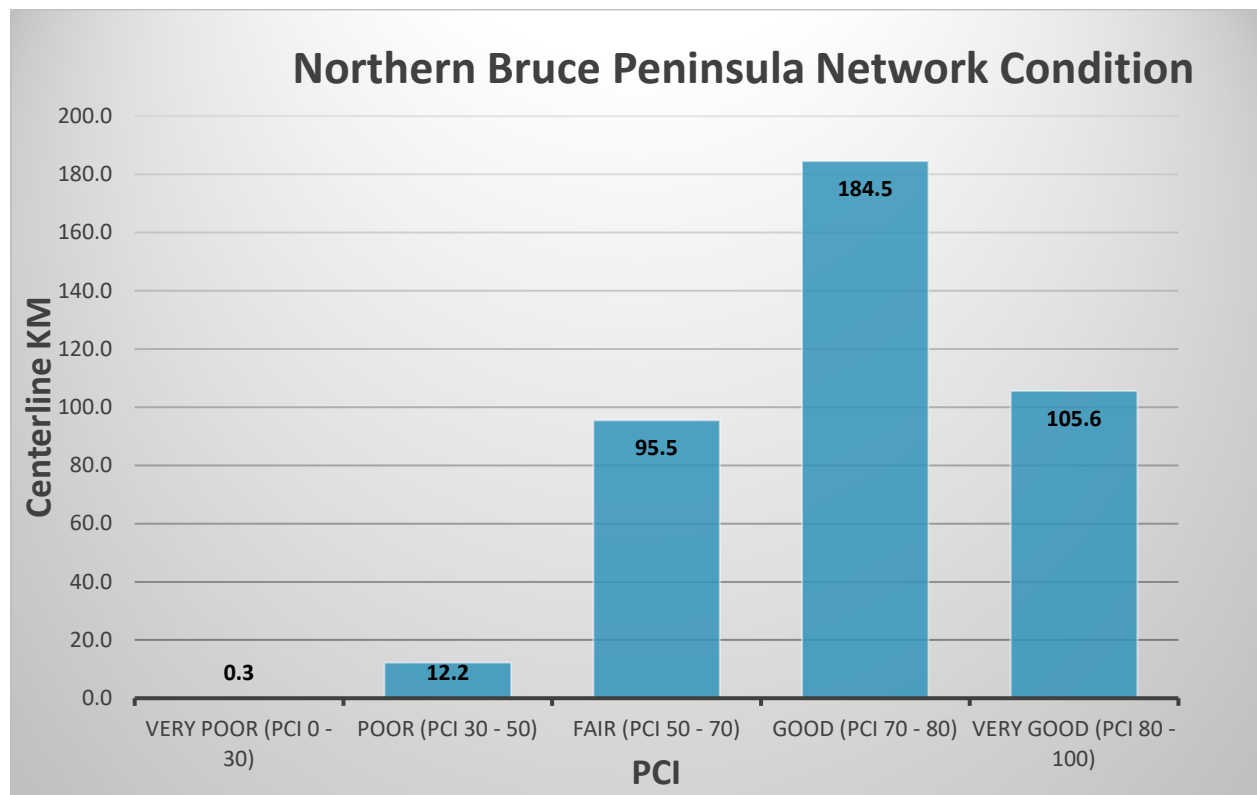
- Extend the existing sidewalk on the south side of Moore Street to Joseph Street, as there is a school and hospital on the street.
- A sidewalk added along the south side of Phillip Forbes Street across from Webster Street/Helen Street intersection and north side of Phillip Forbes Street across from Scott Street/Helen Street intersection. This would provide sidewalk connectivity to Lion's Head Beach Park from the Town core.
- A sidewalk added along the east side of Helen Street between Mill Street and Phillip Forbes Street. This would provide sidewalk connectivity along Helen Street servicing pedestrians to the school, Lion's Head beach park and the Town core.

In Tobermory, there were no specific locations that stood out in terms of deficiencies with respect to connectivity of the sidewalk network. However, the Town core does exhibit congested vehicular and pedestrian traffic in the summer. Coupled with limited parking in the Town, pedestrian safety and movement are likely negatively affected. As a result, it is recommended that the Municipality consider a specific study involving traffic, parking, and the pedestrian infrastructure and accessibility in Tobermory.

The full results of the sidewalk condition assessments and accessibility/connectivity review are provided in Appendix D.

8 Summary

The Municipality of Northern Bruce maintains approximately 442 km of roadways. For the purposes of this study approximately 398 km of roads were taken into consideration. On a length adjusted basis, the 2021 average Pavement Condition Index (PCI) for the Northern Bruce Peninsula road network is PCI= 74.2, which equates to an overall Good condition.



Total 2021 improvement needs for the Asphalt (HCB) and Surface Treated (LCB) road network is estimated at \$8.5 Million. As roads deteriorate over time the total estimated needs would grow to approximately \$17.5 Million over a 10-year period.

Thus, an average annual funding limit of approximately \$1.75 Million would be required to address the LCB and HCB road needs over the next 10 years. Approximately \$1.4 Million annually would be required to maintain the LCB and HCB road network at its current level of service (PCI=75).

For gravel road maintenance, an estimated \$1.1 Million would be required on an annual basis.

Approximately 5 km of sidewalks in the Towns of Lion's Head and Tobermory were assessed to identify various defects, accessibility and continuity. The sidewalks in both Towns were generally in

Fair condition exhibiting defects such as cracked or broken slabs, spalling and occasional trip hazards. Specifically, in Lion's Head the sidewalk along Main Street has potential trip hazards occurring along the joint between the sidewalk pavers and concrete curb.

From an overall sidewalk connectivity perspective, several locations were recommended for additional sidewalks in Lion's Head. These locations would better service the school and hospital on Moore Street and fill in the sidewalk gap along Helen Street between Mill Street and Webster Street.

In Tobermory, there were no readily identifiable connectivity issues. However, with summer tourists and traffic congestion, an additional study should be undertaken to assess overall traffic, parking and impacts on pedestrian needs.

Recommendations

Other than the condition inspection results, many of the other key parameters used in the study analyses were provided by the Municipality. As a result, it is important for the Municipality to develop, update and maintain its road inventory database on a regular schedule. This database contains all road sections and key attributes such as widths, traffic, Maintenance Class, and work history.

Noted on several occasions throughout the report was the importance of traffic data. The Municipality should conduct traffic counts on a regular basis especially for roads where current estimates of AADT are greater than 200 AADT. As traffic volume will dictate if a roadway currently meets geometric and structural design standards, as well as aid in the determination of improvement needs and costs.

Due the seasonal traffic conditions in Northern Bruce, traffic counts should be conducted in the summer and winter to derive average AADT traffic volumes as a minimum. As well, summer traffic counts will aid in the decision-making criteria and standards to use for road rehabilitation or possibly setting Minimum Maintenance Standards for spring to fall road maintenance activities. Likewise, winter traffic counts could be applied for Minimum Maintenance Standards for winter road maintenance. Whatever approach the Municipality adopts should be documented.

The findings of this report should be used as a decision-making tool in developing the Municipality's annual road maintenance and rehabilitation programs and determining the estimated funding requirements to maintain a desired level of service. In that regard, the findings of this report should be feed back into and support the Municipality's overall asset management plan, where determinations of level of service, decision making criteria and priorities will be a transparent public process.

Appendix A

Street Listing (Roads Included in Study)

Appendix A
Northern Bruce Peninsula
Street Listing (Included in Study)

Road Asset ID	Road Name	From Road	To Road	Surace Width (m)	Surface Material	Length (km)	Road Environment	Maintenance	Traffic Range	Speed Limit	Maintenance Class	Dead End	One Way	Last Microsurface	Last Resurface	Last SST	Last DST	Last Rehab
ROAD-EA-ABERDEEN-01	Aberdeen Avenue	Widgeon Cove Road	END	4.8	LCB	0.45	Rural	Year Round	0-49	40	6	Yes	No	0	0	2019	2017	0
ROAD-EA-ALLAN-02	Allan Lane	Fraser Road	Julian Drive	5	Gravel	0.24	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-ANCHORS-01	Anchors Lane	Baywatch Drive	Pike Bay Road	6.7	HCB	0.13	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-BARROW-01	Barrow Bay Road	Highway 6	Concession 4	6.4	HCB	2.05	Rural	Year Round	200-499	80	4	No	No	2017	0	0	0	0
ROAD-EA-BARROW-02	Barrow Bay Road	Concession 4	Barrow Bay Road	6	HCB	1.02	Rural	Year Round	200-499	80	4	No	No	2018	0	0	0	0
ROAD-EA-BARROW-03	Barrow Bay Road	Barrow Bay Road	Bruce Road 9	6	HCB	1.02	Rural	Year Round	200-499	60	5	No	No	2018	0	0	0	0
ROAD-EA-BAYWATCH-01	Baywatch Drive	END	Makela Road	6	Gravel	0.14	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-BAYWATCH-02	Baywatch Drive	Makela Road	Anchors Lane	6	Gravel	0.28	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-BAYWATCH-03	Baywatch Drive	Anchors Lane	END	6	Gravel	0.28	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-BELL-01	Bell Drive	Pike Bay Road	SBP Boundary	5	Gravel	0.42	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-BELLMORE-01	Bellmore Lane	Whiskey Harbour Road	END	7	Gravel	0.23	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-BOYDS-01	Boyds Harbour Loop	Walter Charman Drive	END	6.7	LCB	1.12	Rural	Year Round	0-49	50	6	Yes	No	2020	0	0	0	0
ROAD-EA-BRAUN-01	Braun Crescent	Spry Road	END	6.7	LCB	0.09	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-BUDVET-01	Budvet Road	Highway 6	The Bury Road	3.8	Gravel	2.05	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-BURGESS-01	Burgess Road	Hardwick Cove Road	Felsbourg Road	6	Gravel	0.32	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-EA-BURMA-01	Burma Road	Stokes Bay Road	Doerr Street	6.6	HCB	1.52	Rural	Year Round	50-199	80	4	No	No	2016	0	0	0	0
ROAD-EA-BURMA-02	Burma Road	Doerr Street	Spry Shore Road	6.6	LCB	0.50	Rural	Year Round	50-199	50	6	No	No	2016	0	0	0	0
ROAD-EA-CAMERON-01	Cameron Road	Bruce Road 9	END	3.9	Gravel	2.50	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-CATHEDRAL-01	Cathedral Drive	Hopeness Road	END	4	Gravel	0.91	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-CAUDLE-01	Caudle Side Road	Forty Hills Road	Highway 6	6.7	LCB	2.07	Rural	Year Round	500-999	80	4	No	No	0	0	0	0	0
ROAD-EA-CEMETERY-01	Cemetery Road	Highway 6	Concession 4	6.8	HCB	2.04	Rural	Year Round	50-199	80	4	No	No	0	0	0	0	0
ROAD-EA-CEMETERY-02	Cemetery Road	Concession 4	Bruce Road 9	6	HCB	1.02	Rural	Year Round	50-199	80	4	No	No	0	0	0	0	0
ROAD-EA-CEMETERY-03	Cemetery Road	Bruce Road 9	Evergreen Road	5	Gravel	0.63	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-CEMETERY-04	Cemetery Road	Evergreen Road	END	5	Gravel	0.38	Rural	Summer	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-CHANNEL-01	Channel Road	North Shore Road	END	4	Gravel	0.32	Rural	Year Round	0-49	25	6	Yes	No	0	0	0	0	0
ROAD-EA-CHETWYND-01	Chetwynd Lane	Isthmus Bay Road	Chetwynd Lane	3.2	Gravel	0.52	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-EA-CONC4-01	Concession 4	END	Side Road 10	4.6	Gravel	1.72	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-CONC4-02	Concession 4	Side Road 10	Barrow Bay Road	5.4	Gravel	2.03	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-CONC4-03	Concession 4	Barrow Bay Road	Cemetery Road	5.5	Gravel	2.05	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-CONC4-04	Concession 4	Cemetery Road	Bruce Road 9	6.8	Gravel	2.03	Rural	Year Round	50-199	60	5	No	No	0	0	0	0	0
ROAD-EA-CONC4-05	Concession 4	Bruce Road 9	Everatt Side Road	5.7	Gravel	2.03	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-CONC4-06	Concession 4	Everatt Side Road	END	4	Gravel	0.25	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-EA-CONSTANC-01	Constance Drive	Isthmus Bay Road	END	7.2	LCB	0.18	Rural	Year Round	0-49	40	6	Yes	No	2020	0	0	0	0
ROAD-EA-COVE-01	Cove Street	Devils Glen	END	6	Gravel	0.08	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-DEVILS-01	Devils Glen	Little Point Road	Purgatory Road	6.2	LCB	0.29	Rural	Year Round	0-49	40	6	No	No	2017	0	0	0	0

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Street Listing (Included in Study)

Road Asset ID	Road Name	From Road	To Road	Surace Width (m)	Surface Material	Length (km)	Road Environment	Maintenance	Traffic Range	Speed Limit	Maintenance Class	Dead End	One Way	Last Microsurface	Last Resurface	Last SST	Last DST	Last Rehab
ROAD-EA-DEVILS-02	Devils Glen	Purgatory Road	Cove Street	6.2	HCB	0.11	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-DEVILS-03	Devils Glen	Cove Street	END	6.2	HCB	1.16	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-DUNN-01	Dunn Street	Pike Street	Hawes Road	5.7	LCB	0.32	Rural	Summer	0-49	50	6	No	No	0	0	2021	0	0
ROAD-EA-EVERATT-01	Everatt Side Road	Highway 6	Concession 4	6.8	LCB	2.03	Rural	Year Round	500-999	80	4	No	No	0	0	0	0	0
ROAD-EA-EVERATT-02	Everatt Side Road	Concession 4	Everatt Side Road	6.8	LCB	0.51	Rural	Year Round	500-999	80	4	No	No	0	0	0	0	0
ROAD-EA-EVERATT-03	Everatt Side Road	Everatt Side Road	Isthmus Bay Road	6.9	LCB	0.50	Rural	Year Round	500-999	50	5	No	No	0	0	0	0	0
ROAD-EA-EVERGREEN-01	Evergreen Road	Cemetery Road	Bruce Road 9	5	Gravel	0.44	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-FORBES-01	Forbes Road	Whiskey Harbour Road	END	6.3	LCB	1.07	Rural	Year Round	0-49	40	6	Yes	No	0	0	2017	0	0
ROAD-EA-FORTY-01	Forty Hills Road	Isthmus Bay Road	Caudle Side Road	7.5	LCB	1.67	Rural	Year Round	500-999	50	5	No	No	0	0	0	0	0
ROAD-EA-FORTY-02	Forty Hills Road	Caudle Side Road	Forty Hills Road	3.8	Gravel	0.65	Rural	Year Round	50-199	25	6	No	No	0	0	0	0	0
ROAD-EA-FOWLIE-01	Fowlie Road	Pike Street	Spry Road	6.4	LCB	1.64	Rural	Year Round	0-49	50	6	No	No	0	0	2021	0	0
ROAD-EA-FOX-01	Fox Drive	Isthmus Bay Road	END	5	LCB	0.20	Rural	Year Round	0-49	40	6	Yes	No	2020	0	0	0	0
ROAD-EA-FRASER-01	Fraser Road	Allan Lane	END	5	Gravel	0.24	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-GARD-01	Gard Street	Hardwick Cove Road	Hardwick Cove Road	5.7	Gravel	0.37	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-GEORGE-01	George Myles Road	West Road	END	7.1	Gravel	0.33	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-GEORGIAN-01	Georgian Drive	Hunter Court	Jacksons Cove Road	5.4	LCB	0.96	Rural	Summer	50-199	30	6	No	No	2020	0	0	0	0
ROAD-EA-GEORGIAN-02	Georgian Drive	Jacksons Cove Road	END	3.5	Gravel	0.62	Rural	Summer	50-199	30	6	Yes	No	0	0	0	0	0
ROAD-EA-GODERICH-01	Goderich Point Loop	Walter Charman Drive	Walter Charman Drive	6.7	LCB	0.75	Rural	Year Round	50-199	50	6	No	No	2020	0	0	0	0
ROAD-EA-HARDWICK-01	Hardwick Cove Road	Stokes Bay Road	Burgess Road	5	Gravel	0.99	Rural	Year Round	0-49	50	6	No	No	0	0	0	0	0
ROAD-EA-HARDWICK-02	Hardwick Cove Road	Burgess Road	END	5	Gravel	1.22	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-HAWES-01	Hawes Road	Little Pike Bay Road	Pike Street	6.1	LCB	0.85	Rural	Year Round	0-49	50	6	No	No	0	0	2021	0	0
ROAD-EA-HAWETHOR-01	Hawthorne Drive	Isthmus Bay Road	END	4	HCB	0.17	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-HENWOOD-01	Henwood Street	Hardwick Cove Road	Stokes Bay Road	6.6	Gravel	0.58	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-HERONPT-01	Heron Point Road	Stokes River Road	END	5	Gravel	0.60	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-HOBSONS-01	Hobson's Harbour Drive	Little Pike Bay Road	END	6.5	LCB	1.92	Rural	Year Round	0-49	50	6	Yes	No	0	0	2021	0	0
ROAD-EA-HOPENESS-01	Hopeness Road	Bruce Road 9	Cathedral Drive	5.5	Gravel	2.03	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-HOPENESS-02	Hopeness Road	Cathedral Drive	Tower Road	5.7	Gravel	2.03	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-HUNTER-01	Hunter Court	Georgian Drive	END	5	HCB	0.29	Rural	Summer	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-HURONPARK-01	Huron Park Road	Little Pike Bay Road	Hobson's Harbour Drive	5.5	LCB	0.51	Rural	Year Round	0-49	50	6	No	No	0	0	2021	0	0
ROAD-EA-HURONST-01	Huron Street	Pike Street	Fowlie Road	6.1	LCB	0.46	Rural	Year Round	0-49	50	6	No	No	0	0	2021	0	0
ROAD-EA-ISLAND-01	Island View Road	Whiskey Harbour Road	END	6	Gravel	0.25	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-ISTHMUS-01	Isthmus Bay Road	Main Street	Everatt Side Road	5.8	LCB	0.41	Rural	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-EA-ISTHMUS-02	Isthmus Bay Road	Everatt Side Road	Forty Hills Road	5.8	LCB	2.94	Rural	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-EA-JACKSONS-01	Jacksons Cove Road	Hopeness Road	Jacksons Cove Road	5.8	Gravel	0.39	Rural	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-EA-JACKSONS-02	Jacksons Cove Road	Jacksons Cove Road	Georgian Drive	5.8	Gravel	0.29	Rural	Summer	50-199	30	6	No	No	0	0	0	0	0

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ROAD-EA-JULIAN-01	Julian Drive	Whiskey Harbour Road	END	5	Gravel	0.35	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-LAKEWOOD-01	Lakewood Country Lane	West Road	END	7	LCB	1.64	Rural	Year Round	50-199	40	6	Yes	No	0	0	0	0	0
ROAD-EA-LAWRENCE-01	Lawrence Road	Highway 6	END	3	Gravel	0.66	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-LEMCKE-01	Lemcke Road	Rush Cove Road	END	4.4	Gravel	0.14	Rural	Summer	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-LIBBY-01	Libby Street	Hardwick Cove Road	END	6.6	Gravel	0.12	Rural	Summer	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-LTPIKEBAY-01	Little Pike Bay Road	Highway 6	The Bury Road	7.3	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	0	0	2017	0	0
ROAD-EA-LTPIKEBAY-02	Little Pike Bay Road	The Bury Road	West Road	6.7	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	0	0	2014	0	0
ROAD-EA-LTPIKEBAY-03	Little Pike Bay Road	West Road	Shaw Road	7.2	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	0	0	2021	0	0
ROAD-EA-LTPIKEBAY-04	Little Pike Bay Road	Shaw Road	Pike Street	7.3	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	0	0	2021	0	0
ROAD-EA-LTPIKEBAY-05	Little Pike Bay Road	Pike Street	Hawes Road	6.2	LCB	0.35	Rural	Year Round	200-499	60	5	No	No	0	0	2021	0	0
ROAD-EA-LTPOINT-01	Little Point Road	Whiskey Harbour Road	Devils Glen	6	LCB	0.07	Rural	Year Round	0-49	40	6	No	No	2017	0	0	0	0
ROAD-EA-LTPOINT-02	Little Point Road	Devils Glen	END	6	Gravel	0.13	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-MAKELA-01	Makela Road	Baywatch Drive	END	6	Gravel	0.26	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-MANFOR-01	Manfor Street	Whiskey Harbour Road	END	5.4	Gravel	0.10	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-MANLEY-01	Manley Street	Widgeon Cove Road	END	6.4	Gravel	0.15	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-MCKAGUE-01	McKague Road	Bruce Road 9	END	6.8	Gravel	1.45	Rural	Year Round	50-199	50	6	Yes	No	0	0	0	0	0
ROAD-EA-MCLAY-01	McLay Drive	Walter Charman Drive	END	6.7	LCB	0.12	Rural	Year Round	0-49	50	6	Yes	No	2020	0	0	0	0
ROAD-EA-MOLLY-01	Molly Street	Burgess Road	END	6.3	Gravel	0.26	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-MOORE-04	Moore Street	McCurdy Drive	END	6.1	HCB	0.87	Rural	Year Round	50-199	40	6	Yes	No	2018	0	0	0	0
ROAD-EA-MURRAY-01	Murray Avenue	Hardwick Cove Road	Henwood Street	6.6	Gravel	0.26	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-MYLESBAY-01	Myles Bay Shore Road	Stokes Bay Road	Parker Island Road	5.8	LCB	1.35	Rural	Year Round	200-499	50	5	No	No	0	0	2017	0	0
ROAD-EA-MYLESBAY-02	Myles Bay Shore Road	Parker Island Road	River Lane	6.5	LCB	1.23	Rural	Year Round	200-499	30	6	No	No	0	0	2016	2016	0
ROAD-EA-MYLESBAY-03	Myles Bay Shore Road	River Lane	Stokes Bay Road	6.1	LCB	0.72	Rural	Year Round	200-499	50	5	No	No	0	0	2015	2015	0
ROAD-EA-NORBURN-01	Norburn Road	Stokes Bay Road	END	6	HCB	0.62	Rural	Year Round	0-49	50	6	Yes	No	2021	0	0	0	0
ROAD-EA-NORTHSH-01	North Shore Road	McKague Road	Channel Road	4.4	Gravel	0.78	Rural	Year Round	0-49	25	6	No	No	0	0	0	0	0
ROAD-EA-NORTHSH-02	North Shore Road	Channel Road	North Shore Road	3.5	Gravel	0.36	Rural	Year Round	0-49	25	6	No	No	0	0	0	0	0
ROAD-EA-NORTHSH-03	North Shore Road	North Shore Road	North Shore Road	3.5	Gravel	0.56	Rural	Summer	0-49	25	6	No	No	0	0	0	0	0
ROAD-EA-PARADISE-01	Paradise Drive	Widgeon Cove Road	END	7.7	LCB	0.60	Rural	Year Round	0-49	40	6	Yes	No	0	0	2016	0	0
ROAD-EA-PARKER-01	Parker Island Road	Myles Bay Shore Road	Parker Island Road	5	LCB	0.31	Rural	Year Round	0-49	50	6	No	No	0	0	2017	0	0
ROAD-EA-PIKEBAY-01	Pike Bay Road	Highway 6	The Bury Road	6	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	0	0	0	0	0
ROAD-EA-PIKEBAY-02	Pike Bay Road	The Bury Road	West Road	6.4	HCB	2.04	Rural	Year Round	200-499	80	4	No	No	0	0	0	0	0
ROAD-EA-PIKEBAY-03	Pike Bay Road	West Road	Pike Bay Road	6.1	HCB	1.00	Rural	Year Round	200-499	80	4	No	No	0	0	0	0	0
ROAD-EA-PIKEBAY-04	Pike Bay Road	Pike Bay Road	Pike Bay Road	6.1	HCB	1.02	Rural	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-EA-PIKEBAY-05	Pike Bay Road	Whiskey Harbour Road	Stewarts Point	6.3	HCB	0.85	Rural	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-EA-PIKEBAY-06	Pike Bay Road	Stewarts Point	Sutter Road	6.2	HCB	0.80	Rural	Year Round	200-499	50	5	No	No	0	0	0	0	0

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ROAD-EA-PIKEBAY-07	Pike Bay Road	Sutter Road	Albemarle Boundary	5.6	HCB	1.20	Rural	Year Round	200-499	30	6	No	No	0	0	0	0	0
ROAD-EA-PIKEST-01	Pike Street	Little Pike Bay Road	Huron Street	6.4	LCB	1.12	Rural	Year Round	0-49	50	6	No	No	0	0	2021	0	0
ROAD-EA-POPLAR-01	Poplar Crescent	Widgeon Cove Road	END	5.5	Gravel	0.36	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-PURGATORY-01	Purgatory Road	Devils Glen	END	7	Gravel	0.24	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-RICHARD-01	Richard Street	Burgess Road	END	6.3	Gravel	0.39	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-RICHARDSO-01	Richardson Road	Scenic Caves Road	END	3.5	Gravel	0.45	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-RONALD-01	Ronald Street	Julian Drive	Whiskey Harbour Road	5.9	Gravel	0.56	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-RUSHCOVE-01	Rush Cove Road	Scenic Caves Road	Rush Cove Road	4	Gravel	0.98	Rural	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-EA-RUSHCOVE-02	Rush Cove Road	Rush Cove Road	Lemcke Road	4	Gravel	2.65	Rural	Summer	50-199	30	6	No	No	0	0	0	0	0
ROAD-EA-SANDDUNE-01	Sand Dune Road	Pike Bay Road	Floods Drive	4.6	Gravel	0.17	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-EA-SANDDUNE-02	Sand Dune Road	Floods Drive	END	5	Gravel	0.03	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-SANDYB-01	Sandy Beach Road	Myles Bay Shore Road	END	4.3	LCB	0.72	Rural	Year Round	200-499	30	6	Yes	No	0	0	0	0	0
ROAD-EA-SCENIC-01	Scenic Caves Road	Bruce Road 9	Rush Cove Road	5.7	Gravel	2.03	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-SCENIC-02	Scenic Caves Road	Rush Cove Road	Tower Road	5	Gravel	2.03	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-SCENIC-03	Scenic Caves Road	Tower Road	Scenic Caves Road	4.4	Gravel	0.71	Rural	Year Round	0-49	50	6	No	No	0	0	0	0	0
ROAD-EA-SDRD10-01	Side Road 10	The Bury Road	Highway 6	4	Gravel	2.03	Rural	Summer	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-SDRD10-02	Side Road 10	Highway 6	Concession 4	4.8	Gravel	2.04	Rural	Summer	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-SDRD10-03	Side Road 10	Concession 4	END	4	Gravel	1.11	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-SHAW-01	Shaw Road	Spry Road	Shaw Road	5.5	Gravel	0.85	Rural	Year Round	50-199	50	5	No	No	0	0	0	0	0
ROAD-EA-SHAW-02	Shaw Road	Shaw Road	Little Pike Bay Road	5.5	Gravel	1.22	Rural	Year Round	50-199	80	4	No	No	0	0	0	0	0
ROAD-EA-SHAW-03	Shaw Road	Little Pike Bay Road	END	4.2	Gravel	2.16	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-EA-SOUTHSH-01	South Shore Road	Bruce Road 9	South Shore Road	4.1	Gravel	1.05	Rural	Year Round	0-49	25	6	No	No	0	0	0	0	0
ROAD-EA-SOUTHSH-02	South Shore Road	South Shore Road	END	3.8	Gravel	0.44	Rural	Summer	0-49	20	6	Yes	No	0	0	0	0	0
ROAD-EA-SPRY-01	Spry Road	Highway 6	The Bury Road	7.2	Gravel	2.07	Rural	Year Round	50-199	80	4	No	No	0	0	0	0	0
ROAD-EA-SPRY-02	Spry Road	The Bury Road	West Road	7	Gravel	2.03	Rural	Year Round	50-199	80	4	No	No	0	0	0	0	0
ROAD-EA-SPRY-03	Spry Road	West Road	Shaw Road	5	Gravel	2.01	Rural	Year Round	0-49	80	6	No	No	0	0	0	0	0
ROAD-EA-SPRY-04	Spry Road	Shaw Road	Spry Shore Road	4.5	Gravel	1.28	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-SPRY-05	Spry Road	Spry Shore Road	Fowlie Road	4.5	LCB	0.23	Rural	Year Round	0-49	50	6	No	No	0	0	0	0	0
ROAD-EA-SPRY-06	Spry Road	Fowlie Road	END	4.5	LCB	0.08	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-EA-SPRYSHORE-01	Spry Shore Road	Spry Road	Burma Road	6.7	LCB	2.61	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-STEWARTS-01	Stewarts Point	Pike Bay Road	END	5.5	Gravel	0.51	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-EA-STOKESBAY-01	Stokes Bay Road	Bruce Road 9	Norburn Road	6.1	LCB	0.81	Rural	Year Round	500-999	80	3	No	No	0	0	0	0	0
ROAD-EA-STOKESBAY-02	Stokes Bay Road	Norburn Road	Hardwick Cove Road	6.4	LCB	3.27	Rural	Year Round	50-199	80	3	No	No	0	0	0	0	0
ROAD-EA-STOKESBAY-03	Stokes Bay Road	Hardwick Cove Road	Stokes River Road	6.1	LCB	1.87	Rural	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-EA-STOKESBAY-04	Stokes Bay Road	Stokes River Road	Stokes Bay Road	5.7	HCB	1.06	Rural	Year Round	500-999	50	5	No	No	0	0	0	0	0

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Street Listing (Included in Study)

Road Asset ID	Road Name	From Road	To Road	Surace Width (m)	Surface Material	Length (km)	Road Environment	Maintenance	Traffic Range	Speed Limit	Maintenance Class	Dead End	One Way	Last Microsurface	Last Resurface	Last SST	Last DST	Last Rehab
ROAD-EA-STOKESRIV-01	Stokes River Road	Stokes Bay Road	Tamarac Road	6	HCB	0.56	Rural	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-EA-STOKESRIV-02	Stokes River Road	Tamarac Road	END	4	Gravel	0.21	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-SUTTER-01	Sutter Road	West Road	Sutter Road	7	Gravel	0.88	Rural	Year Round	50-199	80	4	No	No	0	0	0	0	0
ROAD-EA-SUTTER-02	Sutter Road	Sutter Road	Pike Bay Road	7	Gravel	1.00	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-TAMARAC-01	Tamarac Road	Stokes River Road	Walter Charman Drive	6	HCB	2.08	Rural	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-EA-TAMARAC-02	Tamarac Road	Walter Charman Drive	END	6.6	LCB	0.94	Rural	Year Round	50-199	40	6	Yes	No	0	0	0	0	0
ROAD-EA-THEBURY-01	The Bury Road	Albemarle Boundary	Pike Bay Road	6	Gravel	2.02	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-THEBURY-02	The Bury Road	Pike Bay Road	Side Road 10	6.4	Gravel	2.02	Rural	Year Round	50-199	60	5	No	No	0	0	0	0	0
ROAD-EA-THEBURY-03	The Bury Road	Side Road 10	Little Pike Bay Road	6	Gravel	2.04	Rural	Year Round	50-199	60	5	No	No	0	0	0	0	0
ROAD-EA-THEBURY-04	The Bury Road	Little Pike Bay Road	Spry Road	6.5	Gravel	2.03	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-THEBURY-05	The Bury Road	Spry Road	Bruce Road 9	5.5	Gravel	2.03	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-THEBURY-06	The Bury Road	Bruce Road 9	Budvet Road	5.5	Gravel	2.04	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-EA-THEBURY-07	The Bury Road	Budvet Road	END	4	Gravel	0.80	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-EA-TOWER-01	Tower Road	Hopeness Road	Scenic Caves Road	4.1	Gravel	1.24	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-EA-WALTER-01	Walter Charman Drive	Tamarac Road	Goderich Point Loop	6.7	LCB	1.66	Rural	Year Round	0-49	50	6	No	No	0	0	0	0	0
ROAD-EA-WANDABEND-01	Wandabend Road	Widgeon Cove Road	Widgeon Cove Road	6	LCB	0.30	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-EA-WESTSHORE-01	West Shore Road	Bruce Road 9	END	3.8	Gravel	0.48	Rural	Year Round	0-49	25	6	Yes	No	0	0	0	0	0
ROAD-EA-WHIPPOOR-01	Whipoorwill Road	Forty Hills Road	END	3.9	HCB	0.98	Rural	Year Round	50-199	30	6	Yes	No	0	0	0	0	0
ROAD-EA-WHISKEY-01	Whiskey Harbour Road	Pike Bay Road	Julian Drive	6.6	LCB	1.96	Rural	Year Round	200-499	50	6	No	No	0	0	0	0	0
ROAD-EA-WHISKEY-02	Whiskey Harbour Road	Julian Drive	Devils Glen	6.6	LCB	2.03	Rural	Year Round	200-499	40	5	No	No	0	0	0	0	0
ROAD-EA-WIDGEON-01	Widgeon Cove Road	Pike Bay Road	Wandabend Road	6	LCB	1.94	Rural	Year Round	200-499	40	6	No	No	0	0	0	0	0
ROAD-EA-WIDGEON-02	Widgeon Cove Road	Wandabend Road	END	5.5	Gravel	1.07	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-EA-WOODSTOCK-01	Woodstock Avenue	Stokes River Road	END	4.5	Gravel	0.33	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-LH-ALEXANDER-01	Alexander Street	END	John Street	6.5	HCB	0.12	Semi-Urban	Year Round	0-49	30	6	Yes	No	0	0	2020	0	0
ROAD-LH-ALEXANDER-02	Alexander Street	John Street	Webster Street	6.7	LCB	0.14	Urban	Year Round	50-199	30	6	No	No	2021	0	2020	0	0
ROAD-LH-BAYFIELD-01	Bayfield Street	Hayes Drive	Edgewood Street	6.7	LCB	0.41	Rural	Year Round	50-199	50	6	No	No	2016	0	0	2015	0
ROAD-LH-BRUIIN-01	Bruin Street	McNeil Street	END	2.7	HCB	0.23	Rural	Year Round	0-49	25	6	Yes	No	2021	0	0	0	0
ROAD-LH-BYRON-01	Byron Street	END	Edgewood Street	5.4	HCB	0.07	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-LH-BYRON-02	Byron Street	Edgewood Street	END	4.3	HCB	0.33	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-LH-EDGEWOOD-01	Edgewood Street	Main Street	Byron Street	6.1	HCB	0.12	Semi-Urban	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-LH-EDGEWOOD-02	Edgewood Street	Byron Street	Point View Drive	6.1	HCB	0.18	Semi-Urban	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-LH-EDGEWOOD-03	Edgewood Street	Point View Drive	Bayfield Street	6.7	LCB	0.13	Rural	Year Round	50-199	50	6	No	No	2014	0	0	0	0
ROAD-LH-HAYES-01	Hayes Drive	Main Street	Tackabury Street	6.5	HCB	0.10	Semi-Urban	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-LH-HAYES-02	Hayes Drive	Tackabury Street	Bayfield Street	6.5	HCB	0.53	Semi-Urban	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-LH-HELEN-01	Helen Street	Moore Street	Mill Street	6.5	HCB	0.16	Semi-Urban	Year Round	500-999	50	5	No	No	2021	0	0	0	0

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ROAD-LH-HELEN-02	Helen Street	Mill Street	Webster Street	6.7	LCB	0.12	Semi-Urban	Year Round	500-999	50	5	No	No	2021	0	0	0	0
ROAD-LH-HELEN-03	Helen Street	Webster Street	Scott Street	6.3	LCB	0.12	Semi-Urban	Year Round	500-999	50	5	No	No	2021	0	0	0	0
ROAD-LH-HELEN-04	Helen Street	Scott Street	McNeil Street	6.4	LCB	0.10	Semi-Urban	Year Round	500-999	50	5	No	No	2021	0	0	0	0
ROAD-LH-HELEN-05	Helen Street	McNeil Street	Sylvia Street	6.4	LCB	0.19	Semi-Urban	Year Round	200-499	50	5	No	No	2021	0	0	0	0
ROAD-LH-IDA-01	Ida Street	Main Street	Helen Street	6.8	LCB	0.15	Rural	Year Round	0-49	50	6	No	No	2021	0	0	0	0
ROAD-LH-JOHN-01	John Street	Main Street	Alexander Street	8.2	LCB	0.11	Semi-Urban	Year Round	50-199	50	6	No	No	2021	0	0	0	0
ROAD-LH-JOSEPH-01	Joseph Street	Mill Street	Moore Street	6.7	LCB	0.16	Semi-Urban	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-LH-MCNEIL-01	McNeil Street	Helen Street	Bruin Street	6.7	LCB	0.35	Semi-Urban	Year Round	200-499	30	6	No	No	0	0	0	0	0
ROAD-LH-MILL-01	Mill Street	Main Street	Helen Street	6.7	LCB	0.15	Semi-Urban	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-LH-MILL-02	Mill Street	Helen Street	Joseph Street	6.5	LCB	0.16	Semi-Urban	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-LH-MOORE-01	Moore Street	Main Street	Helen Street	6.7	LCB	0.15	Semi-Urban	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-LH-MOORE-02	Moore Street	Helen Street	Joseph Street	6.7	LCB	0.16	Semi-Urban	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-LH-MOORE-03	Moore Street	Joseph Street	McCurdy Drive	6.7	LCB	0.78	Semi-Urban	Year Round	500-999	40	5	No	No	0	0	0	0	0
ROAD-LH-PHILLIP-01	Phillip Forbes Street	Webster Street	Scott Street	6.7	LCB	0.11	Semi-Urban	Year Round	200-499	20	6	No	Yes	0	0	0	0	0
ROAD-LH-POINTVIEW-01	Point View Drive	Bayfield Street	Webster Street	6.7	LCB	0.53	Semi-Urban	Year Round	0-49	50	6	No	No	2014	0	0	0	0
ROAD-LH-POINTVIEW-02	Point View Drive	Webster Street	Edgewood Street	6.7	LCB	0.14	Semi-Urban	Year Round	0-49	50	6	No	No	2014	0	0	0	0
ROAD-LH-SCOTT-01	Scott Street	Main Street	Helen Street	12.2	LCB	0.15	Urban	Year Round	500-999	50	5	No	No	0	0	0	0	0
ROAD-LH-SCOTT-02	Scott Street	Helen Street	Phillip Forbes Street	6.7	LCB	0.06	Semi-Urban	Year Round	200-499	50	5	No	Yes	0	0	0	0	0
ROAD-LH-SYLVIA-01	Sylvia Street	Helen Street	END	7.4	LCB	0.21	Semi-Urban	Year Round	0-49	50	6	Yes	No	2021	0	0	0	0
ROAD-LH-TACKABURY-01	Tackabury Street	Ferndale Road	Hayes Drive	6.5	LCB	0.22	Semi-Urban	Year Round	200-499	30	6	No	No	0	0	0	0	0
ROAD-LH-WEBSTER-01	Webster Street	Phillip Forbes Street	Helen Street	6.7	LCB	0.06	Semi-Urban	Year Round	200-499	30	6	No	Yes	0	0	0	0	0
ROAD-LH-WEBSTER-02	Webster Street	Helen Street	Main Street	16	LCB	0.15	Urban	Year Round	500-999	30	5	No	Yes	0	0	0	0	0
ROAD-LH-WEBSTER-03	Webster Street	Main Street	Alexander Street	8	LCB	0.11	Urban	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-LH-WEBSTER-04	Webster Street	Alexander Street	Point View Drive	8	LCB	0.20	Urban	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-LH-WILLIAM-01	William Street	Joseph Street	END	6.5	LCB	0.60	Semi-Urban	Year Round	50-199	30	6	Yes	No	0	0	0	0	0
ROAD-LI-BARNETTS-01	Barnett's Drive	Barney's Boulevard	East Road	4.6	LCB	1.74	Rural	Year Round	50-199	50	6	No	No	0	0	2020	2015	0
ROAD-LI-BARNEYS-01	Barney's Boulevard	Miller Lake Road	END	6.2	LCB	3.58	Rural	Year Round	50-199	50	6	Yes	No	2021	0	2020	2015	0
ROAD-LI-BARTLEY-01	Bartley Drive	Dyers Bay Road	Lindsay Road 40	4.2	Gravel	2.05	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-BARTLEY-02	Bartley Drive	Lindsay Road 40	Bartley Drive	4	Gravel	0.19	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-BIRCH-01	Birch Road	Dyers Bay Road	Shoreline Drive	4.3	LCB	0.35	Rural	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-LI-BORCHARDT-01	Borchardt Road	Cape Chin North Road	END	3.7	Gravel	2.01	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-BRADLEY-01	Bradley Drive	Lindsay Road 20	Larsen Cove	6	LCB	2.52	Rural	Year Round	50-199	50	6	No	No	0	0	2021	2011	0
ROAD-LI-BRADLEY-03	Bradley Drive	Silversides Point Road	END	6.2	Gravel	0.47	Rural	Year Round	50-199	50	6	Yes	No	0	0	0	2011	0

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ROAD-LI-BRINKMAN-01	Brinkman's Road	Lindsay Road 30	Dyers Bay Road	5.2	Gravel	2.03	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-CAPECHINN-01	Cape Chin North Road	East Road	Cape Chin North Road	5	Gravel	5.82	Rural	Year Round	50-199	50	6	No	No	2014	0	0	0	0
ROAD-LI-CAPECHINN-02	Cape Chin North Road	Cape Chin North Road	Cape Chin North Shore Road	5	HCB	0.10	Rural	Year Round	50-199	50	6	No	No	2014	0	0	0	0
ROAD-LI-CAPECHINS-01	Cape Chin South Road	East Road	Carter Road	6	Gravel	5.31	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-LI-CAPECHNSH-01	Cape Chin North Shore Road	END	END	5	Gravel	3.08	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-CARDINAL-01	Cardinal Crescent	Mclvor Drive	Mclvor Drive	5	Gravel	0.21	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-LI-CARTER-01	Carter Road	END	END	5.2	Gravel	1.65	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-CHERRY-01	Cherry Hill Road	Highway 6	Cherry Hill Road	6.8	LCB	0.53	Rural	Year Round	200-499	50	5	No	No	2018	0	0	2011	0
ROAD-LI-CHERRY-02	Cherry Hill Road	Cherry Hill Road	Lindsay Road 5	6.8	LCB	1.52	Rural	Year Round	200-499	80	4	No	No	2018	0	0	2011	0
ROAD-LI-CHERRY-03	Cherry Hill Road	Lindsay Road 5	END	5.4	Gravel	1.79	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-LI-CLARKES-01	Clarke's Road	Highway 6	The Bury Road	6.5	LCB	0.92	Rural	Year Round	200-499	80	4	No	No	0	0	2007	0	0
ROAD-LI-CLARKES-02	Clarke's Road	The Bury Road	Stokes Bay Road	6.5	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	0	0	2007	0	0
ROAD-LI-CONC67-01	Concession 6-7	Old Pine Tree Road	Lindsay Road 30	4.6	Gravel	0.37	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-LI-COTTAGE-01	Cottage Cove Road	Tammys Cove Road	END	4.5	Gravel	0.20	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-LI-CRANE-01	Crane Lake Road	Dyers Bay Road	Lindsay Road 40	4.2	Gravel	2.02	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-CRANE-02	Crane Lake Road	Lindsay Road 40	Crane Lake Road	4.5	Gravel	0.86	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-DOCK-01	Dock Lane	Dyers Bay Road	END	2.8	LCB	0.32	Rural	Year Round	0-49	30	6	Yes	No	2013	0	2021	0	0
ROAD-LI-DONALD-01	Donald Road	Mclvor Drive	Little Pine Drive	5.5	Gravel	0.74	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-LI-DYERS-01	Dyers Bay Road	Highway 6	McNair Road	6	HCB	2.11	Rural	Year Round	200-499	80	4	No	No	0	0	2012	0	0
ROAD-LI-DYERS-02	Dyers Bay Road	McNair Road	East Road	6	HCB	2.02	Rural	Year Round	200-499	80	4	No	No	0	0	2012	0	0
ROAD-LI-DYERS-03	Dyers Bay Road	East Road	Crane Lake Road	6.2	LCB	2.05	Rural	Year Round	200-499	80	4	No	No	0	0	2012	0	0
ROAD-LI-DYERS-04	Dyers Bay Road	Crane Lake Road	Bartley Drive	6.2	LCB	2.83	Rural	Year Round	200-499	80	4	No	No	0	0	2012	0	0
ROAD-LI-DYERS-05	Dyers Bay Road	Britain Lake Road	Lynch Drive	5.8	LCB	0.56	Rural	Year Round	200-499	30	6	No	No	2013	0	2012	0	0
ROAD-LI-DYERS-06	Dyers Bay Road	Lynch Drive	Birch Road	4.4	LCB	2.86	Rural	Year Round	200-499	30	6	No	No	2013	0	0	0	0
ROAD-LI-EAST-01	East Road	Lindsay Road 5	Cape Chin South Road	6	LCB	2.13	Rural	Year Round	200-499	80	4	No	No	2016	0	2019	0	0
ROAD-LI-EAST-02	East Road	Cape Chin South Road	Cape Chin North Road	5.7	LCB	2.04	Rural	Year Round	200-499	60	4	No	No	0	0	2019	0	0
ROAD-LI-EAST-03	East Road	Cape Chin North Road	Otter Lake Road	6	LCB	2.16	Rural	Year Round	50-199	60	5	No	No	0	0	2018	0	0

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ROAD-LI-EAST-04	East Road	Otter Lake Road	Tammys Cove Road	6.5	LCB	1.65	Rural	Year Round	50-199	60	5	No	No	0	0	2020	0	0
ROAD-LI-EAST-05	East Road	Tammys Cove Road	Barnett's Drive	6	LCB	1.88	Rural	Year Round	50-199	60	5	No	No	0	0	2020	0	0
ROAD-LI-EAST-06	East Road	Barnett's Drive	Dyers Bay Road	7	Gravel	2.61	Rural	Year Round	50-199	60	5	No	No	0	0	2020	2015	0
ROAD-LI-FORTY-01	Forty Hills Road	Forty Hills Road	Forty Hills Road	4.6	Gravel	1.55	Rural	Summer	0-49	25	6	No	No	0	0	0	0	0
ROAD-LI-FORTY-02	Forty Hills Road	Forty Hills Road	Lindsay Road 5	4.6	Gravel	1.67	Rural	Year Round	0-49	80	6	No	No	0	0	0	0	0
ROAD-LI-FOX-01	Fox Trail	Little Pine Drive	Little Pine Drive	5.5	Gravel	0.82	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-LI-GAULEYS-01	Gauleys Bay Road	Tamarac Road	Greenough Harbour Lane	6.3	LCB	2.68	Rural	Year Round	50-199	60	5	No	No	0	0	2019	2017	0
ROAD-LI-GAULEYS-02	Gauleys Bay Road	Greenough Harbour Lane	Greenough Point Road	6.3	LCB	2.09	Rural	Year Round	50-199	60	5	No	No	0	0	2019	2017	0
ROAD-LI-GREENOUGH-01	Greenough Point Road	Gauleys Bay Road	END	6.3	LCB	2.24	Rural	Year Round	0-49	50	6	Yes	No	2020	0	0	2017	0
ROAD-LI-HARKINS-01	Harkins Road	Dyers Bay Road	END	6	LCB	0.67	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-HOPE-01	Hope Drive	Shouldice Lake Road	END	5	Gravel	0.61	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-IRALAKE-01	Ira Lake Road	Clarke's Road	Highway 6	5	Gravel	6.34	Rural	Year Round	50-199	70	5	No	No	0	0	0	0	0
ROAD-LI-LARSEN-01	Larsen Cove	Bradley Drive	Larsen Cove Road South	6	LCB	0.14	Rural	Year Round	0-49	40	6	No	No	0	0	2021	0	0
ROAD-LI-LARSENCN-01	Larsen Cove Road North	Larsen Cove	END	5.6	Gravel	0.93	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-LI-LARSENCN-01	Larsen Cove Road South	Silversides Point Road	Larsen Cove	5.6	Gravel	0.44	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-LI-LINDSAY20-01	Lindsay Road 20	Highway 6	Lindsay Road 20	5	LCB	2.04	Rural	Year Round	50-199	80	4	No	No	0	0	2013	0	0
ROAD-LI-LINDSAY20-02	Lindsay Road 20	Lindsay Road 20	Lindsay Road 20	6.9	LCB	1.83	Rural	Year Round	50-199	80	4	No	No	0	0	2013	0	0
ROAD-LI-LINDSAY20-03	Lindsay Road 20	Lindsay Road 20	Bradley Drive	6.9	LCB	0.48	Rural	Year Round	50-199	50	6	No	No	0	0	2020	0	0
ROAD-LI-LINDSAY30-01	Lindsay Road 30	Brinkman's Road	Highway 6	4.8	Gravel	1.92	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-LINDSAY30-02	Lindsay Road 30	Highway 6	Robbins Drive	8	LCB	2.13	Rural	Year Round	50-199	80	4	No	No	0	0	2021	0	0
ROAD-LI-LINDSAY30-03	Lindsay Road 30	Robbins Drive	Old Pine Tree Road	7	LCB	2.78	Rural	Year Round	50-199	80	4	No	No	0	0	2021	0	0
ROAD-LI-LINDSAY30-04	Lindsay Road 30	Old Pine Tree Road	END	7	Gravel	0.22	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-LINDSAY40-01	Lindsay Road 40	Crane Lake Road	Bartley Drive	5.5	Gravel	2.02	Rural	Year Round	0-49	80	6	No	No	0	0	0	0	0
ROAD-LI-LINDSAY40-02	Lindsay Road 40	Bartley Drive	Daly's Road	5.5	Gravel	2.92	Rural	Year Round	0-49	80	6	No	No	0	0	0	0	0
ROAD-LI-LINDSAY40-03	Lindsay Road 40	Daly's Road	END	5.5	Gravel	0.40	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-LI-LINDSAY5-01	Lindsay Road 5	Highway 6	Cherry Hill Road	6.3	LCB	1.10	Rural	Year Round	200-499	80	4	No	No	2015	0	0	0	0
ROAD-LI-LINDSAY5-02	Lindsay Road 5	Cherry Hill Road	Forty Hills Road	6.3	LCB	2.05	Rural	Year Round	200-499	80	4	No	No	2016	0	0	0	0

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ROAD-LI-LINDSAY5-03	Lindsay Road 5	Forty Hills Road	Ackerman Lane	4	Gravel	1.02	Rural	Year Round	0-49	50	6	No	No	0	0	0	0	0
ROAD-LI-LTPINE-01	Little Pine Drive	Fox Trail	White Cedar Road	4.5	LCB	0.21	Rural	Year Round	0-49	30	6	No	No	0	0	0	2015	0
ROAD-LI-LTPINE-02	Little Pine Drive	White Cedar Road	Sadler Creek Road	4.5	LCB	1.65	Rural	Year Round	0-49	30	6	No	No	0	0	0	2015	0
ROAD-LI-LTPINE-03	Little Pine Drive	Sadler Creek Road	END	4.2	Gravel	0.12	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	2015	0
ROAD-LI-LYNCH-01	Lynch Drive	Dyers Bay Road	END	3	Gravel	0.12	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-LI-MAPLE-01	Maple Drive	Highway 6	Miller Lake Shore Road	6.7	HCB	1.42	Rural	Year Round	50-199	40	6	No	No	0	0	0	0	0
ROAD-LI-MAXWELL-01	Maxwell Road	Barney's Boulevard	END	4.5	Gravel	1.04	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-LI-MCIVORDR-01	Mclvor Drive	Bradley Drive	END	6	Gravel	1.13	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-LI-MCNAIR-01	McNair Road	Dyers Bay Road	END	5.1	Gravel	0.70	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-LI-MILLERLR-01	Miller Lake Road	Highway 6	Miller Lake Shore Road	6	LCB	2.03	Rural	Year Round	50-199	60	5	No	No	2018	0	2012	2017	0
ROAD-LI-MILLERLR-02	Miller Lake Road	Barney's Boulevard	Miller Lake Shore Road	6	LCB	0.58	Rural	Year Round	50-199	50	6	No	No	0	0	2012	0	0
ROAD-LI-MILLERLSR-01	Miller Lake Shore Road	Maple Drive	Miller Lake Road	6	LCB	1.98	Rural	Year Round	50-199	40	6	No	No	2012	0	0	0	0
ROAD-LI-NOBLE-01	Noble Drive	Miller Lake Shore Road	Miller Lake Road	7.2	LCB	0.81	Rural	Year Round	50-199	50	6	No	No	2014	0	0	0	0
ROAD-LI-OLDPINE-01	Old Pine Tree Road	Lindsay Road 30	Concession 6-7	4.1	Gravel	0.88	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-LI-ROBBINS-01	Robbins Drive	Lindsay Road 30	END	5	Gravel	1.10	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-LI-SADLER-01	Sadler Creek Road	Little Pine Drive	END	6	Gravel	0.84	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-LI-SHORELINE-01	Shoreline Drive	Dyers Bay Road	Cabot Head Road	5.1	LCB	0.38	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-LI-SHORELINE-02	Shoreline Drive	Shoreline Drive	END	5.1	Gravel	0.21	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-SHOULDICE-01	Shouldice Lake Road	Dyers Bay Road	Shouldice Lake Road	4.5	Gravel	1.39	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-LI-SHOULDICE-02	Shouldice Lake Road	Shouldice Lake Road	Hope Drive	4.5	Gravel	0.63	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-LI-SILVERSI-01	Silversides Point Road	Bradley Drive	END	6	Gravel	0.90	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-LI-STOKESBAY-01	Stokes Bay Road	Stokes Bay Road	Clarke's Road	6	LCB	1.86	Rural	Year Round	200-499	80	4	No	No	0	0	0	0	0
ROAD-LI-TAMMYS-01	Tammys Cove Road	East Road	Cottage Cove Road	6	LCB	1.02	Rural	Year Round	50-199	40	6	No	No	0	0	2021	0	0
ROAD-LI-TAMMYS-02	Tammys Cove Road	Cottage Cove Road	END	6	Gravel	2.60	Rural	Year Round	50-199	40	6	Yes	No	0	0	0	0	0
ROAD-LI-THEBURY-08	The Bury Road	END	Clarke's Road	5	Gravel	1.23	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-LI-THEBURY-09	The Bury Road	Clarke's Road	The Bury Road	5	Gravel	0.84	Rural	Year Round	0-49	60	6	No	No	0	0	0	0	0
ROAD-LI-WHITE-01	White Cedar Road	Donald Road	Youngblood Road	6	LCB	1.50	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0

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ROAD-LI-YOUNGBLO-01	Youngblood Road	Lindsay Road 20	White Cedar Road	6	LCB	0.82	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-ADA-01	Ada Crescent	Dorcas Bay Road	END	5	Gravel	0.21	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-SE-ADELAIDE-01	Adelaide Street	Head Street	END	6.7	Gravel	0.09	Semi-Urban	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-SE-BAISE-01	Baise Avenue	Warner Bay Road	Hatt Street	6.5	LCB	0.79	Rural	Year Round	50-199	40	6	No	No	0	0	2019	2018	0
ROAD-SE-BAISE-02	Baise Avenue	Hatt Street	END	6.5	Gravel	0.80	Rural	Year Round	50-199	40	6	Yes	No	0	0	0	0	0
ROAD-SE-BAY-01	Bay Street South	Highway 6	Bay Street South	7	HCB	0.09	Urban	Year Round	200-499	30	6	No	No	0	0	0	0	0
ROAD-SE-BAY-02	Bay Street South	Bay Street South	Brock Street	7	HCB	0.22	Urban	Year Round	200-499	30	6	No	Yes	0	0	0	0	0
ROAD-SE-BAY-03	Bay Street South	Brock Street	Earl Street	6.4	HCB	0.42	Semi-Urban	Year Round	200-499	30	6	No	No	2013	0	0	0	0
ROAD-SE-BAY-04	Bay Street South	Earl Street	Elgin Street	5.6	LCB	0.60	Semi-Urban	Year Round	200-499	30	6	No	No	2013	0	0	0	0
ROAD-SE-BAYSHOREN-01	Bay Shore Avenue North	Cape Hurd Road	END	6.8	LCB	0.66	Rural	Year Round	0-49	50	6	Yes	No	0	0	2014	0	0
ROAD-SE-BAYSHORES-01	Bay Shore Avenue South	Cape Hurd Road	END	6.8	LCB	1.03	Rural	Year Round	0-49	50	6	Yes	No	0	0	2014	0	0
ROAD-SE-BEACH-01	Beach Road	Cameron Lake Road	END	4.5	Gravel	0.42	Rural	Year Round	0-49	30	6	Yes	No	0	0	0	0	0
ROAD-SE-BELROSE-01	Belrose Road	Warner Bay Road	END	5	Gravel	0.50	Rural	Year Round	0-49	80	6	Yes	No	0	0	0	0	0
ROAD-SE-BIGTUB-01	Big Tub Road	Highway 6	China Cove Road	6.2	LCB	1.27	Rural	Year Round	200-499	30	6	No	No	2015	0	2003	0	0
ROAD-SE-BIGTUB-02	Big Tub Road	China Cove Road	END	6.2	LCB	1.04	Rural	Year Round	200-499	30	6	Yes	No	2015	0	2003	0	0
ROAD-SE-BORDEN-01	Borden Drive	Dorcas Bay Road	END	8	LCB	1.16	Rural	Year Round	50-199	50	6	Yes	No	0	0	2020	0	0
ROAD-SE-BROCK-01	Brock Street	Nicholas Street	Head Street	6	HCB	0.16	Semi-Urban	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-SE-BROCK-02	Brock Street	Head Street	Bay Street South	6.7	HCB	0.07	Semi-Urban	Year Round	500-999	50	5	No	No	2013	0	0	0	0
ROAD-SE-CAMERON-01	Cameron Lake Road	Highway 6	Cameron Lake Road	6	LCB	2.18	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-CAMERON-02	Cameron Lake Road	Cameron Lake Road	END	6.2	Gravel	1.31	Rural	Year Round	50-199	50	6	Yes	No	0	0	0	0	0
ROAD-SE-CAPEHURD-01	Cape Hurd Road	Highway 6	McArthur Road	6	LCB	2.05	Rural	Year Round	200-499	60	5	No	No	2021	0	2020	2012	0
ROAD-SE-CAPEHURD-02	Cape Hurd Road	McArthur Road	Zorra Drive	6.7	LCB	5.39	Rural	Year Round	50-199	80	4	No	No	0	0	2011	0	0
ROAD-SE-CENTENNIA-01	Centennial Drive	Highway 6	Dunks Bay Road	6.8	LCB	0.55	Rural	Year Round	50-199	30	6	No	No	0	0	2017	0	0
ROAD-SE-CHISIN-01	Chi-Sintub'dik Road	Highway 6	END	8	HCB	1.14	Semi-Urban	Year Round	200-499	50	5	Yes	No	0	0	0	0	0
ROAD-SE-COREY-01	Corey Crescent	Simpson Avenue	Diane Crescent	6	LCB	2.38	Rural	Year Round	50-199	40	6	No	No	0	0	2017	0	0
ROAD-SE-DIANE-01	Diane Crescent	Corey Crescent	END	6	LCB	0.26	Rural	Year Round	0-49	40	6	Yes	No	0	0	2017	0	0
ROAD-SE-DORCAS-01	Dorcas Bay Road	Highway 6	Dorcas Bay Road	6.6	LCB	2.89	Rural	Year Round	200-499	50	5	No	No	2015	0	2016	0	0

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ROAD-SE-DORCAS-02	Dorcas Bay Road	Dorcas Bay Road	Ada Crescent	7.6	LCB	1.54	Rural	Year Round	200-499	50	5	No	No	0	0	2018	0	0
ROAD-SE-DORCAS-03	Dorcas Bay Road	Ada Crescent	Borden Drive	6.7	LCB	4.83	Rural	Year Round	200-499	50	5	No	No	0	0	2014	0	0
ROAD-SE-DORCAS-04	Dorcas Bay Road	Borden Drive	Johnsons Harbour Road	6.2	LCB	3.29	Rural	Year Round	200-499	50	5	No	No	0	0	2020	0	0
ROAD-SE-DUNKS-01	Dunks Bay Road	Highway 6	END	7.5	LCB	0.94	Rural	Year Round	50-199	50	6	Yes	No	0	0	2012	0	0
ROAD-SE-EAGLE-01	Eagle Road	END	Warner Bay Road	6.6	LCB	3.67	Rural	Year Round	50-199	40	6	Yes	No	2021	0	0	0	0
ROAD-SE-EAGLE-02	Eagle Road	Warner Bay Road	END	6.5	LCB	1.27	Rural	Year Round	50-199	40	6	Yes	No	2021	0	0	0	0
ROAD-SE-EARL-01	Earl Street	Harpur Drive	Bay Street South	6.2	LCB	0.10	Semi-Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-ELGIN-01	Elgin Street	Grant Watson Drive	Harpur Drive	6	LCB	0.24	Semi-Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-ELGIN-02	Elgin Street	Harpur Drive	Bay Street South	6	LCB	0.32	Semi-Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-ELGIN-03	Elgin Street	Bay Street South	END	5	LCB	0.16	Rural	Year Round	0-49	50	6	Yes	No	2013	0	0	0	0
ROAD-SE-ELLEN-01	Ellen Road	Carlton Street	END	4	HCB	0.06	Semi-Urban	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-SE-GRANTW-01	Grant Watson Drive	Elgin Street	END	6	LCB	0.95	Urban	Year Round	50-199	30	6	Yes	No	0	2017	0	0	0
ROAD-SE-HARPUR-01	Harpur Drive	Head Street	Earl Street	6.2	LCB	0.30	Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-HARPUR-02	Harpur Drive	Earl Street	Elgin Street	6.2	LCB	0.54	Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-HATT-01	Hatt Street	Baise Avenue	END	6	LCB	0.67	Rural	Year Round	50-199	40	6	Yes	No	0	0	2019	2018	0
ROAD-SE-HAYBAY-01	Hay Bay Road	Highway 6	Legion Street	6.3	LCB	0.13	Rural	Year Round	200-499	50	5	No	No	0	0	2000	0	0
ROAD-SE-HAYBAY-02	Hay Bay Road	Legion Street	Simpson Avenue	6.3	LCB	1.47	Rural	Year Round	200-499	50	5	No	No	2020	0	2000	2019	0
ROAD-SE-HEAD-01	Head Street	Highway 6	Brock Street	7	LCB	0.26	Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-HEAD-02	Head Street	Brock Street	Harpur Drive	6.2	HCB	0.27	Rural	Year Round	200-499	50	5	Yes	No	0	0	0	0	0
ROAD-SE-HIDDEN-01	Hidden Valley Road	Highway 6	END	6.6	Gravel	1.43	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-SE-HURONDR-01	Huron Drive	Dorcas Bay Road	END	5.8	Gravel	1.59	Rural	Year Round	50-199	50	6	Yes	No	0	0	0	0	0
ROAD-SE-INDIAN-01	Indian Harbour Road	Warner Bay Road	Indian Harbour Road	4.2	Gravel	1.15	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-SE-JOHN-01	Johns Lane	Dunks Bay Road	Johns Lane	3.5	Gravel	0.32	Rural	Year Round	0-49	30	6	No	No	0	0	0	0	0
ROAD-SE-JOHNSONS-01	Johnsons Harbour Road	Highway 6	Johnsons Harbour Road	6.5	LCB	2.08	Rural	Year Round	200-499	50	5	No	No	0	0	2020	2019	0
ROAD-SE-JOHNSONS-02	Johnsons Harbour Road	Johnsons Harbour Road	Johnsons Harbour Road	6.5	LCB	3.05	Rural	Year Round	200-499	50	5	No	No	0	0	2020	2018	0
ROAD-SE-JOHNSONS-03	Johnsons Harbour Road	Johnsons Harbour Road	Scugog Lane	6.5	LCB	1.44	Rural	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-SE-JOHNSONS-04	Johnsons Harbour Road	Scugog Lane	Dorcas Bay Road	6.5	LCB	0.33	Rural	Year Round	200-499	50	5	No	No	0	0	0	0	0

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ROAD-SE-LEGION-01	Legion Street	Highway 6	Hay Bay Road	6.8	LCB	0.46	Rural	Year Round	50-199	30	6	No	No	0	0	0	0	0
ROAD-SE-LLOYD-01	Lloyd Drive	Hatt Street	Baise Avenue	6	Gravel	0.37	Rural	Year Round	0-49	40	6	No	No	0	0	0	0	0
ROAD-SE-LTCOVE-01	Little Cove Road	Highway 6	Little Cove Road	8.6	Gravel	2.12	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-MAPLEGOLF-01	Maple Golf Crescent	Highway 6	Maple Golf Crescent	7	LCB	1.50	Semi-Urban	Year Round	50-199	40	6	No	No	2011	0	0	0	0
ROAD-SE-MATHESON-01	Matheson Drive	Simpson Avenue	END	6.5	HCB	1.04	Rural	Year Round	0-49	60	6	Yes	No	0	0	0	0	0
ROAD-SE-MCARTHUR-01	McArthur Road	Warner Bay Road	Cape Hurd Road	7.4	LCB	2.03	Rural	Year Round	200-499	80	4	No	No	2021	0	0	0	0
ROAD-SE-MUNN-01	Munn Drive	Cape Hurd Road	END	7	Gravel	0.51	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-SE-MYLES-01	Myles Drive	Cape Hurd Road	END	7	LCB	0.95	Rural	Year Round	0-49	50	6	Yes	No	0	0	2018	2008	0
ROAD-SE-NICHOLAS-01	Nicholas Street	Highway 6	Brock Street	6.1	LCB	0.26	Semi-Urban	Year Round	200-499	50	5	No	No	2013	0	0	0	0
ROAD-SE-ORCHID-01	Orchid Trail	END	Hatt Street	3	Gravel	0.36	Rural	Year Round	0-49	40	6	Yes	No	0	0	0	0	0
ROAD-SE-PEDWELL-01	Pedwell Drive	Pedwell Point Drive	Dorcas Bay Road	5.8	Gravel	0.76	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-PEDWELLPT-01	Pedwell Point Drive	Dorcas Bay Road	Julilu Way	5.8	Gravel	1.20	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-PINETREE-01	Pine Tree Harbour Road	Lindsay Road 30	END	7.7	LCB	1.51	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	0	0
ROAD-SE-RAY-01	Ray Drive	Zorra Drive	END	6.5	LCB	0.96	Rural	Year Round	0-49	50	6	Yes	No	0	0	0	2008	0
ROAD-SE-RITA-01	Rita Crescent	Myles Drive	Myles Drive	6.6	LCB	0.40	Rural	Year Round	0-49	50	6	No	No	0	0	0	2008	0
ROAD-SE-ROBERT-01	Robert Allen Drive	Dorcas Bay Road	Danny's Road	6.1	LCB	1.49	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-ROBERT-02	Robert Allen Drive	Danny's Road	Dorcas Bay Road	6.1	LCB	1.98	Rural	Year Round	50-199	50	6	No	No	0	0	0	0	0
ROAD-SE-SIMPSON-01	Simpson Avenue	Hay Bay Road	END	6	LCB	1.88	Rural	Year Round	50-199	40	6	Yes	No	0	0	0	0	0
ROAD-SE-WARNER-01	Warner Bay Road	Highway 6	McArthur Road	6.2	LCB	2.03	Rural	Year Round	200-499	50	5	No	No	0	0	2012	0	0
ROAD-SE-WARNER-02	Warner Bay Road	McArthur Road	Indian Harbour Road	6.2	LCB	1.92	Rural	Year Round	200-499	50	5	No	No	0	0	2012	0	0
ROAD-SE-WARNER-03	Warner Bay Road	Indian Harbour Road	Eagle Road	6.6	LCB	3.04	Rural	Year Round	200-499	50	5	No	No	0	0	0	0	0
ROAD-SE-WILLOW-01	Willow Creek Crescent	Robert Allen Drive	Robert Allen Drive	6	LCB	0.72	Rural	Year Round	0-49	50	6	No	No	0	0	0	0	0
ROAD-SE-ZORRA-01	Zorra Drive	Cape Hurd Road	Eagle Road	7.5	LCB	1.58	Rural	Year Round	50-199	50	6	Yes	No	0	0	2011	2009	0

Appendix B

PCI and Time of Need

Appendix B
Northern Bruce Peninsula
PCI and Time of Need

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-EA-WIDGEON-01	Widgeon Cove Road	Pike Bay Road	Wandabend Road	LCB	1.94	Rural	200-499	6	5.2	6.0	42.2	NOW	PR-DST	\$ 197,259.90	\$1,106,949
ROAD-LI-DOCK-01	Dock Lane	Dyers Bay Road	END	LCB	0.32	Rural	0-49	6	6.7	2.0	18.8	NOW	REC-ST	\$ 185,996.40	\$181,460
ROAD-LI-DYERS-03	Dyers Bay Road	East Road	Crane Lake Road	LCB	2.05	Rural	200-499	4	6.5	5.0	48.5	NOW	PR-DST	\$ 207,956.26	\$1,166,973
ROAD-LI-DYERS-04	Dyers Bay Road	Crane Lake Road	Bartley Drive	LCB	2.83	Rural	200-499	4	6.6	5.0	49.2	NOW	PR-DST	\$ 287,312.82	\$1,612,293
ROAD-LI-DYERS-06	Dyers Bay Road	Lynch Drive	Birch Road	LCB	2.86	Rural	200-499	6	7.5	4.0	49.5	NOW	PR-DST	\$ 290,170.60	\$1,628,330
ROAD-LI-HARKINS-01	Harkins Road	Dyers Bay Road	END	LCB	0.67	Rural	0-49	6	7.3	3.5	42.7	NOW	PR-DST	\$ 68,091.89	\$380,489
ROAD-LI-NOBLE-01	Noble Drive	Miller Lake Shore Road	Miller Lake Road	LCB	0.81	Rural	50-199	6	6.7	4.0	42.1	NOW	PR-DST	\$ 82,001.66	\$458,215
ROAD-LI-SHORELINE-01	Shoreline Drive	Dyers Bay Road	Cabot Head Road	LCB	0.38	Rural	0-49	6	7.8	3.0	41.9	NOW	PR-DST	\$ 38,803.84	\$216,831
ROAD-SE-ELGIN-03	Elgin Street	Bay Street South	END	LCB	0.16	Rural	0-49	6	7.3	3.0	37.2	NOW	PR-DST	\$ 16,393.91	\$91,607
ROAD-SE-LEGION-01	Legion Street	Highway 6	Hay Bay Road	LCB	0.46	Rural	50-199	6	7.4	4.0	48.8	NOW	PR-DST	\$ 46,680.76	\$260,846
ROAD-EA-CATHEDRAL-01	Cathedral Drive	Hopeness Road	END	Gravel	0.91	Rural	0-49	6	7.3	6.0	61.2	Gravel Priority Maintenance			\$489,251
ROAD-EA-FORTY-02	Forty Hills Road	Caudle Side Road	Forty Hills Road	Gravel	0.65	Rural	50-199	6	7.8	5.0	60.1	Gravel Priority Maintenance			\$345,456
ROAD-EA-HOPENESS-01	Hopeness Road	Bruce Road 9	Cathedral Drive	Gravel	2.03	Rural	50-199	6	7.1	6.5	61.6	Gravel Priority Maintenance			\$1,083,841
ROAD-EA-RUSHCOVE-01	Rush Cove Road	Scenic Caves Road	Rush Cove Road	Gravel	0.98	Rural	50-199	6	8.2	6.0	69.6	Gravel Priority Maintenance			\$523,080
ROAD-EA-SDRD10-02	Side Road 10	Highway 6	Concession 4	Gravel	2.04	Rural	0-49	6	7.0	5.5	55.7	Gravel Priority Maintenance			\$1,090,321
ROAD-EA-SOUTHSH-01	South Shore Road	Bruce Road 9	South Shore Road	Gravel	1.05	Rural	0-49	6	7.9	5.5	64.2	Gravel Priority Maintenance			\$563,681
ROAD-EA-SPRY-01	Spry Road	Highway 6	The Bury Road	Gravel	2.07	Rural	50-199	4	8.0	6.0	67.8	Gravel Priority Maintenance			\$1,108,622
ROAD-EA-THEBURY-02	The Bury Road	Pike Bay Road	Side Road 10	Gravel	2.02	Rural	50-199	5	7.3	6.0	61.2	Gravel Priority Maintenance			\$1,078,754
ROAD-EA-THEBURY-04	The Bury Road	Little Pike Bay Road	Spry Road	Gravel	2.03	Rural	0-49	6	8.2	6.0	69.6	Gravel Priority Maintenance			\$1,088,167
ROAD-EA-THEBURY-06	The Bury Road	Bruce Road 9	Budvet Road	Gravel	2.04	Rural	0-49	6	7.9	6.0	66.8	Gravel Priority Maintenance			\$1,091,390
ROAD-EA-WESTSHORE-01	West Shore Road	Bruce Road 9	END	Gravel	0.48	Rural	0-49	6	8.2	6.0	69.6	Gravel Priority Maintenance			\$256,759
ROAD-LI-BORCHARDT-01	Borchardt Road	Cape Chin North Road	END	Gravel	2.01	Rural	0-49	6	7.8	5.0	60.1	Gravel Priority Maintenance			\$1,077,368
ROAD-LI-CRANE-01	Crane Lake Road	Dyers Bay Road	Lindsay Road 40	Gravel	2.02	Rural	0-49	6	7.7	6.0	64.9	Gravel Priority Maintenance			\$1,079,875
ROAD-LI-FORTY-01	Forty Hills Road	Forty Hills Road	Forty Hills Road	Gravel	1.55	Rural	0-49	6	7.8	5.5	63.2	Gravel Priority Maintenance			\$830,255

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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-LI-FORTY-02	Forty Hills Road	Forty Hills Road	Lindsay Road 5	Gravel	1.67	Rural	0-49	6	7.7	5.5	62.3	Gravel Priority Maintenance			\$893,085
ROAD-LI-IRALAKE-01	Ira Lake Road	Clarke's Road	Highway 6	Gravel	6.34	Rural	50-199	5	7.7	5.5	62.3	Gravel Priority Maintenance			\$3,392,892
ROAD-LI-LINDSAY40-02	Lindsay Road 40	Bartley Drive	Daly's Road	Gravel	2.92	Rural	0-49	6	7.7	6.0	64.5	Gravel Priority Maintenance			\$1,563,155
ROAD-LI-SHOULDICE-01	Shouldice Lake Road	Dyers Bay Road	Shouldice Lake Road	Gravel	1.39	Rural	0-49	6	8.4	5.5	68.8	Gravel Priority Maintenance			\$743,599
ROAD-LI-TAMMYS-02	Tammys Cove Road	Cottage Cove Road	END	Gravel	2.60	Rural	50-199	6	8.2	6.0	69.6	Gravel Priority Maintenance			\$1,392,163
ROAD-SE-CAMERON-02	Cameron Lake Road	Cameron Lake Road	END	Gravel	1.31	Rural	50-199	6	7.7	6.0	64.5	Gravel Priority Maintenance			\$701,022
ROAD-EA-BRAUN-01	Braun Crescent	Spry Road	END	LCB	0.09	Rural	0-49	6	7.6	5.0	57.8	1-5 YEARS	PR-DST	\$ 9,391.90	\$52,481
ROAD-EA-FORBES-01	Forbes Road	Whiskey Harbour Road	END	LCB	1.07	Rural	0-49	6	8.3	5.0	64.5	1-5 YEARS	DST	\$ 56,846.28	\$604,757
ROAD-EA-MCLAY-01	McLay Drive	Walter Charman Drive	END	LCB	0.12	Rural	0-49	6	9.7	4.0	69.5	1-5 YEARS	DST	\$ 6,277.22	\$66,780
ROAD-EA-MYLESBAY-02	Myles Bay Shore Road	Parker Island Road	River Lane	LCB	1.23	Rural	200-499	6	7.8	6.0	65.6	1-5 YEARS	DST	\$ 65,714.47	\$702,072
ROAD-EA-PARADISE-01	Paradise Drive	Widgeon Cove Road	END	LCB	0.60	Rural	0-49	6	8.7	5.0	68.5	1-5 YEARS	DST	\$ 32,181.74	\$342,364
ROAD-EA-SPRYSHORE-01	Spry Shore Road	Spry Road	Burma Road	LCB	2.61	Rural	50-199	6	8.1	6.0	68.2	1-5 YEARS	DST	\$ 139,121.18	\$1,480,035
ROAD-EA-STOKESBAY-01	Stokes Bay Road	Bruce Road 9	Norburn Road	LCB	0.81	Rural	500-999	3	6.9	5.0	51.8	1-5 YEARS	PR-DST	\$ 86,699.03	\$655,887
ROAD-EA-STOKESBAY-02	Stokes Bay Road	Norburn Road	Hardwick Cove Road	LCB	3.27	Rural	50-199	3	7.4	5.0	56.5	1-5 YEARS	PR-DST	\$ 331,933.66	\$1,854,805
ROAD-EA-STOKESBAY-03	Stokes Bay Road	Hardwick Cove Road	Stokes River Road	LCB	1.87	Rural	500-999	5	7.9	5.5	63.6	1-5 YEARS	DST	\$ 103,744.29	\$1,511,536
ROAD-LH-POINTVIEW-01	Point View Drive	Bayfield Street	Webster Street	LCB	0.53	Semi-Urban	0-49	6	8.4	5.5	68.2	1-5 YEARS	DST	\$ 28,068.56	\$298,606
ROAD-LH-TACKABURY-01	Tackabury Street	Ferndale Road	Hayes Drive	LCB	0.22	Semi-Urban	200-499	6	8.4	5.5	68.2	1-5 YEARS	DST	\$ 12,275.25	\$126,288
ROAD-LI-BIRCH-01	Birch Road	Dyers Bay Road	Shoreline Drive	LCB	0.35	Rural	50-199	6	7.6	4.0	50.8	1-5 YEARS	PR-DST	\$ 35,497.27	\$198,354
ROAD-LI-CHERRY-01	Cherry Hill Road	Highway 6	Cherry Hill Road	LCB	0.53	Rural	200-499	5	8.4	5.5	68.9	1-5 YEARS	DST	\$ 28,241.34	\$301,721
ROAD-LI-CHERRY-02	Cherry Hill Road	Cherry Hill Road	Lindsay Road 5	LCB	1.52	Rural	200-499	4	8.4	5.5	68.9	1-5 YEARS	DST	\$ 80,954.76	\$864,895
ROAD-LI-CLARKES-01	Clarke's Road	Highway 6	The Bury Road	LCB	0.92	Rural	200-499	4	7.7	6.0	64.9	1-5 YEARS	DST	\$ 48,787.24	\$521,227
ROAD-LI-CLARKES-02	Clarke's Road	The Bury Road	Stokes Bay Road	LCB	2.03	Rural	200-499	4	6.7	5.5	52.9	1-5 YEARS	PR-DST	\$ 206,061.58	\$1,156,341
ROAD-LI-DYERS-05	Dyers Bay Road	Britain Lake Road	Lynch Drive	LCB	0.56	Rural	200-499	6	8.4	5.0	65.2	1-5 YEARS	DST	\$ 29,755.83	\$317,902
ROAD-LI-EAST-01	East Road	Lindsay Road 5	Cape Chin South Road	LCB	2.13	Rural	200-499	4	7.2	4.5	50.9	1-5 YEARS	PR-DST	\$ 216,393.44	\$1,214,320
ROAD-LI-EAST-03	East Road	Cape Chin North Road	Otter Lake Road	LCB	2.16	Rural	50-199	5	8.1	6.0	68.2	1-5 YEARS	DST	\$ 115,144.12	\$1,224,956
ROAD-LI-LINDSAY20-01	Lindsay Road 20	Highway 6	Lindsay Road 20	LCB	2.04	Rural	50-199	4	8.5	5.5	69.6	1-5 YEARS	DST	\$ 108,570.51	\$1,155,023
ROAD-LI-LINDSAY20-02	Lindsay Road 20	Lindsay Road 20	Lindsay Road 20	LCB	1.83	Rural	50-199	4	8.4	5.5	68.2	1-5 YEARS	DST	\$ 97,695.10	\$1,039,326
ROAD-LI-LINDSAY5-01	Lindsay Road 5	Highway 6	Cherry Hill Road	LCB	1.10	Rural	200-499	4	8.1	5.5	65.6	1-5 YEARS	DST	\$ 58,711.85	\$627,258

Appendix B
Northern Bruce Peninsula
PCI and Time of Need

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-LI-LINDSAY5-02	Lindsay Road 5	Cherry Hill Road	Forty Hills Road	LCB	2.05	Rural	200-499	4	6.7	5.5	52.9	1-5 YEARS	PR-DST	\$ 208,372.13	\$1,169,307
ROAD-LI-MILLERLSR-01	Miller Lake Shore Road	Maple Drive	Miller Lake Road	LCB	1.98	Rural	50-199	6	8.1	5.5	65.6	1-5 YEARS	DST	\$ 105,446.85	\$1,121,792
ROAD-LI-STOKESBAY-01	Stokes Bay Road	Stokes Bay Road	Clarke's Road	LCB	1.86	Rural	200-499	4	7.3	5.5	58.9	1-5 YEARS	DST	\$ 98,894.53	\$1,056,557
ROAD-SE-BIGTUB-01	Big Tub Road	Highway 6	China Cove Road	LCB	1.27	Rural	200-499	6	8.4	5.5	68.2	1-5 YEARS	DST	\$ 67,474.97	\$720,881
ROAD-SE-CENTENNIA-01	Centennial Drive	Highway 6	Dunks Bay Road	LCB	0.55	Rural	50-199	6	8.1	5.5	66.2	1-5 YEARS	DST	\$ 29,108.99	\$309,675
ROAD-SE-COREY-01	Corey Crescent	Simpson Avenue	Diane Crescent	LCB	2.38	Rural	50-199	6	8.0	5.0	61.8	1-5 YEARS	DST	\$ 126,873.89	\$1,349,743
ROAD-SE-DIANE-01	Diane Crescent	Corey Crescent	END	LCB	0.26	Rural	0-49	6	8.6	5.0	67.2	1-5 YEARS	SST	\$ 6,874.97	\$146,278
ROAD-SE-DORCAS-01	Dorcas Bay Road	Highway 6	Dorcas Bay Road	LCB	2.89	Rural	200-499	5	7.6	5.0	58.5	1-5 YEARS	PR-DST	\$ 293,506.18	\$1,647,048
ROAD-SE-DORCAS-02	Dorcas Bay Road	Dorcas Bay Road	Ada Crescent	LCB	1.54	Rural	200-499	5	8.5	5.0	66.5	1-5 YEARS	DST	\$ 82,066.43	\$876,771
ROAD-SE-DORCAS-03	Dorcas Bay Road	Ada Crescent	Borden Drive	LCB	4.83	Rural	200-499	5	7.8	5.0	59.8	1-5 YEARS	DST	\$ 257,514.49	\$2,751,202
ROAD-SE-GRANTW-01	Grant Watson Drive	Elgin Street	END	LCB	0.95	Urban	50-199	6	8.8	5.0	69.2	1-5 YEARS	DST	\$ 50,568.59	\$677,695
ROAD-SE-HAYBAY-01	Hay Bay Road	Highway 6	Legion Street	LCB	0.13	Rural	200-499	5	8.4	5.0	65.2	1-5 YEARS	DST	\$ 6,761.95	\$72,243
ROAD-SE-HEAD-01	Head Street	Highway 6	Brock Street	LCB	0.26	Urban	200-499	5	7.7	5.0	59.2	1-5 YEARS	PR-DST	\$ 27,666.29	\$317,802
ROAD-SE-SIMPSON-01	Simpson Avenue	Hay Bay Road	END	LCB	1.88	Rural	50-199	6	8.8	5.0	69.2	1-5 YEARS	DST	\$ 100,084.64	\$1,064,747
ROAD-SE-WARNER-01	Warner Bay Road	Highway 6	McArthur Road	LCB	2.03	Rural	200-499	5	8.4	5.0	65.2	1-5 YEARS	DST	\$ 108,424.96	\$1,158,377
ROAD-SE-WARNER-02	Warner Bay Road	McArthur Road	Indian Harbour Road	LCB	1.92	Rural	200-499	5	8.3	5.0	64.5	1-5 YEARS	DST	\$ 102,200.12	\$1,091,873
ROAD-SE-WARNER-03	Warner Bay Road	Indian Harbour Road	Eagle Road	LCB	3.04	Rural	200-499	5	8.1	5.0	63.2	1-5 YEARS	DST	\$ 161,932.18	\$1,730,031
ROAD-EA-ABERDEEN-01	Aberdeen Avenue	Widgeon Cove Road	END	LCB	0.45	Rural	0-49	6	9.0	6.0	76.2	6-10 YEARS	SST	\$ 11,935.04	\$253,941
ROAD-EA-BARROW-03	Barrow Bay Road	Barrow Bay Road	Bruce Road 9	HCB	1.02	Rural	200-499	5	8.9	6.0	76.3	6-10 YEARS	R1	\$ 157,608.66	\$719,404
ROAD-EA-BOYDS-01	Boyds Harbour Loop	Walter Charman Drive	END	LCB	1.12	Rural	0-49	6	9.0	6.5	78.6	6-10 YEARS	SST	\$ 29,878.00	\$635,712
ROAD-EA-BURMA-02	Burma Road	Doerr Street	Spry Shore Road	LCB	0.50	Rural	50-199	6	8.7	6.5	76.6	6-10 YEARS	SST	\$ 13,402.06	\$285,155
ROAD-EA-DEVILS-01	Devils Glen	Little Point Road	Purgatory Road	LCB	0.29	Rural	0-49	6	9.1	5.0	71.8	6-10 YEARS	SST	\$ 7,764.92	\$165,214
ROAD-EA-EVERATT-01	Everatt Side Road	Highway 6	Concession 4	LCB	2.03	Rural	500-999	4	8.7	6.5	76.6	6-10 YEARS	SST	\$ 56,233.87	\$1,638,636
ROAD-EA-EVERATT-02	Everatt Side Road	Concession 4	Everatt Side Road	LCB	0.51	Rural	500-999	4	8.3	6.0	70.2	6-10 YEARS	DST	\$ 28,052.68	\$408,723
ROAD-EA-EVERATT-03	Everatt Side Road	Everatt Side Road	Isthmus Bay Road	LCB	0.50	Rural	500-999	5	9.1	6.0	77.6	6-10 YEARS	SST	\$ 13,928.82	\$405,881
ROAD-EA-GODERICH-01	Goderich Point Loop	Walter Charman Drive	Walter Charman Drive	LCB	0.75	Rural	50-199	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 20,101.59	\$427,700
ROAD-EA-ISTHMUS-01	Isthmus Bay Road	Main Street	Everatt Side Road	LCB	0.41	Rural	500-999	5	8.6	6.0	72.9	6-10 YEARS	R1	\$ 64,135.64	\$333,686
ROAD-EA-ISTHMUS-02	Isthmus Bay Road	Everatt Side Road	Forty Hills Road	LCB	2.94	Rural	500-999	5	8.7	6.0	73.6	6-10 YEARS	DST	\$ 162,500.19	\$2,367,600
ROAD-EA-LTPIKEBAY-01	Little Pike Bay Road	Highway 6	The Bury Road	LCB	2.03	Rural	200-499	4	8.2	6.5	73.4	6-10 YEARS	R1	\$ 314,118.10	\$1,154,005
ROAD-EA-LTPIKEBAY-02	Little Pike Bay Road	The Bury Road	West Road	LCB	2.03	Rural	200-499	4	8.4	6.5	73.9	6-10 YEARS	SST	\$ 54,175.98	\$1,157,597

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Northern Bruce Peninsula
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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-EA-LTPOINT-01	Little Point Road	Whiskey Harbour Road	Devils Glen	LCB	0.07	Rural	0-49	6	9.2	5.0	72.5	6-10 YEARS	SST	\$ 1,884.01	\$40,086
ROAD-EA-MOORE-04	Moore Street	McCurdy Drive	END	HCB	0.87	Rural	50-199	6	9.0	6.0	78.0	6-10 YEARS	R1	\$ 135,339.78	\$615,659
ROAD-EA-MYLESBAY-01	Myles Bay Shore Road	Stokes Bay Road	Parker Island Road	LCB	1.35	Rural	200-499	5	8.4	7.0	75.2	6-10 YEARS	SST	\$ 36,043.68	\$770,158
ROAD-EA-MYLESBAY-03	Myles Bay Shore Road	River Lane	Stokes Bay Road	LCB	0.72	Rural	200-499	5	8.5	6.0	72.2	6-10 YEARS	SST	\$ 19,162.25	\$409,447
ROAD-EA-PARKER-01	Parker Island Road	Myles Bay Shore Road	Parker Island Road	LCB	0.31	Rural	0-49	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 8,256.15	\$175,665
ROAD-EA-PIKEBAY-01	Pike Bay Road	Highway 6	The Bury Road	LCB	2.03	Rural	200-499	4	9.0	5.0	70.5	6-10 YEARS	SST	\$ 54,083.21	\$1,155,615
ROAD-EA-PIKEBAY-02	Pike Bay Road	The Bury Road	West Road	HCB	2.04	Rural	200-499	4	8.6	6.5	75.2	6-10 YEARS	SST	\$ 54,388.96	\$1,441,807
ROAD-EA-PIKEBAY-03	Pike Bay Road	West Road	Pike Bay Road	HCB	1.00	Rural	200-499	4	8.7	6.5	75.9	6-10 YEARS	SST	\$ 26,614.27	\$705,523
ROAD-EA-PIKEBAY-05	Pike Bay Road	Whiskey Harbour Road	Stewarts Point	HCB	0.85	Rural	200-499	5	9.1	6.0	78.8	6-10 YEARS	R1	\$ 131,617.89	\$599,895
ROAD-EA-PIKEBAY-06	Pike Bay Road	Stewarts Point	Sutter Road	HCB	0.80	Rural	200-499	5	9.1	6.0	78.8	6-10 YEARS	R1	\$ 124,106.93	\$565,662
ROAD-EA-SANDYB-01	Sandy Beach Road	Myles Bay Shore Road	END	LCB	0.72	Rural	200-499	6	8.2	6.5	71.9	6-10 YEARS	SST	\$ 19,292.53	\$412,230
ROAD-EA-SPRY-05	Spry Road	Spry Shore Road	Fowlie Road	LCB	0.23	Rural	0-49	6	8.7	5.5	71.6	6-10 YEARS	SST	\$ 6,197.88	\$131,872
ROAD-EA-SPRY-06	Spry Road	Fowlie Road	END	LCB	0.08	Rural	0-49	6	8.8	6.5	77.2	6-10 YEARS	SST	\$ 2,123.32	\$45,178
ROAD-EA-STOKESBAY-04	Stokes Bay Road	Stokes River Road	Stokes Bay Road	HCB	1.06	Rural	500-999	5	8.9	6.0	77.1	6-10 YEARS	R1	\$ 163,751.23	\$968,158
ROAD-EA-TAMARAC-01	Tamarac Road	Stokes River Road	Walter Charman Drive	HCB	2.08	Rural	500-999	5	8.8	6.0	75.9	6-10 YEARS	R1	\$ 321,973.19	\$1,903,624
ROAD-EA-TAMARAC-02	Tamarac Road	Walter Charman Drive	END	LCB	0.94	Rural	50-199	6	9.1	6.0	77.6	6-10 YEARS	SST	\$ 25,049.81	\$532,983
ROAD-EA-WANDABEND-01	Wandabend Road	Widgeon Cove Road	Widgeon Cove Road	LCB	0.30	Rural	0-49	6	9.4	5.5	77.6	6-10 YEARS	SST	\$ 7,918.74	\$168,487
ROAD-EA-WHISKEY-01	Whiskey Harbour Road	Pike Bay Road	Julian Drive	LCB	1.96	Rural	200-499	6	8.3	6.0	70.2	6-10 YEARS	SST	\$ 52,227.25	\$1,115,958
ROAD-EA-WHISKEY-02	Whiskey Harbour Road	Julian Drive	Devils Glen	LCB	2.03	Rural	200-499	5	8.2	7.0	73.9	6-10 YEARS	SST	\$ 54,095.13	\$1,155,870
ROAD-LH-BAYFIELD-01	Bayfield Street	Hayes Drive	Edgewood Street	LCB	0.41	Rural	50-199	6	8.5	7.0	76.6	6-10 YEARS	SST	\$ 10,886.07	\$231,622
ROAD-LH-EDGEWOOD-03	Edgewood Street	Point View Drive	Bayfield Street	LCB	0.13	Rural	50-199	6	8.6	5.5	70.2	6-10 YEARS	SST	\$ 3,365.10	\$71,599
ROAD-LH-PHILLIP-01	Phillip Forbes Street	Webster Street	Scott Street	HCB	0.11	Semi-Urban	200-499	6	8.9	5.5	73.9	6-10 YEARS	R1	\$ 17,359.33	\$79,121
ROAD-LH-WEBSTER-03	Webster Street	Main Street	Alexander Street	HCB	0.11	Urban	50-199	6	8.8	5.5	72.9	6-10 YEARS	R1 - EM/O	\$ 18,499.63	\$76,857
ROAD-LH-WEBSTER-04	Webster Street	Alexander Street	Point View Drive	HCB	0.20	Urban	50-199	6	9.2	6.0	79.1	6-10 YEARS	R1 - EM/O	\$ 33,530.87	\$139,304
ROAD-LI-EAST-02	East Road	Cape Chin South Road	Cape Chin North Road	LCB	2.04	Rural	200-499	4	8.8	7.0	79.2	6-10 YEARS	SST	\$ 54,278.99	\$1,159,798
ROAD-LI-EAST-04	East Road	Otter Lake Road	Tammys Cove Road	LCB	1.65	Rural	50-199	5	8.6	6.0	72.9	6-10 YEARS	SST	\$ 43,991.98	\$936,014
ROAD-LI-EAST-05	East Road	Tammys Cove Road	Barnett's Drive	LCB	1.88	Rural	50-199	5	8.8	6.0	74.9	6-10 YEARS	SST	\$ 50,225.48	\$1,068,644
ROAD-LI-GAULEYS-01	Gauleys Bay Road	Tamarac Road	Greenough Harbour Lane	LCB	2.68	Rural	50-199	5	8.6	6.5	75.2	6-10 YEARS	SST	\$ 71,454.34	\$1,520,328
ROAD-LI-LINDSAY20-03	Lindsay Road 20	Lindsay Road 20	Bradley Drive	LCB	0.48	Rural	50-199	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 12,846.11	\$273,326
ROAD-LI-LTPINE-02	Little Pine Drive	White Cedar Road	Sadler Creek Road	LCB	1.65	Rural	0-49	6	9.0	6.0	76.2	6-10 YEARS	SST	\$ 43,939.31	\$934,893

Appendix B
Northern Bruce Peninsula
PCI and Time of Need

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-LI-MILLERLR-01	Miller Lake Road	Highway 6	Miller Lake Shore Road	LCB	2.03	Rural	50-199	5	8.7	6.0	74.2	6-10 YEARS	SST	\$ 54,025.97	\$1,149,506
ROAD-LI-MILLERLR-02	Miller Lake Road	Barney's Boulevard	Miller Lake Shore Road	LCB	0.58	Rural	50-199	6	8.9	5.5	72.9	6-10 YEARS	SST	\$ 15,344.53	\$326,484
ROAD-LI-WHITE-01	White Cedar Road	Donald Road	Youngblood Road	LCB	1.50	Rural	50-199	6	8.5	6.0	72.2	6-10 YEARS	SST	\$ 40,107.36	\$853,361
ROAD-LI-YOUNGBLO-01	Youngblood Road	Lindsay Road 20	White Cedar Road	LCB	0.82	Rural	50-199	6	8.4	6.0	71.6	6-10 YEARS	SST	\$ 21,865.45	\$465,229
ROAD-SE-BAY-01	Bay Street South	Highway 6	Bay Street South	HCB	0.09	Urban	200-499	6	9.1	6.0	78.1	6-10 YEARS	R1 - EM/O	\$ 16,260.55	\$115,808
ROAD-SE-BAY-04	Bay Street South	Earl Street	Elgin Street	LCB	0.60	Semi-Urban	200-499	6	8.7	6.0	74.2	6-10 YEARS	SST	\$ 16,661.33	\$342,823
ROAD-SE-BIGTUB-02	Big Tub Road	China Cove Road	END	LCB	1.04	Rural	200-499	6	8.7	5.5	71.6	6-10 YEARS	SST	\$ 27,826.00	\$594,568
ROAD-SE-CAMERON-01	Cameron Lake Road	Highway 6	Cameron Lake Road	LCB	2.18	Rural	50-199	6	8.7	7.0	77.9	6-10 YEARS	SST	\$ 58,077.66	\$1,235,714
ROAD-SE-CAPEHURD-02	Cape Hurd Road	McArthur Road	Zorra Drive	LCB	5.39	Rural	50-199	4	8.7	6.5	75.9	6-10 YEARS	SST	\$ 143,604.30	\$3,055,458
ROAD-SE-CHISIN-01	Chi-Sintub'dik Road	Highway 6	END	HCB	1.14	Semi-Urban	200-499	5	9.2	6.0	79.0	6-10 YEARS	R1	\$ 176,829.92	\$805,965
ROAD-SE-DUNKS-01	Dunks Bay Road	Highway 6	END	LCB	0.94	Rural	50-199	6	9.0	6.0	76.9	6-10 YEARS	SST	\$ 25,156.05	\$535,243
ROAD-SE-ELGIN-02	Elgin Street	Harpur Drive	Bay Street South	LCB	0.32	Semi-Urban	200-499	5	9.9	5.0	78.5	6-10 YEARS	SST	\$ 8,877.45	\$182,662
ROAD-SE-ELLEN-01	Ellen Road	Carlton Street	END	HCB	0.06	Semi-Urban	0-49	6	9.2	5.0	72.4	6-10 YEARS	R1	\$ 8,585.12	\$38,997
ROAD-SE-HARPUR-01	Harpur Drive	Head Street	Earl Street	LCB	0.30	Urban	200-499	5	9.1	6.0	77.6	6-10 YEARS	SST	\$ 8,427.23	\$372,872
ROAD-SE-HAYBAY-02	Hay Bay Road	Legion Street	Simpson Avenue	LCB	1.47	Rural	200-499	5	8.9	5.5	72.9	6-10 YEARS	SST	\$ 39,250.37	\$838,677
ROAD-SE-MYLES-01	Myles Drive	Cape Hurd Road	END	LCB	0.95	Rural	0-49	6	8.8	6.0	74.9	6-10 YEARS	SST	\$ 25,252.23	\$537,290
ROAD-SE-NICHOLAS-01	Nicholas Street	Highway 6	Brock Street	LCB	0.26	Semi-Urban	200-499	5	9.1	6.0	77.6	6-10 YEARS	SST	\$ 7,127.82	\$146,662
ROAD-SE-RAY-01	Ray Drive	Zorra Drive	END	LCB	0.96	Rural	0-49	6	9.1	6.0	77.6	6-10 YEARS	SST	\$ 25,583.81	\$544,345
ROAD-SE-RITA-01	Rita Crescent	Myles Drive	Myles Drive	LCB	0.40	Rural	0-49	6	9.1	6.0	77.6	6-10 YEARS	SST	\$ 10,754.29	\$228,818
ROAD-SE-ZORRA-01	Zorra Drive	Cape Hurd Road	Eagle Road	LCB	1.58	Rural	50-199	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 42,180.36	\$897,468
ROAD-EA-ALLAN-02	Allan Lane	Fraser Road	Julian Drive	Gravel	0.24	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$127,510
ROAD-EA-ANCHORS-01	Anchors Lane	Baywatch Drive	Pike Bay Road	HCB	0.13	Rural	0-49	6	9.7	6.0	83.5	ADEQ			\$92,102
ROAD-EA-BARROW-01	Barrow Bay Road	Highway 6	Concession 4	HCB	2.05	Rural	200-499	4	9.4	7.0	84.6	ADEQ			\$1,447,011
ROAD-EA-BARROW-02	Barrow Bay Road	Concession 4	Barrow Bay Road	HCB	1.02	Rural	200-499	4	9.5	6.5	85.0	ADEQ			\$720,419
ROAD-EA-BAYWATCH-01	Baywatch Drive	END	Makela Road	Gravel	0.14	Rural	0-49	6	8.3	7.0	74.9	ADEQ			\$73,007
ROAD-EA-BAYWATCH-02	Baywatch Drive	Makela Road	Anchors Lane	Gravel	0.28	Rural	0-49	6	8.3	7.0	74.9	ADEQ			\$152,174
ROAD-EA-BAYWATCH-03	Baywatch Drive	Anchors Lane	END	Gravel	0.28	Rural	0-49	6	8.3	7.0	74.9	ADEQ			\$149,172
ROAD-EA-BELL-01	Bell Drive	Pike Bay Road	SBP Boundary	Gravel	0.42	Rural	0-49	6	8.4	7.0	75.8	ADEQ			\$223,339
ROAD-EA-BELLMORE-01	Bellmore Lane	Whiskey Harbour Road	END	Gravel	0.23	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$121,752

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Northern Bruce Peninsula
PCI and Time of Need

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-EA-BUDVET-01	Budvet Road	Highway 6	The Bury Road	Gravel	2.05	Rural	50-199	6	8.6	6.5	75.7	ADEQ			\$1,096,893
ROAD-EA-BURGESS-01	Burgess Road	Hardwick Cove Road	Felsbourg Road	Gravel	0.32	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$171,994
ROAD-EA-BURMA-01	Burma Road	Stokes Bay Road	Doerr Street	HCB	1.52	Rural	50-199	4	9.0	6.5	80.5	ADEQ			\$1,071,950
ROAD-EA-CAMERON-01	Cameron Road	Bruce Road 9	END	Gravel	2.50	Rural	0-49	6	8.4	6.5	73.8	ADEQ			\$1,337,427
ROAD-EA-CAUDLE-01	Caudle Side Road	Forty Hills Road	Highway 6	LCB	2.07	Rural	500-999	4	9.7	6.0	82.9	ADEQ			\$1,669,055
ROAD-EA-CEMETERY-01	Cemetery Road	Highway 6	Concession 4	HCB	2.04	Rural	50-199	4	9.4	6.5	83.6	ADEQ			\$1,435,933
ROAD-EA-CEMETERY-02	Cemetery Road	Concession 4	Bruce Road 9	HCB	1.02	Rural	50-199	4	9.5	6.5	84.4	ADEQ			\$717,974
ROAD-EA-CEMETERY-03	Cemetery Road	Bruce Road 9	Evergreen Road	Gravel	0.63	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$338,573
ROAD-EA-CEMETERY-04	Cemetery Road	Evergreen Road	END	Gravel	0.38	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$201,664
ROAD-EA-CHANNEL-01	Channel Road	North Shore Road	END	Gravel	0.32	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$169,836
ROAD-EA-CHETWYND-01	Chetwynd Lane	Isthmus Bay Road	Chetwynd Lane	Gravel	0.52	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$280,046
ROAD-EA-CONC4-01	Concession 4	END	Side Road 10	Gravel	1.72	Rural	0-49	6	8.3	6.5	72.9	ADEQ			\$920,182
ROAD-EA-CONC4-02	Concession 4	Side Road 10	Barrow Bay Road	Gravel	2.03	Rural	0-49	6	8.3	6.5	72.9	ADEQ			\$1,085,423
ROAD-EA-CONC4-03	Concession 4	Barrow Bay Road	Cemetery Road	Gravel	2.05	Rural	0-49	6	9.0	6.5	78.5	ADEQ			\$1,098,528
ROAD-EA-CONC4-04	Concession 4	Cemetery Road	Bruce Road 9	Gravel	2.03	Rural	50-199	5	8.6	6.5	75.7	ADEQ			\$1,086,416
ROAD-EA-CONC4-05	Concession 4	Bruce Road 9	Everatt Side Road	Gravel	2.03	Rural	0-49	6	8.5	6.0	72.4	ADEQ			\$1,084,685
ROAD-EA-CONC4-06	Concession 4	Everatt Side Road	END	Gravel	0.25	Rural	0-49	6	9.2	7.0	82.4	ADEQ			\$135,245
ROAD-EA-CONSTANC-01	Constance Drive	Isthmus Bay Road	END	LCB	0.18	Rural	0-49	6	10.0	8.0	93.1	ADEQ			\$104,447
ROAD-EA-COVE-01	Cove Street	Devils Glen	END	Gravel	0.08	Rural	0-49	6	8.3	7.0	74.9	ADEQ			\$44,612
ROAD-EA-DEVILS-02	Devils Glen	Purgatory Road	Cove Street	HCB	0.11	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$79,832
ROAD-EA-DEVILS-03	Devils Glen	Cove Street	END	HCB	1.16	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$817,738
ROAD-EA-DUNN-01	Dunn Street	Pike Street	Hawes Road	LCB	0.32	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$180,294
ROAD-EA-EVERGREEN-01	Evergreen Road	Cemetery Road	Bruce Road 9	Gravel	0.44	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$235,507
ROAD-EA-FORTY-01	Forty Hills Road	Isthmus Bay Road	Caudle Side Road	LCB	1.67	Rural	500-999	5	9.7	7.0	87.2	ADEQ			\$1,344,404
ROAD-EA-FOWLIE-01	Fowlie Road	Pike Street	Spry Road	LCB	1.64	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$927,119
ROAD-EA-FOX-01	Fox Drive	Isthmus Bay Road	END	LCB	0.20	Rural	0-49	6	10.0	8.0	93.1	ADEQ			\$113,946
ROAD-EA-FRASER-01	Fraser Road	Allan Lane	END	Gravel	0.24	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$130,802
ROAD-EA-GARD-01	Gard Street	Hardwick Cove Road	Hardwick Cove Road	Gravel	0.37	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$198,048
ROAD-EA-GEORGE-01	George Myles Road	West Road	END	Gravel	0.33	Rural	0-49	6	8.6	7.0	77.7	ADEQ			\$176,179

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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-EA-GEORGIAN-01	Georgian Drive	Hunter Court	Jacksons Cove Road	LCB	0.96	Rural	50-199	6	9.6	6.0	81.6	ADEQ			\$547,038
ROAD-EA-GEORGIAN-02	Georgian Drive	Jacksons Cove Road	END	Gravel	0.62	Rural	50-199	6	9.1	7.0	81.4	ADEQ			\$331,663
ROAD-EA-HARDWICK-01	Hardwick Cove Road	Stokes Bay Road	Burgess Road	Gravel	0.99	Rural	0-49	6	9.2	7.0	82.4	ADEQ			\$527,720
ROAD-EA-HARDWICK-02	Hardwick Cove Road	Burgess Road	END	Gravel	1.22	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$650,463
ROAD-EA-HAWES-01	Hawes Road	Little Pike Bay Road	Pike Street	LCB	0.85	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$483,687
ROAD-EA-HAWETHOR-01	Hawthorne Drive	Isthmus Bay Road	END	HCB	0.17	Rural	0-49	6	10.0	9.0	97.4	ADEQ			\$117,062
ROAD-EA-HENWOOD-01	Henwood Street	Hardwick Cove Road	Stokes Bay Road	Gravel	0.58	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$309,712
ROAD-EA-HERONPT-01	Heron Point Road	Stokes River Road	END	Gravel	0.60	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$322,563
ROAD-EA-HOBSONS-01	Hobson's Harbour Drive	Little Pike Bay Road	END	LCB	1.92	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$1,089,768
ROAD-EA-HOPENESS-02	Hopeness Road	Cathedral Drive	Tower Road	Gravel	2.03	Rural	50-199	6	8.0	6.5	70.1	ADEQ			\$1,085,889
ROAD-EA-HUNTER-01	Hunter Court	Georgian Drive	END	HCB	0.29	Rural	0-49	6	9.9	9.0	96.9	ADEQ			\$204,299
ROAD-EA-HURONPARK-01	Huron Park Road	Little Pike Bay Road	Hobson's Harbour Drive	LCB	0.51	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$287,302
ROAD-EA-HURONST-01	Huron Street	Pike Street	Fowlie Road	LCB	0.46	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$262,316
ROAD-EA-ISLAND-01	Island View Road	Whiskey Harbour Road	END	Gravel	0.25	Rural	0-49	6	9.4	7.0	84.3	ADEQ			\$131,900
ROAD-EA-JACKSONS-01	Jacksons Cove Road	Hopeness Road	Jacksons Cove Road	Gravel	0.39	Rural	50-199	6	8.5	6.7	75.6	ADEQ			\$206,843
ROAD-EA-JACKSONS-02	Jacksons Cove Road	Jacksons Cove Road	Georgian Drive	Gravel	0.29	Rural	50-199	6	8.5	6.7	75.6	ADEQ			\$154,386
ROAD-EA-JULIAN-01	Julian Drive	Whiskey Harbour Road	END	Gravel	0.35	Rural	0-49	6	8.6	6.7	76.5	ADEQ			\$187,316
ROAD-EA-LAKEWOOD-01	Lakewood Country Lane	West Road	END	LCB	1.64	Rural	50-199	6	9.1	6.7	80.7	ADEQ			\$929,357
ROAD-EA-LAWRENCE-01	Lawrence Road	Highway 6	END	Gravel	0.66	Rural	0-49	6	8.8	6.0	74.3	ADEQ			\$353,654
ROAD-EA-LEMCKE-01	Lemcke Road	Rush Cove Road	END	Gravel	0.14	Rural	0-49	6	8.5	6.7	75.6	ADEQ			\$73,050
ROAD-EA-LIBBY-01	Libby Street	Hardwick Cove Road	END	Gravel	0.12	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$65,114
ROAD-EA-LTPIKEBAY-03	Little Pike Bay Road	West Road	Shaw Road	LCB	2.03	Rural	200-499	4	9.8	7.0	90.0	ADEQ			\$1,433,932
ROAD-EA-LTPIKEBAY-04	Little Pike Bay Road	Shaw Road	Pike Street	LCB	2.03	Rural	200-499	4	9.8	7.0	90.0	ADEQ			\$1,154,914
ROAD-EA-LTPIKEBAY-05	Little Pike Bay Road	Pike Street	Hawes Road	LCB	0.35	Rural	200-499	5	9.8	7.0	90.0	ADEQ			\$199,508
ROAD-EA-LTPOINT-02	Little Point Road	Devils Glen	END	Gravel	0.13	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$72,023
ROAD-EA-MAKELA-01	Makela Road	Baywatch Drive	END	Gravel	0.26	Rural	0-49	6	10.0	7.0	89.9	ADEQ			\$138,088
ROAD-EA-MANFOR-01	Manfor Street	Whiskey Harbour Road	END	Gravel	0.10	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$54,644
ROAD-EA-MANLEY-01	Manley Street	Widgeon Cove Road	END	Gravel	0.15	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$81,770
ROAD-EA-MCKAGUE-01	McKague Road	Bruce Road 9	END	Gravel	1.45	Rural	50-199	6	8.4	7.0	75.4	ADEQ			\$778,409
ROAD-EA-MOLLY-01	Molly Street	Burgess Road	END	Gravel	0.26	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$138,663

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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-EA-MURRAY-01	Murray Avenue	Hardwick Cove Road	Henwood Street	Gravel	0.26	Rural	0-49	6	9.4	7.0	84.3	ADEQ			\$141,339
ROAD-EA-NORBURN-01	Norburn Road	Stokes Bay Road	END	HCB	0.62	Rural	0-49	6	9.8	8.0	92.8	ADEQ			\$438,733
ROAD-EA-NORTHSH-01	North Shore Road	McKague Road	Channel Road	Gravel	0.78	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$417,919
ROAD-EA-NORTHSH-02	North Shore Road	Channel Road	North Shore Road	Gravel	0.36	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$190,025
ROAD-EA-NORTHSH-03	North Shore Road	North Shore Road	North Shore Road	Gravel	0.56	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$298,377
ROAD-EA-PIKEBAY-04	Pike Bay Road	Pike Bay Road	Pike Bay Road	HCB	1.02	Rural	200-499	5	9.0	7.0	81.2	ADEQ			\$717,775
ROAD-EA-PIKEBAY-07	Pike Bay Road	Sutter Road	Albemarle Boundary	HCB	1.20	Rural	200-499	6	8.9	7.0	81.8	ADEQ			\$846,931
ROAD-EA-PIKEST-01	Pike Street	Little Pike Bay Road	Huron Street	LCB	1.12	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$636,111
ROAD-EA-POPLAR-01	Poplar Crescent	Widgeon Cove Road	END	Gravel	0.36	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$193,451
ROAD-EA-PURGATORY-01	Purgatory Road	Devils Glen	END	Gravel	0.24	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$128,505
ROAD-EA-RICHARD-01	Richard Street	Burgess Road	END	Gravel	0.39	Rural	0-49	6	8.3	7.0	74.9	ADEQ			\$210,083
ROAD-EA-RICHARDSO-01	Richardson Road	Scenic Caves Road	END	Gravel	0.45	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$239,549
ROAD-EA-RONALD-01	Ronald Street	Julian Drive	Whiskey Harbour Road	Gravel	0.56	Rural	0-49	6	8.3	7.0	74.9	ADEQ			\$297,499
ROAD-EA-RUSHCOVE-02	Rush Cove Road	Rush Cove Road	Lemcke Road	Gravel	2.65	Rural	50-199	6	8.5	7.0	76.8	ADEQ			\$1,420,293
ROAD-EA-SANDDUNE-01	Sand Dune Road	Pike Bay Road	Floods Drive	Gravel	0.17	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$88,549
ROAD-EA-SANDDUNE-02	Sand Dune Road	Floods Drive	END	Gravel	0.03	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$15,996
ROAD-EA-SCENIC-01	Scenic Caves Road	Bruce Road 9	Rush Cove Road	Gravel	2.03	Rural	50-199	6	8.8	6.0	74.3	ADEQ			\$1,086,459
ROAD-EA-SCENIC-02	Scenic Caves Road	Rush Cove Road	Tower Road	Gravel	2.03	Rural	50-199	6	8.4	6.0	71.5	ADEQ			\$1,084,729
ROAD-EA-SCENIC-03	Scenic Caves Road	Tower Road	Scenic Caves Road	Gravel	0.71	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$380,759
ROAD-EA-SDRD10-01	Side Road 10	The Bury Road	Highway 6	Gravel	2.03	Rural	0-49	6	7.9	7.0	71.1	ADEQ			\$1,086,678
ROAD-EA-SDRD10-03	Side Road 10	Concession 4	END	Gravel	1.11	Rural	0-49	6	8.3	6.5	72.9	ADEQ			\$592,294
ROAD-EA-SHAW-01	Shaw Road	Spry Road	Shaw Road	Gravel	0.85	Rural	50-199	5	8.3	7.0	74.9	ADEQ			\$452,640
ROAD-EA-SHAW-02	Shaw Road	Shaw Road	Little Pike Bay Road	Gravel	1.22	Rural	50-199	4	8.8	7.0	78.6	ADEQ			\$654,783
ROAD-EA-SHAW-03	Shaw Road	Little Pike Bay Road	END	Gravel	2.16	Rural	0-49	6	8.4	6.0	71.5	ADEQ			\$1,156,582
ROAD-EA-SOUTHSH-02	South Shore Road	South Shore Road	END	Gravel	0.44	Rural	0-49	6	8.8	6.0	74.3	ADEQ			\$233,711
ROAD-EA-SPRY-02	Spry Road	The Bury Road	West Road	Gravel	2.03	Rural	50-199	4	8.1	6.5	71.0	ADEQ			\$1,086,101
ROAD-EA-SPRY-03	Spry Road	West Road	Shaw Road	Gravel	2.01	Rural	0-49	6	8.5	6.0	72.4	ADEQ			\$1,076,911
ROAD-EA-SPRY-04	Spry Road	Shaw Road	Spry Shore Road	Gravel	1.28	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$687,433
ROAD-EA-STEWARTS-01	Stewarts Point	Pike Bay Road	END	Gravel	0.51	Rural	0-49	6	8.8	6.0	74.3	ADEQ			\$270,908
ROAD-EA-STOKESRIV-01	Stokes River Road	Stokes Bay Road	Tamarac Road	HCB	0.56	Rural	500-999	5	9.7	6.0	83.5	ADEQ			\$512,579

Appendix B
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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-EA-STOKESRIV-02	Stokes River Road	Tamarac Road	END	Gravel	0.21	Rural	0-49	6	9.4	7.0	84.3	ADEQ			\$114,409
ROAD-EA-SUTTER-01	Sutter Road	West Road	Sutter Road	Gravel	0.88	Rural	50-199	4	8.3	6.5	72.9	ADEQ			\$470,435
ROAD-EA-SUTTER-02	Sutter Road	Sutter Road	Pike Bay Road	Gravel	1.00	Rural	50-199	6	8.4	6.0	71.5	ADEQ			\$537,139
ROAD-EA-THEBURY-01	The Bury Road	Albemarle Boundary	Pike Bay Road	Gravel	2.02	Rural	0-49	6	7.8	7.0	70.2	ADEQ			\$1,082,574
ROAD-EA-THEBURY-03	The Bury Road	Side Road 10	Little Pike Bay Road	Gravel	2.04	Rural	50-199	5	8.6	6.5	75.7	ADEQ			\$1,089,087
ROAD-EA-THEBURY-05	The Bury Road	Spry Road	Bruce Road 9	Gravel	2.03	Rural	0-49	6	7.9	7.0	71.1	ADEQ			\$1,087,671
ROAD-EA-THEBURY-07	The Bury Road	Budvet Road	END	Gravel	0.80	Rural	0-49	6	8.5	7.0	76.8	ADEQ			\$430,487
ROAD-EA-TOWER-01	Tower Road	Hopeness Road	Scenic Caves Road	Gravel	1.24	Rural	50-199	6	8.6	6.5	75.7	ADEQ			\$663,045
ROAD-EA-WALTER-01	Walter Charman Drive	Tamarac Road	Goderich Point Loop	LCB	1.66	Rural	0-49	6	9.1	7.0	81.9	ADEQ			\$940,356
ROAD-EA-WHIPPOOR-01	Whippoorwill Road	Forty Hills Road	END	HCB	0.98	Rural	50-199	6	9.6	6.0	83.0	ADEQ			\$691,112
ROAD-EA-WIDGEON-02	Widgeon Cove Road	Wandabend Road	END	Gravel	1.07	Rural	0-49	6	8.3	6.5	72.9	ADEQ			\$573,199
ROAD-EA-WOODSTOCK-01	Woodstock Avenue	Stokes River Road	END	Gravel	0.33	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$176,488
ROAD-LH-ALEXANDER-01	Alexander Street	END	John Street	HCB	0.12	Semi-Urban	0-49	6	9.9	9.0	96.9	ADEQ			\$87,686
ROAD-LH-ALEXANDER-02	Alexander Street	John Street	Webster Street	LCB	0.14	Urban	50-199	6	10.0	6.0	85.6	ADEQ			\$97,350
ROAD-LH-BRUIIN-01	Bruin Street	McNeil Street	END	HCB	0.23	Rural	0-49	6	9.5	7.0	87.3	ADEQ			\$164,514
ROAD-LH-BYRON-01	Byron Street	END	Edgewood Street	HCB	0.07	Rural	0-49	6	9.8	9.0	95.7	ADEQ			\$46,780
ROAD-LH-BYRON-02	Byron Street	Edgewood Street	END	HCB	0.33	Rural	0-49	6	9.9	9.0	96.7	ADEQ			\$232,474
ROAD-LH-EDGEWOOD-01	Edgewood Street	Main Street	Byron Street	HCB	0.12	Semi-Urban	50-199	6	9.6	7.0	87.6	ADEQ			\$83,855
ROAD-LH-EDGEWOOD-02	Edgewood Street	Byron Street	Point View Drive	HCB	0.18	Semi-Urban	50-199	6	9.8	7.0	89.5	ADEQ			\$129,433
ROAD-LH-HAYES-01	Hayes Drive	Main Street	Tackabury Street	HCB	0.10	Semi-Urban	50-199	6	9.4	7.0	86.1	ADEQ			\$70,538
ROAD-LH-HAYES-02	Hayes Drive	Tackabury Street	Bayfield Street	HCB	0.53	Semi-Urban	50-199	6	9.5	8.0	90.1	ADEQ			\$371,681
ROAD-LH-HELEN-01	Helen Street	Moore Street	Mill Street	HCB	0.16	Semi-Urban	500-999	5	10.0	9.0	97.4	ADEQ			\$147,953
ROAD-LH-HELEN-02	Helen Street	Mill Street	Webster Street	LCB	0.12	Semi-Urban	500-999	5	9.3	7.0	83.9	ADEQ			\$97,322
ROAD-LH-HELEN-03	Helen Street	Webster Street	Scott Street	LCB	0.12	Semi-Urban	500-999	5	10.0	8.0	93.1	ADEQ			\$97,044
ROAD-LH-HELEN-04	Helen Street	Scott Street	McNeil Street	LCB	0.10	Semi-Urban	500-999	5	10.0	8.0	93.1	ADEQ			\$78,925
ROAD-LH-HELEN-05	Helen Street	McNeil Street	Sylvia Street	HCB	0.19	Semi-Urban	200-499	5	10.0	9.0	97.4	ADEQ			\$136,011
ROAD-LH-IDA-01	Ida Street	Main Street	Helen Street	HCB	0.15	Rural	0-49	6	9.8	8.0	92.8	ADEQ			\$105,040
ROAD-LH-JOHN-01	John Street	Main Street	Alexander Street	LCB	0.11	Semi-Urban	50-199	6	10.0	8.0	93.1	ADEQ			\$61,611
ROAD-LH-JOSEPH-01	Joseph Street	Mill Street	Moore Street	HCB	0.16	Semi-Urban	200-499	5	9.6	7.0	88.0	ADEQ			\$111,691

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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-LH-MCNEIL-01	McNeil Street	Helen Street	Bruin Street	HCB	0.35	Semi-Urban	200-499	6	9.4	7.0	85.9	ADEQ			\$249,295
ROAD-LH-MILL-01	Mill Street	Main Street	Helen Street	HCB	0.15	Semi-Urban	50-199	6	9.9	8.0	93.8	ADEQ			\$106,631
ROAD-LH-MILL-02	Mill Street	Helen Street	Joseph Street	HCB	0.16	Semi-Urban	200-499	5	9.9	8.0	94.2	ADEQ			\$111,939
ROAD-LH-MOORE-01	Moore Street	Main Street	Helen Street	HCB	0.15	Semi-Urban	500-999	5	9.8	7.0	90.0	ADEQ			\$138,215
ROAD-LH-MOORE-02	Moore Street	Helen Street	Joseph Street	HCB	0.16	Semi-Urban	500-999	5	10.0	7.0	91.1	ADEQ			\$150,954
ROAD-LH-MOORE-03	Moore Street	Joseph Street	McCurdy Drive	HCB	0.78	Semi-Urban	500-999	5	10.0	8.0	94.9	ADEQ			\$713,496
ROAD-LH-POINTVIEW-02	Point View Drive	Webster Street	Edgewood Street	LCB	0.14	Semi-Urban	0-49	6	9.7	6.5	85.2	ADEQ			\$79,299
ROAD-LH-SCOTT-01	Scott Street	Main Street	Helen Street	HCB	0.15	Urban	500-999	5	9.6	6.0	82.8	ADEQ			\$185,533
ROAD-LH-SCOTT-02	Scott Street	Helen Street	Phillip Forbes Street	HCB	0.06	Semi-Urban	200-499	5	9.0	7.0	82.5	ADEQ			\$43,063
ROAD-LH-SYLVIA-01	Sylvia Street	Helen Street	END	LCB	0.21	Semi-Urban	0-49	6	10.0	8.0	93.1	ADEQ			\$118,459
ROAD-LH-WEBSTER-01	Webster Street	Phillip Forbes Street	Helen Street	HCB	0.06	Semi-Urban	200-499	6	9.7	7.0	88.7	ADEQ			\$43,817
ROAD-LH-WEBSTER-02	Webster Street	Helen Street	Main Street	HCB	0.15	Urban	500-999	5	9.4	6.0	80.8	ADEQ			\$186,378
ROAD-LH-WILLIAM-01	William Street	Joseph Street	END	HCB	0.60	Semi-Urban	50-199	6	9.9	7.0	90.9	ADEQ			\$419,984
ROAD-LI-BARNETTS-01	Barnett's Drive	Barney's Boulevard	East Road	LCB	1.74	Rural	50-199	6	9.7	7.0	87.2	ADEQ			\$986,124
ROAD-LI-BARNEYS-01	Barney's Boulevard	Miller Lake Road	END	LCB	3.58	Rural	50-199	6	8.9	7.0	80.1	ADEQ			\$2,031,318
ROAD-LI-BARTLEY-01	Bartley Drive	Dyers Bay Road	Lindsay Road 40	Gravel	2.05	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$1,096,312
ROAD-LI-BARTLEY-02	Bartley Drive	Lindsay Road 40	Bartley Drive	Gravel	0.19	Rural	0-49	6	9.0	6.0	76.2	ADEQ			\$100,444
ROAD-LI-BRADLEY-01	Bradley Drive	Lindsay Road 20	Larsen Cove	LCB	2.52	Rural	50-199	6	9.8	7.0	90.0	ADEQ			\$1,430,871
ROAD-LI-BRADLEY-03	Bradley Drive	Silversides Point Road	END	Gravel	0.47	Rural	50-199	6	8.9	7.0	79.6	ADEQ			\$253,141
ROAD-LI-BRINKMAN-01	Brinkman's Road	Lindsay Road 30	Dyers Bay Road	Gravel	2.03	Rural	0-49	6	8.6	6.5	75.7	ADEQ			\$1,086,471
ROAD-LI-CAPECHINN-01	Cape Chin North Road	East Road	Cape Chin North Road	Gravel	5.82	Rural	50-199	6	8.6	6.0	73.4	ADEQ			\$3,114,692
ROAD-LI-CAPECHINN-02	Cape Chin North Road	Cape Chin North Road	Cape Chin North Shore Road	HCB	0.10	Rural	50-199	6	9.9	7.0	90.4	ADEQ			\$67,455
ROAD-LI-CAPECHINS-01	Cape Chin South Road	East Road	Carter Road	Gravel	5.31	Rural	50-199	6	8.3	6.0	70.6	ADEQ			\$2,841,201
ROAD-LI-CAPECHNSH-01	Cape Chin North Shore Road	END	END	Gravel	3.08	Rural	0-49	6	8.8	6.0	74.3	ADEQ			\$1,650,425
ROAD-LI-CARDINAL-01	Cardinal Crescent	Mclvor Drive	Mclvor Drive	Gravel	0.21	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$114,882
ROAD-LI-CARTER-01	Carter Road	END	END	Gravel	1.65	Rural	0-49	6	8.5	6.0	72.4	ADEQ			\$880,207
ROAD-LI-CHERRY-03	Cherry Hill Road	Lindsay Road 5	END	Gravel	1.79	Rural	0-49	6	8.5	6.5	74.8	ADEQ			\$956,973
ROAD-LI-CONC67-01	Concession 6-7	Old Pine Tree Road	Lindsay Road 30	Gravel	0.37	Rural	0-49	6	8.3	6.5	72.9	ADEQ			\$196,980
ROAD-LI-COTTAGE-01	Cottage Cove Road	Tammys Cove Road	END	Gravel	0.20	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$107,298
ROAD-LI-CRANE-02	Crane Lake Road	Lindsay Road 40	Crane Lake Road	Gravel	0.86	Rural	0-49	6	8.1	6.5	71.0	ADEQ			\$460,308

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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-LI-DONALD-01	Donald Road	Mclvor Drive	Little Pine Drive	Gravel	0.74	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$395,860
ROAD-LI-DYERS-01	Dyers Bay Road	Highway 6	McNair Road	HCB	2.11	Rural	200-499	4	9.9	7.0	90.7	ADEQ			\$1,489,497
ROAD-LI-DYERS-02	Dyers Bay Road	McNair Road	East Road	HCB	2.02	Rural	200-499	4	9.7	8.0	91.8	ADEQ			\$1,429,355
ROAD-LI-EAST-06	East Road	Barnett's Drive	Dyers Bay Road	Gravel	2.61	Rural	50-199	5	8.8	6.0	74.3	ADEQ			\$1,398,230
ROAD-LI-FOX-01	Fox Trail	Little Pine Drive	Little Pine Drive	Gravel	0.82	Rural	0-49	6	8.5	7.0	76.8	ADEQ			\$439,670
ROAD-LI-GAULEYS-02	Gauleys Bay Road	Greenough Harbour Lane	Greenough Point Road	LCB	2.09	Rural	50-199	5	9.4	6.0	80.2	ADEQ			\$1,182,859
ROAD-LI-GREENOUGH-01	Greenough Point Road	Gauleys Bay Road	END	LCB	2.24	Rural	0-49	6	9.6	6.5	83.9	ADEQ			\$1,269,983
ROAD-LI-HOPE-01	Hope Drive	Shouldice Lake Road	END	Gravel	0.61	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$324,500
ROAD-LI-LARSEN-01	Larsen Cove	Bradley Drive	Larsen Cove Road South	LCB	0.14	Rural	0-49	6	9.8	7.0	90.0	ADEQ			\$81,563
ROAD-LI-LARSENCN-01	Larsen Cove Road North	Larsen Cove	END	Gravel	0.93	Rural	0-49	6	8.6	7.0	77.7	ADEQ			\$499,444
ROAD-LI-LARSENCSS-01	Larsen Cove Road South	Silversides Point Road	Larsen Cove	Gravel	0.44	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$234,723
ROAD-LI-LINDSAY30-01	Lindsay Road 30	Brinkman's Road	Highway 6	Gravel	1.92	Rural	0-49	6	8.6	6.5	75.7	ADEQ			\$1,027,516
ROAD-LI-LINDSAY30-02	Lindsay Road 30	Highway 6	Robbins Drive	LCB	2.13	Rural	50-199	4	9.8	7.0	90.0	ADEQ			\$1,207,353
ROAD-LI-LINDSAY30-03	Lindsay Road 30	Robbins Drive	Old Pine Tree Road	LCB	2.78	Rural	50-199	4	9.8	6.0	90.0	ADEQ			\$1,574,133
ROAD-LI-LINDSAY30-04	Lindsay Road 30	Old Pine Tree Road	END	Gravel	0.22	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$119,285
ROAD-LI-LINDSAY40-01	Lindsay Road 40	Crane Lake Road	Bartley Drive	Gravel	2.02	Rural	0-49	6	8.6	6.5	75.7	ADEQ			\$1,079,403
ROAD-LI-LINDSAY40-03	Lindsay Road 40	Daly's Road	END	Gravel	0.40	Rural	0-49	6	8.2	7.0	73.9	ADEQ			\$213,610
ROAD-LI-LINDSAY5-03	Lindsay Road 5	Forty Hills Road	Ackerman Lane	Gravel	1.02	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$543,230
ROAD-LI-LTPINE-01	Little Pine Drive	Fox Trail	White Cedar Road	LCB	0.21	Rural	0-49	6	9.6	6.0	81.6	ADEQ			\$119,457
ROAD-LI-LTPINE-03	Little Pine Drive	Sadler Creek Road	END	Gravel	0.12	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$65,014
ROAD-LI-LYNCH-01	Lynch Drive	Dyers Bay Road	END	Gravel	0.12	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$62,604
ROAD-LI-MAPLE-01	Maple Drive	Highway 6	Miller Lake Shore Road	HCB	1.42	Rural	50-199	6	8.7	7.0	80.1	ADEQ			\$999,396
ROAD-LI-MAXWELL-01	Maxwell Road	Barney's Boulevard	END	Gravel	1.04	Rural	0-49	6	8.5	6.0	72.4	ADEQ			\$555,153
ROAD-LI-MCIVORDR-01	Mclvor Drive	Bradley Drive	END	Gravel	1.13	Rural	0-49	6	8.8	6.0	74.3	ADEQ			\$603,353
ROAD-LI-MCNAIR-01	McNair Road	Dyers Bay Road	END	Gravel	0.70	Rural	0-49	6	9.1	7.0	81.4	ADEQ			\$372,267
ROAD-LI-OLDPINE-01	Old Pine Tree Road	Lindsay Road 30	Concession 6-7	Gravel	0.88	Rural	0-49	6	8.2	7.0	73.9	ADEQ			\$469,861
ROAD-LI-ROBBINS-01	Robbins Drive	Lindsay Road 30	END	Gravel	1.10	Rural	0-49	6	8.3	6.5	72.9	ADEQ			\$590,178
ROAD-LI-SADLER-01	Sadler Creek Road	Little Pine Drive	END	Gravel	0.84	Rural	0-49	6	9.4	7.0	84.3	ADEQ			\$450,914
ROAD-LI-SHORELINE-02	Shoreline Drive	Shoreline Drive	END	Gravel	0.21	Rural	0-49	6	8.1	7.0	73.0	ADEQ			\$110,119
ROAD-LI-SHOULDICE-02	Shouldice Lake Road	Shouldice Lake Road	Hope Drive	Gravel	0.63	Rural	0-49	6	8.3	6.0	70.6	ADEQ			\$336,338

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Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-LI-SILVERSI-01	Silversides Point Road	Bradley Drive	END	Gravel	0.90	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$482,898
ROAD-LI-TAMMYS-01	Tammys Cove Road	East Road	Cottage Cove Road	LCB	1.02	Rural	50-199	6	9.8	7.0	90.0	ADEQ			\$578,846
ROAD-LI-THEBURY-08	The Bury Road	END	Clarke's Road	Gravel	1.23	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$657,407
ROAD-LI-THEBURY-09	The Bury Road	Clarke's Road	The Bury Road	Gravel	0.84	Rural	0-49	6	8.6	7.0	77.7	ADEQ			\$447,318
ROAD-SE-ADA-01	Ada Crescent	Dorcas Bay Road	END	Gravel	0.21	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$114,642
ROAD-SE-ADELAIDE-01	Adelaide Street	Head Street	END	Gravel	0.09	Semi-Urban	0-49	6	9.1	7.0	81.4	ADEQ			\$48,075
ROAD-SE-BAISE-01	Baise Avenue	Warner Bay Road	Hatt Street	LCB	0.79	Rural	50-199	6	9.7	6.0	82.9	ADEQ			\$450,073
ROAD-SE-BAISE-02	Baise Avenue	Hatt Street	END	Gravel	0.80	Rural	50-199	6	8.9	7.0	79.6	ADEQ			\$429,186
ROAD-SE-BAY-02	Bay Street South	Bay Street South	Brock Street	HCB	0.22	Urban	200-499	6	9.9	7.0	90.4	ADEQ			\$269,291
ROAD-SE-BAY-03	Bay Street South	Brock Street	Earl Street	HCB	0.42	Semi-Urban	200-499	6	9.6	6.5	85.8	ADEQ			\$295,733
ROAD-SE-BAYSHOREN-01	Bay Shore Avenue North	Cape Hurd Road	END	LCB	0.66	Rural	0-49	6	9.6	7.0	85.9	ADEQ			\$372,829
ROAD-SE-BAYSHORES-01	Bay Shore Avenue South	Cape Hurd Road	END	LCB	1.03	Rural	0-49	6	9.1	7.0	81.9	ADEQ			\$585,876
ROAD-SE-BEACH-01	Beach Road	Cameron Lake Road	END	Gravel	0.42	Rural	0-49	6	8.9	7.0	79.6	ADEQ			\$225,159
ROAD-SE-BELROSE-01	Belrose Road	Warner Bay Road	END	Gravel	0.50	Rural	0-49	6	8.5	7.0	76.8	ADEQ			\$265,527
ROAD-SE-BORDEN-01	Borden Drive	Dorcas Bay Road	END	LCB	1.16	Rural	50-199	6	9.7	7.0	87.2	ADEQ			\$656,299
ROAD-SE-BROCK-01	Brock Street	Nicholas Street	Head Street	HCB	0.16	Semi-Urban	200-499	5	9.8	8.0	93.3	ADEQ			\$115,536
ROAD-SE-BROCK-02	Brock Street	Head Street	Bay Street South	HCB	0.07	Semi-Urban	500-999	5	9.5	8.0	90.4	ADEQ			\$67,147
ROAD-SE-CAPEHURD-01	Cape Hurd Road	Highway 6	McArthur Road	LCB	2.05	Rural	200-499	5	9.6	6.5	83.9	ADEQ			\$1,168,312
ROAD-SE-DORCAS-04	Dorcas Bay Road	Borden Drive	Johnsons Harbour Road	LCB	3.29	Rural	200-499	5	9.6	6.0	81.6	ADEQ			\$1,873,607
ROAD-SE-EAGLE-01	Eagle Road	END	Warner Bay Road	LCB	3.67	Rural	50-199	6	9.9	7.0	88.6	ADEQ			\$2,079,789
ROAD-SE-EAGLE-02	Eagle Road	Warner Bay Road	END	LCB	1.27	Rural	50-199	6	9.9	7.0	88.6	ADEQ			\$719,407
ROAD-SE-EARL-01	Earl Street	Harpur Drive	Bay Street South	LCB	0.10	Semi-Urban	200-499	5	9.4	7.0	84.6	ADEQ			\$57,883
ROAD-SE-ELGIN-01	Elgin Street	Grant Watson Drive	Harpur Drive	LCB	0.24	Semi-Urban	200-499	5	9.6	7.0	85.9	ADEQ			\$137,786
ROAD-SE-HARPUR-02	Harpur Drive	Earl Street	Elgin Street	LCB	0.54	Urban	200-499	5	9.6	6.0	81.6	ADEQ			\$659,710
ROAD-SE-HATT-01	Hatt Street	Baise Avenue	END	LCB	0.67	Rural	50-199	6	9.7	7.0	87.2	ADEQ			\$382,566
ROAD-SE-HEAD-02	Head Street	Brock Street	Harpur Drive	HCB	0.27	Rural	200-499	5	9.8	8.0	93.5	ADEQ			\$189,051
ROAD-SE-HIDDEN-01	Hidden Valley Road	Highway 6	END	Gravel	1.43	Rural	0-49	6	8.5	6.0	72.4	ADEQ			\$766,951
ROAD-SE-HURONDR-01	Huron Drive	Dorcas Bay Road	END	Gravel	1.59	Rural	50-199	6	8.9	6.0	75.3	ADEQ			\$852,689
ROAD-SE-INDIAN-01	Indian Harbour Road	Warner Bay Road	Indian Harbour Road	Gravel	1.15	Rural	0-49	6	10.0	7.0	89.9	ADEQ			\$614,931
ROAD-SE-JOHNS-01	Johns Lane	Dunks Bay Road	Johns Lane	Gravel	0.32	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$171,173

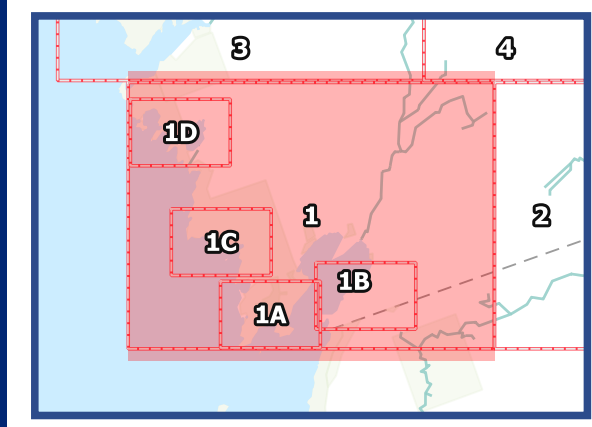
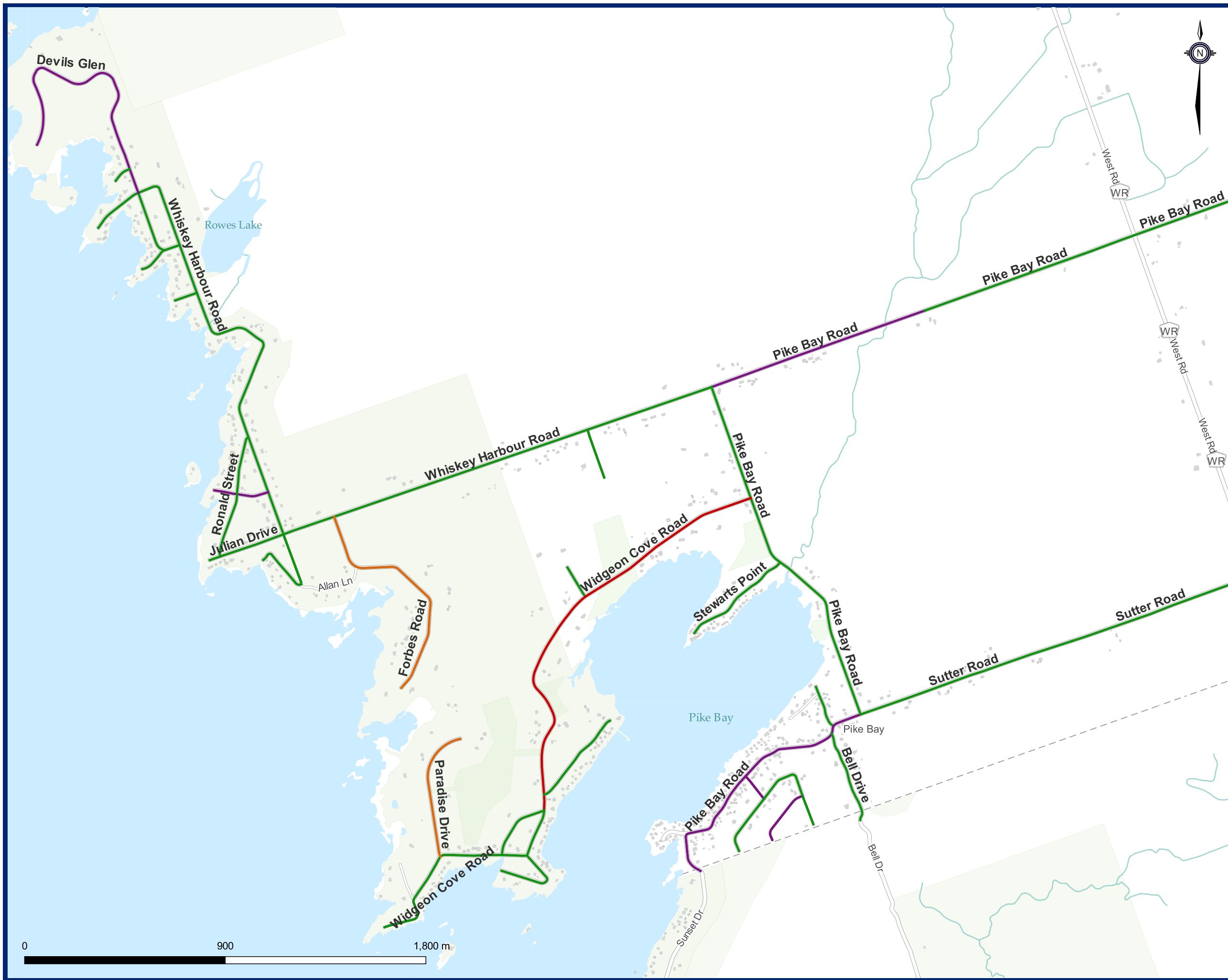
Appendix B
Northern Bruce Peninsula
PCI and Time of Need

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Replacement Value
ROAD-SE-JOHNSONS-01	Johnsons Harbour Road	Highway 6	Johnsons Harbour Road	LCB	2.08	Rural	200-499	5	9.9	7.5	90.3	ADEQ			\$1,181,739
ROAD-SE-JOHNSONS-02	Johnsons Harbour Road	Johnsons Harbour Road	Johnsons Harbour Road	LCB	3.05	Rural	200-499	5	9.9	7.5	90.3	ADEQ			\$1,736,889
ROAD-SE-JOHNSONS-03	Johnsons Harbour Road	Johnsons Harbour Road	Scugog Lane	LCB	1.44	Rural	200-499	5	9.7	7.0	87.2	ADEQ			\$819,795
ROAD-SE-JOHNSONS-04	Johnsons Harbour Road	Scugog Lane	Dorcas Bay Road	LCB	0.33	Rural	200-499	5	9.7	7.0	87.2	ADEQ			\$188,079
ROAD-SE-LLOYD-01	Lloyd Drive	Hatt Street	Baise Avenue	Gravel	0.37	Rural	0-49	6	8.8	7.0	78.6	ADEQ			\$196,215
ROAD-SE-LTCOVE-01	Little Cove Road	Highway 6	Little Cove Road	Gravel	2.12	Rural	50-199	6	8.9	7.0	79.6	ADEQ			\$1,134,401
ROAD-SE-MAPLEGOLF-01	Maple Golf Crescent	Highway 6	Maple Golf Crescent	LCB	1.50	Semi-Urban	50-199	6	9.6	6.5	83.9	ADEQ			\$850,894
ROAD-SE-MATHESON-01	Matheson Drive	Simpson Avenue	END	HCB	1.04	Rural	0-49	6	9.9	8.5	95.0	ADEQ			\$728,995
ROAD-SE-MCARTHUR-01	McArthur Road	Warner Bay Road	Cape Hurd Road	LCB	2.03	Rural	200-499	4	9.6	6.5	83.9	ADEQ			\$1,156,295
ROAD-SE-MUNN-01	Munn Drive	Cape Hurd Road	END	Gravel	0.51	Rural	0-49	6	8.6	6.5	75.7	ADEQ			\$272,161
ROAD-SE-ORCHID-01	Orchid Trail	END	Hatt Street	Gravel	0.36	Rural	0-49	6	8.6	6.5	75.7	ADEQ			\$192,479
ROAD-SE-PEDWELL-01	Pedwell Drive	Pedwell Point Drive	Dorcas Bay Road	Gravel	0.76	Rural	50-199	6	8.9	7.0	79.6	ADEQ			\$405,613
ROAD-SE-PEDWELLPT-01	Pedwell Point Drive	Dorcas Bay Road	Julilu Way	Gravel	1.20	Rural	50-199	6	8.5	6.0	72.4	ADEQ			\$642,396
ROAD-SE-PINETREE-01	Pine Tree Harbour Road	Lindsay Road 30	END	LCB	1.51	Rural	0-49	6	9.7	6.0	82.9	ADEQ			\$853,609
ROAD-SE-ROBERT-01	Robert Allen Drive	Dorcas Bay Road	Danny's Road	LCB	1.49	Rural	50-199	6	9.6	6.0	81.6	ADEQ			\$847,336
ROAD-SE-ROBERT-02	Robert Allen Drive	Danny's Road	Dorcas Bay Road	LCB	1.98	Rural	50-199	6	9.6	6.0	81.6	ADEQ			\$1,125,077
ROAD-SE-WILLOW-01	Willow Creek Crescent	Robert Allen Drive	Robert Allen Drive	LCB	0.72	Rural	0-49	6	9.6	6.0	81.6	ADEQ			\$409,266

Total Replacement Value: \$231,700,144

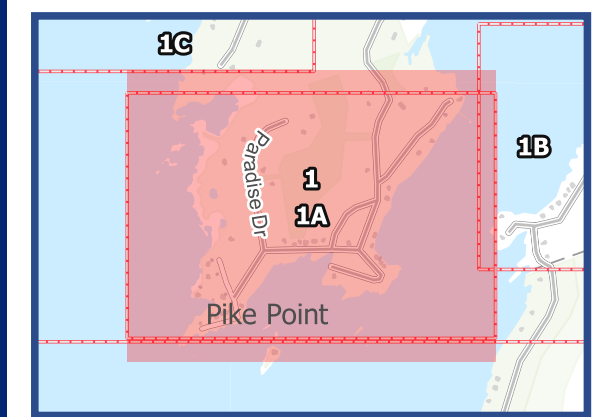
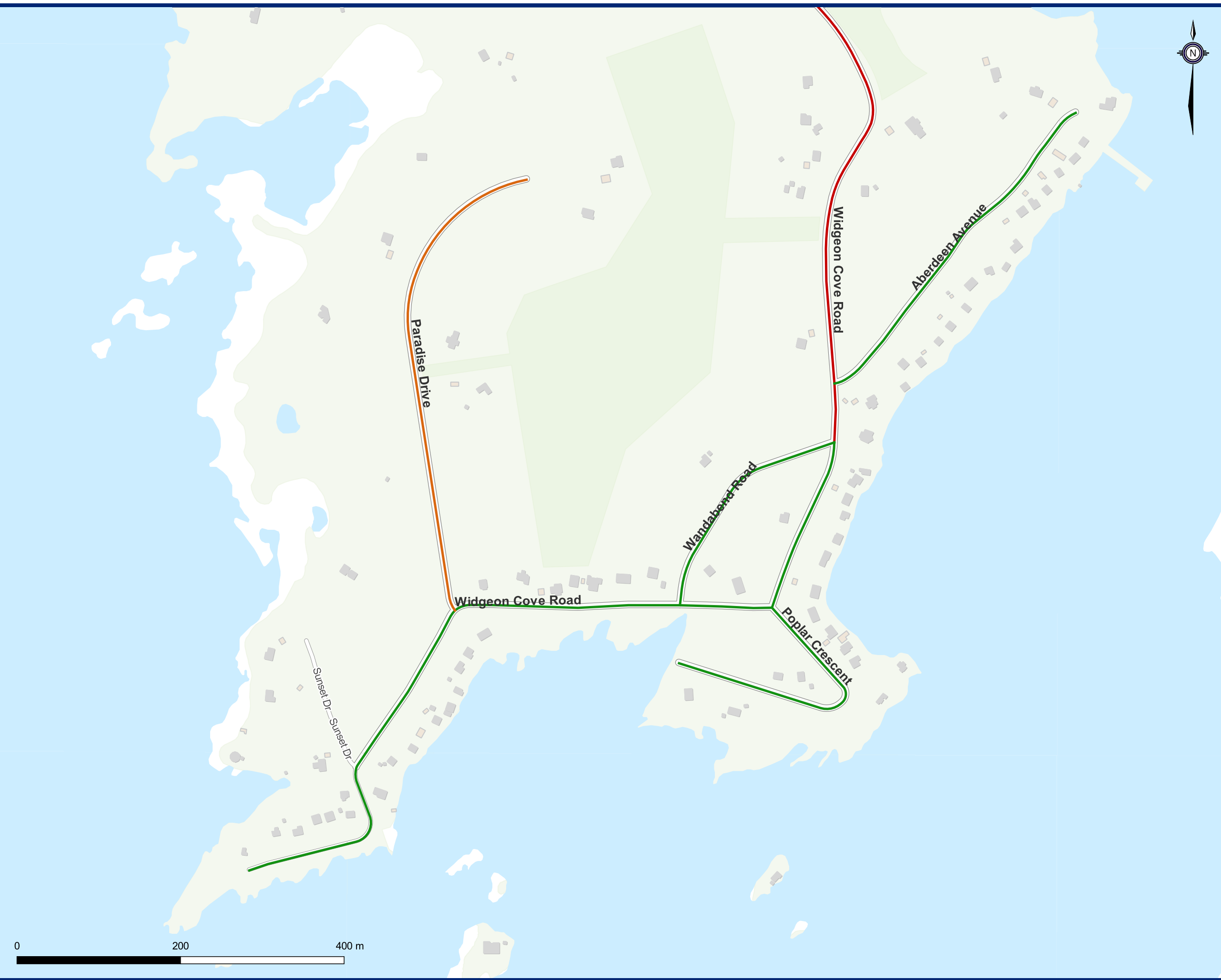


- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)
 - Poor (30.1-50)





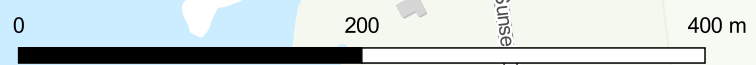
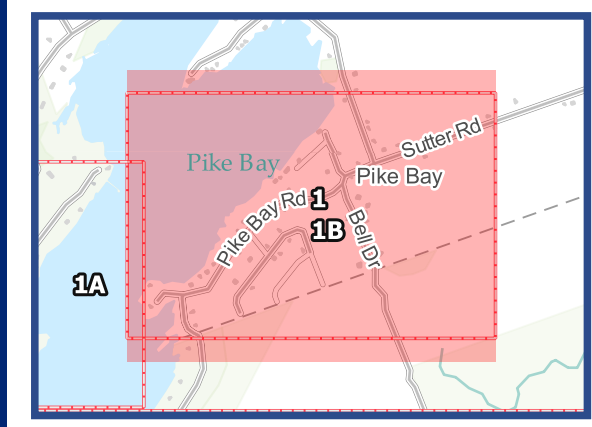
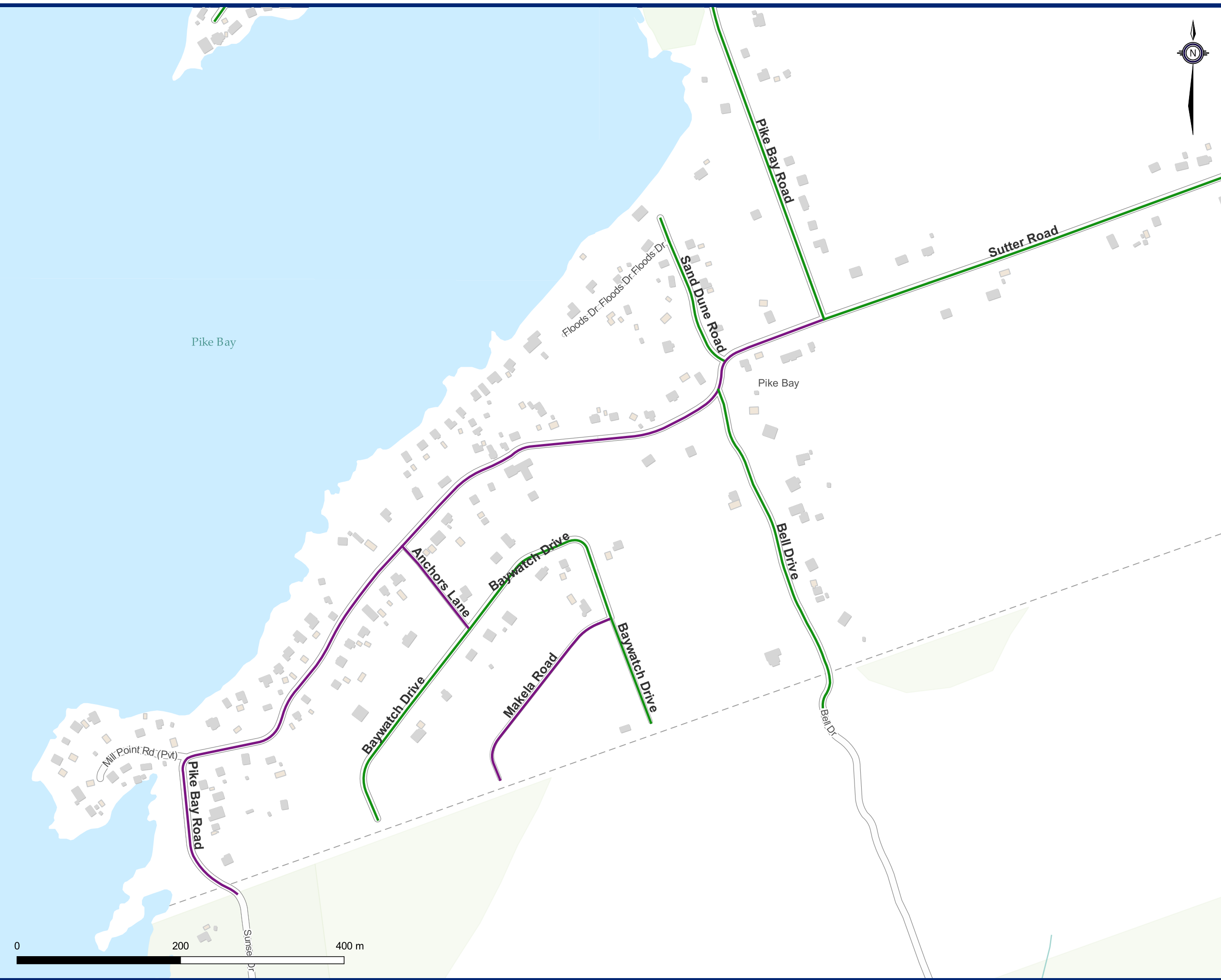
- Road PCI Score
- Good (70.1-80)
 - Fair (50.1-70)
 - Poor (30.1-50)





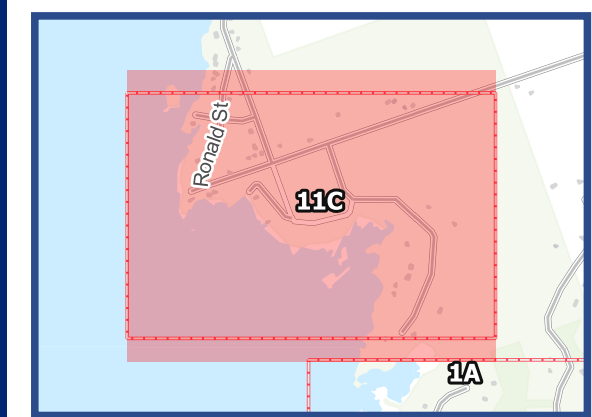
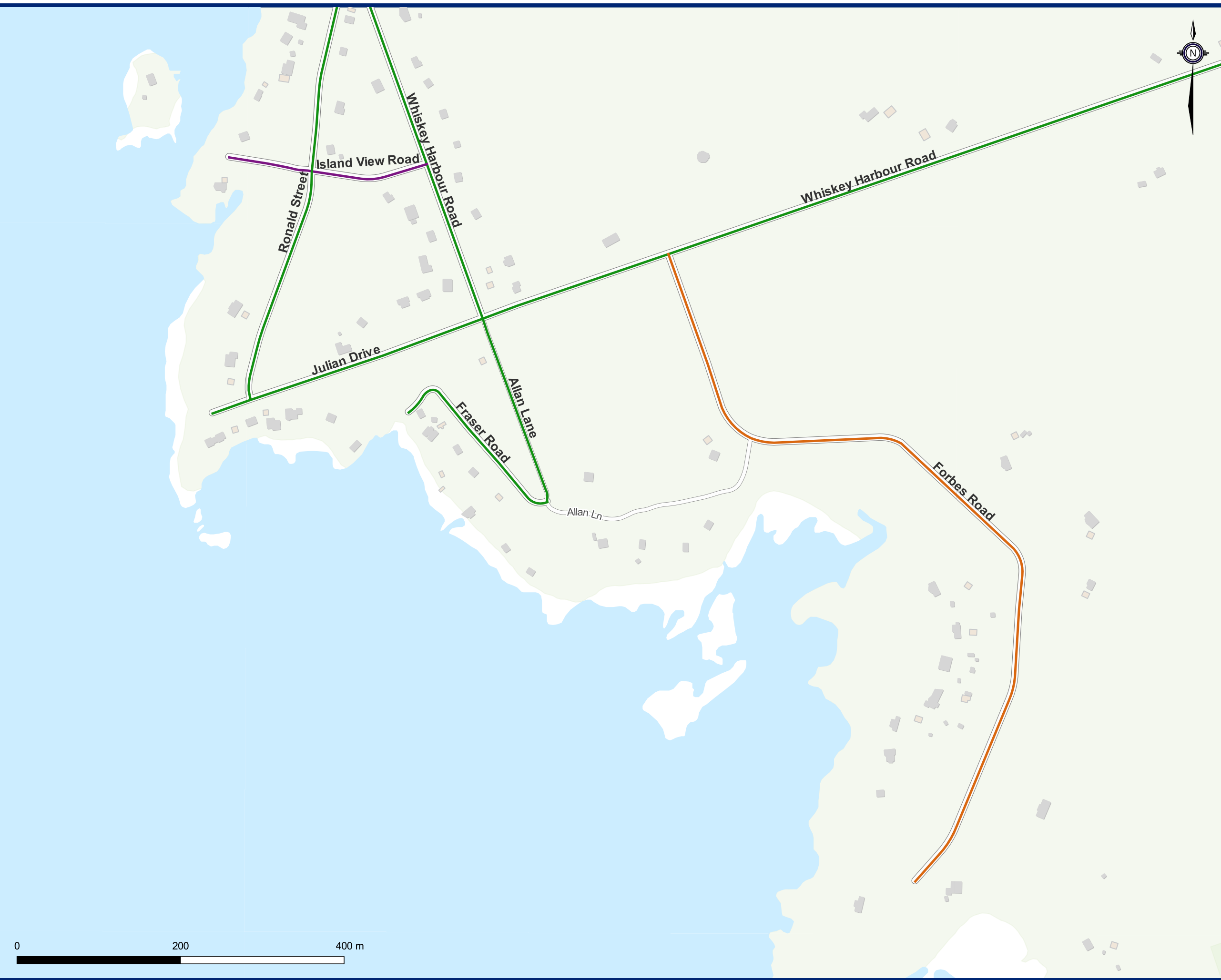
Road PCI Score

- Very Good (80.1-100)
- Good (70.1-80)





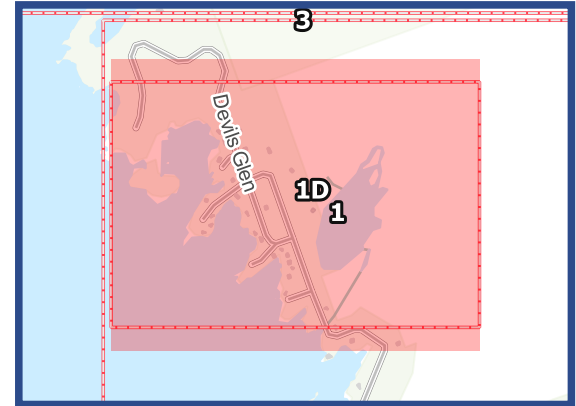
- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)





Northern Bruce Peninsula Roads & Sidewalk Needs Study

- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)



Northern Bruce Peninsula Road PCI Scores
Page: 1D

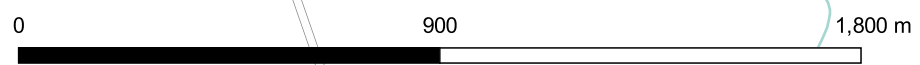
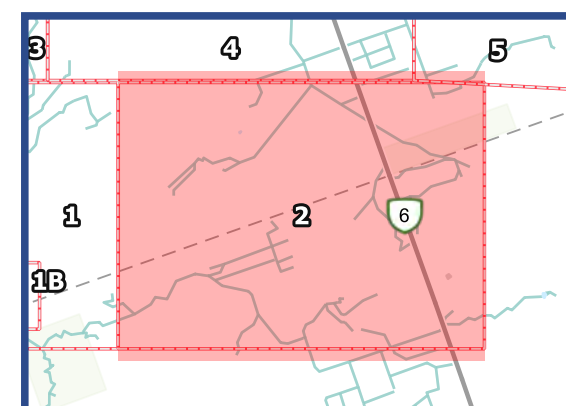
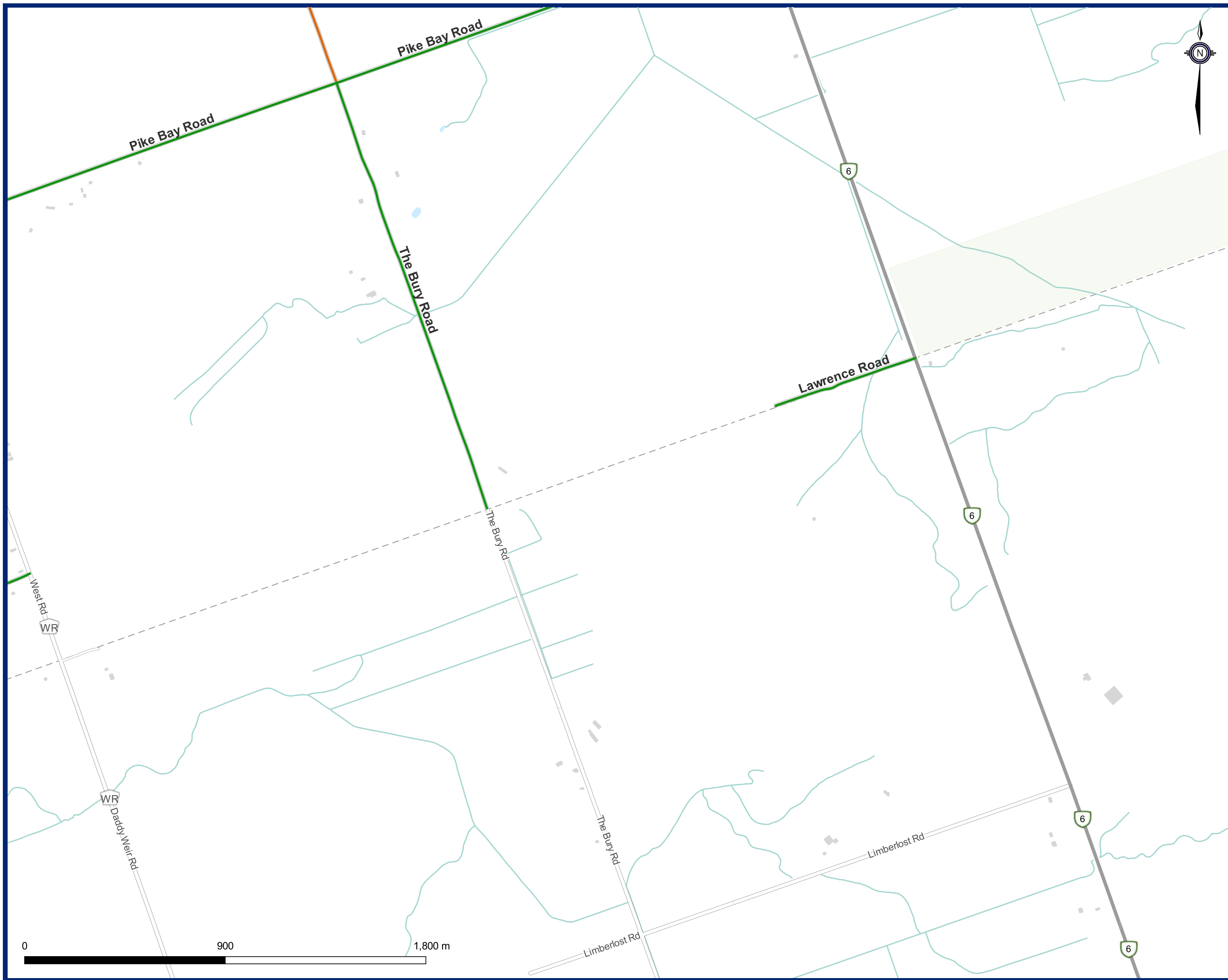




Road PCI Score

— Good (70.1-80)

— Fair (50.1-70)

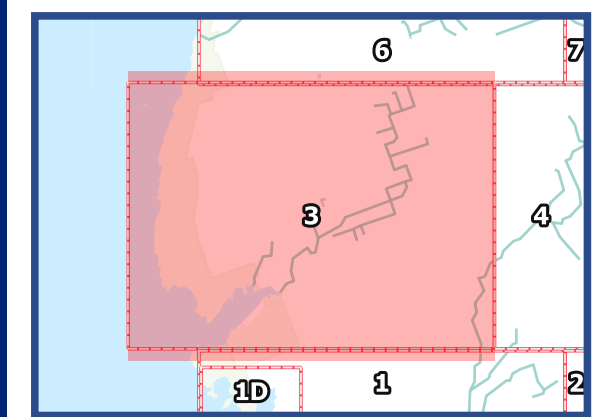
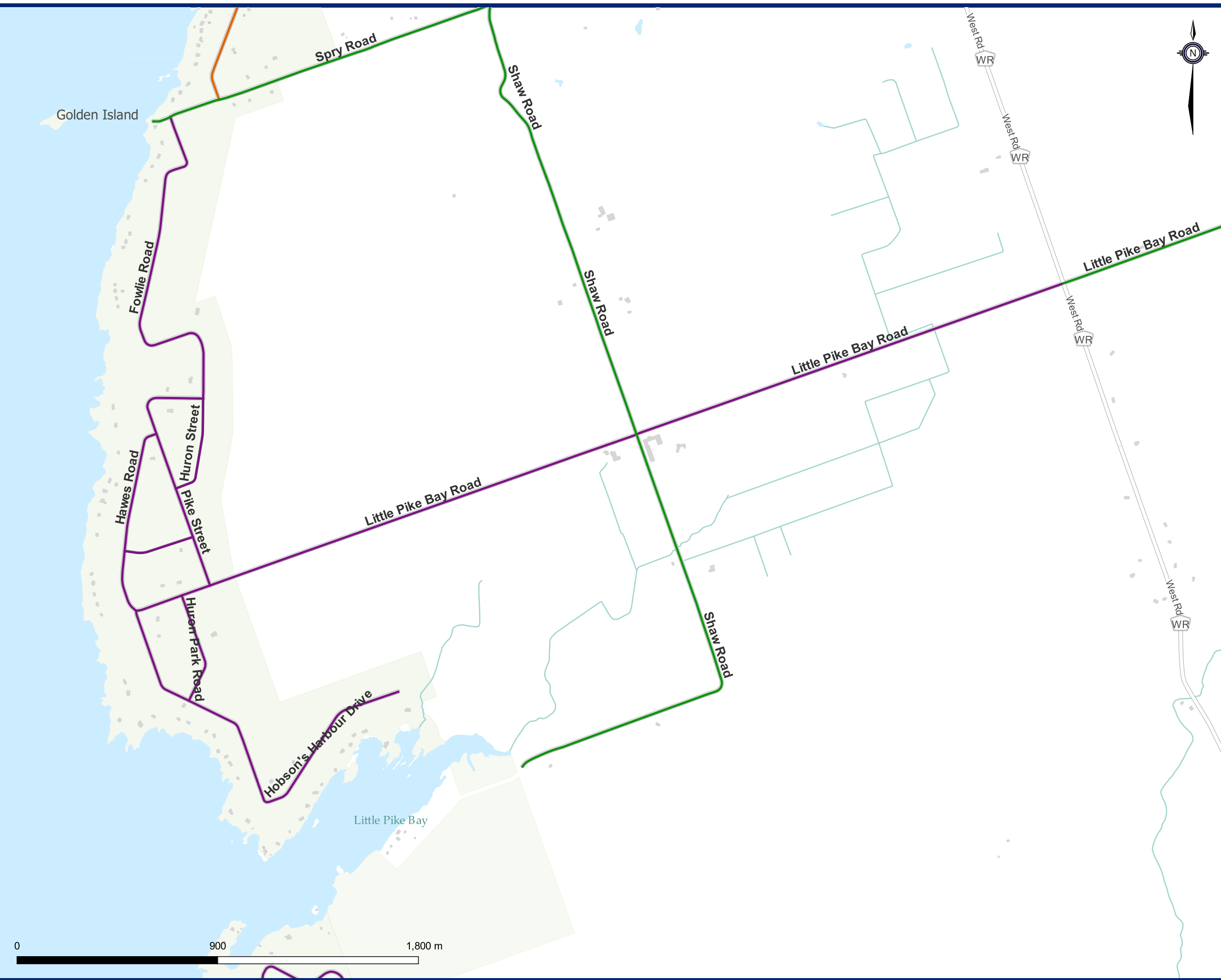


Northern Bruce Peninsula Road PCI Scores





- Road PCI Score
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 - Good (70.1-80)
 - Fair (50.1-70)

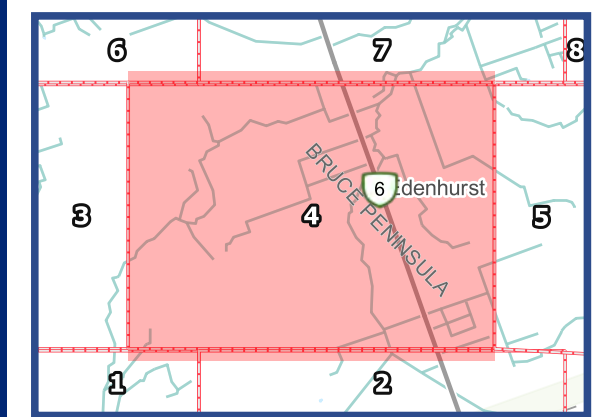
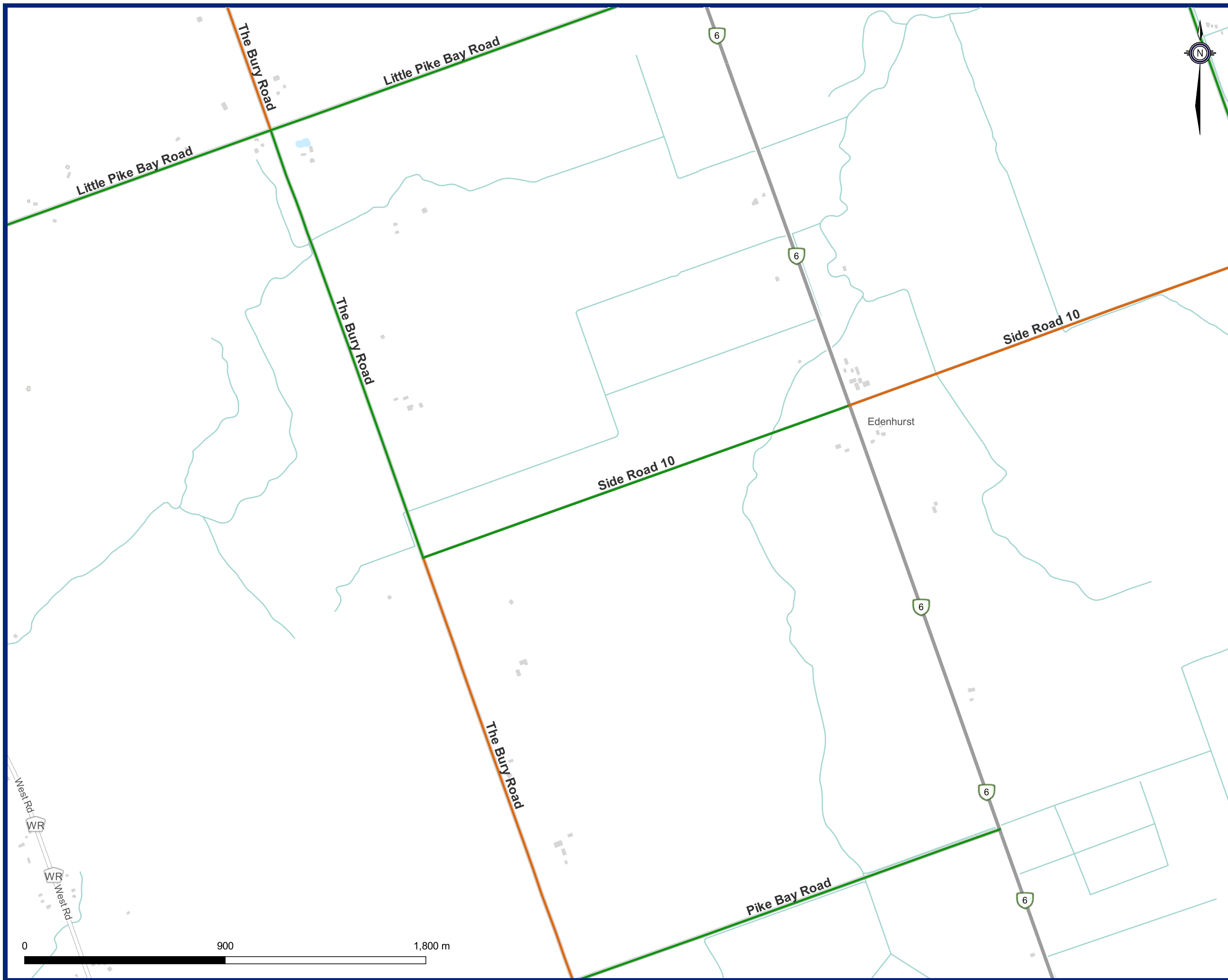




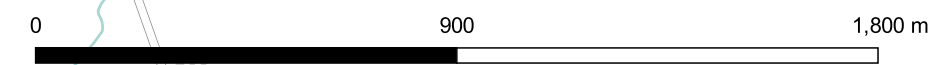
Road PCI Score

Good (70.1-80)

Fair (50.1-70)



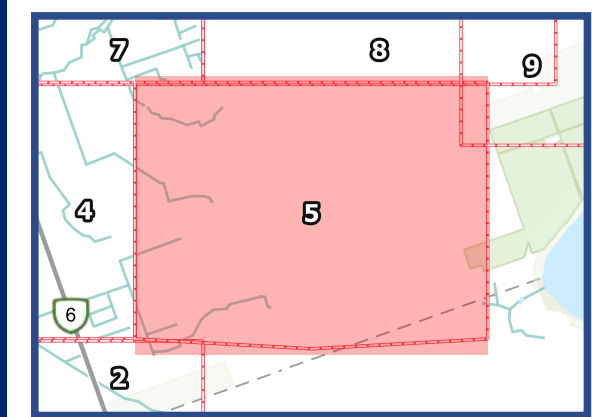
Northern Bruce Peninsula Road PCI Scores





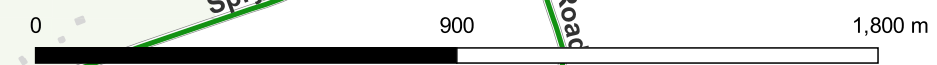
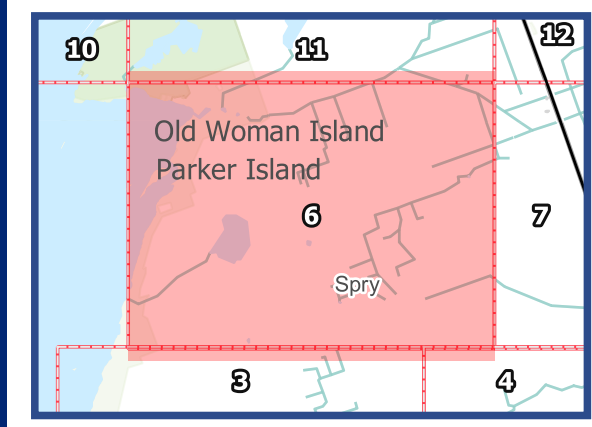
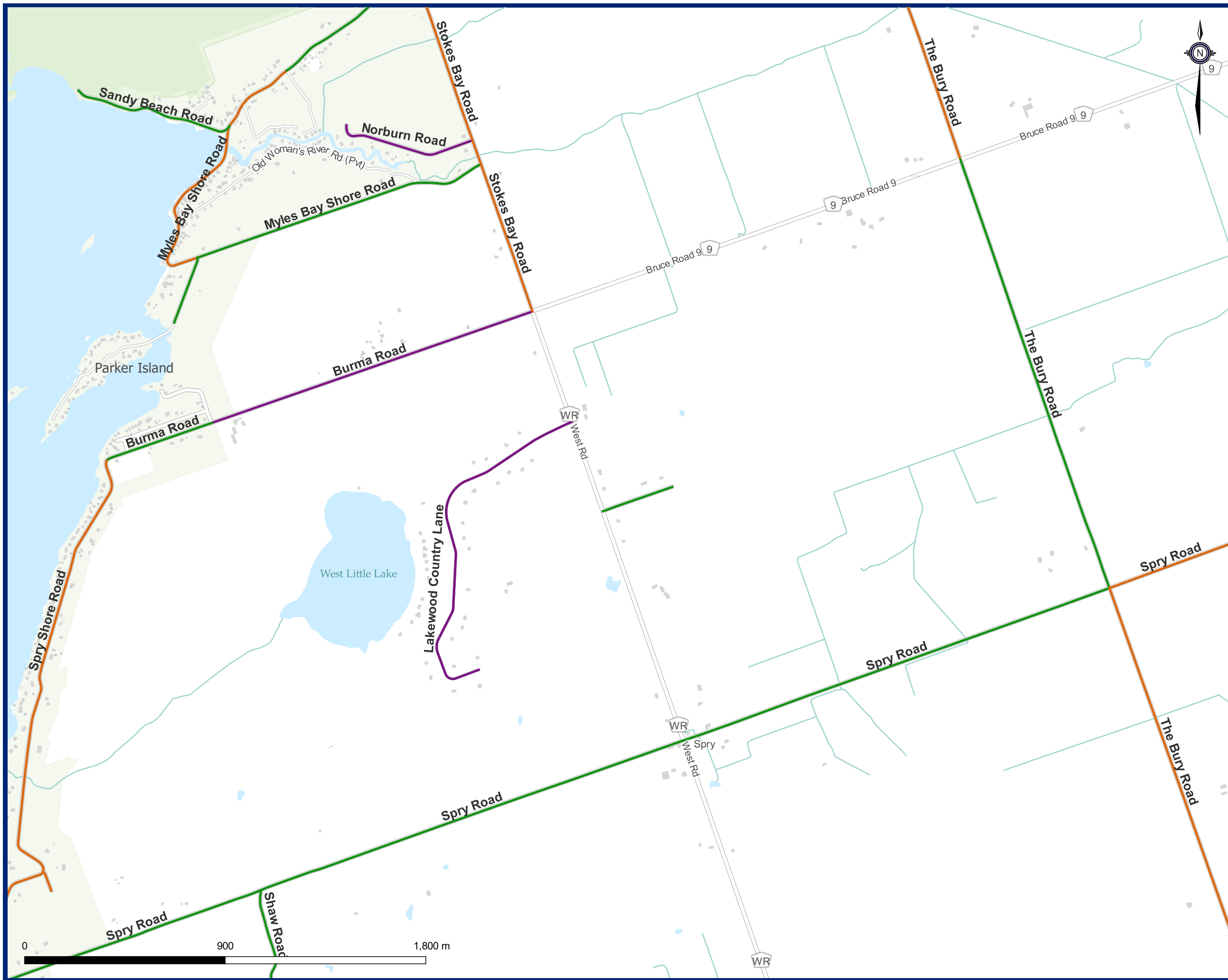
Road PCI Score

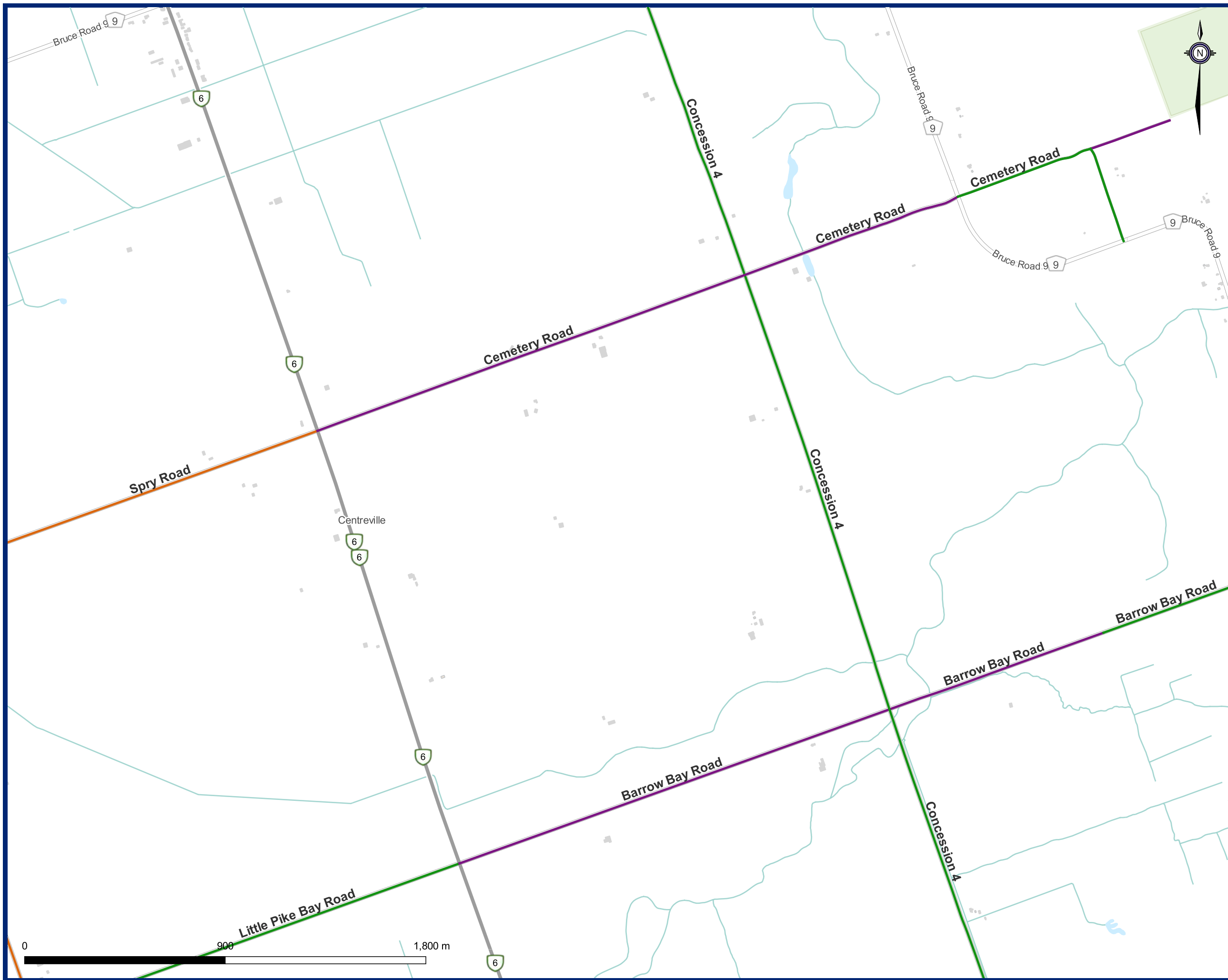
- Good (70.1-80)
- Fair (50.1-70)



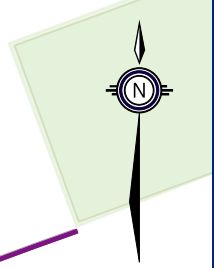
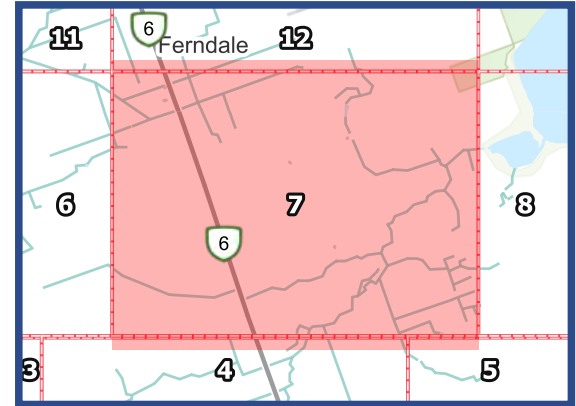


- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)





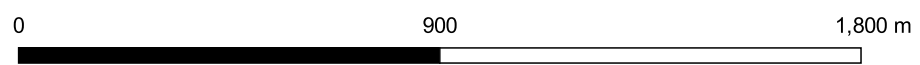
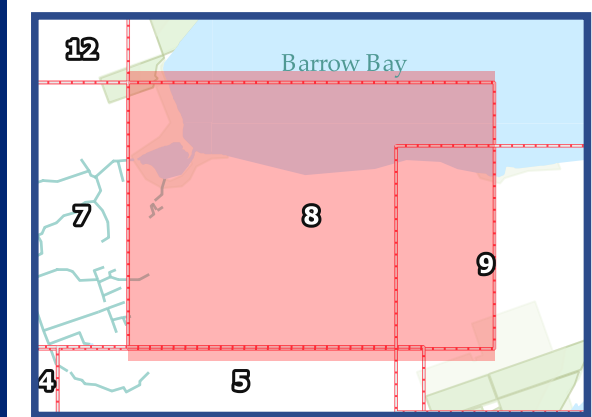
- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)





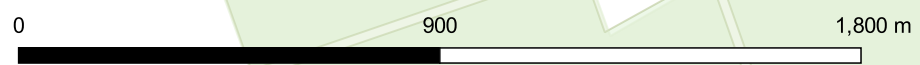
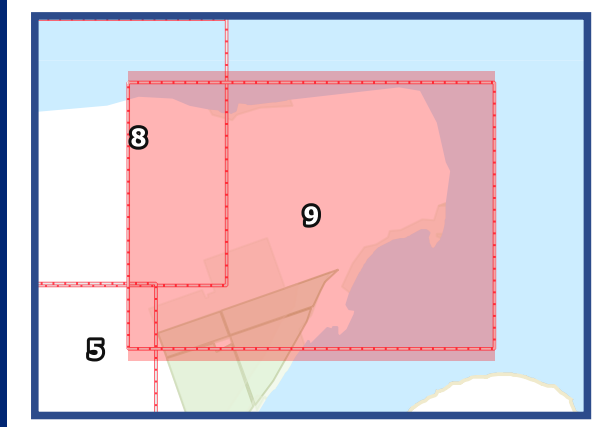
Road PCI Score

- Very Good (80.1-100)
- Good (70.1-80)
- Fair (50.1-70)





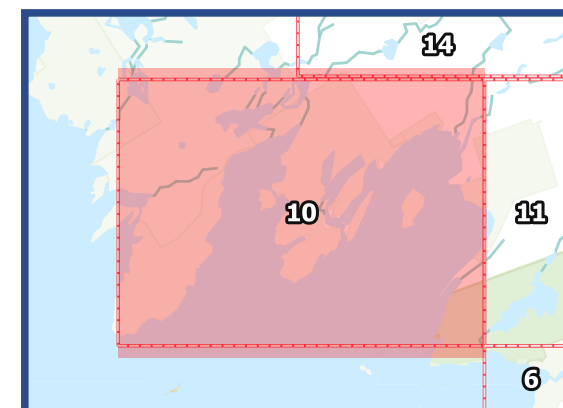
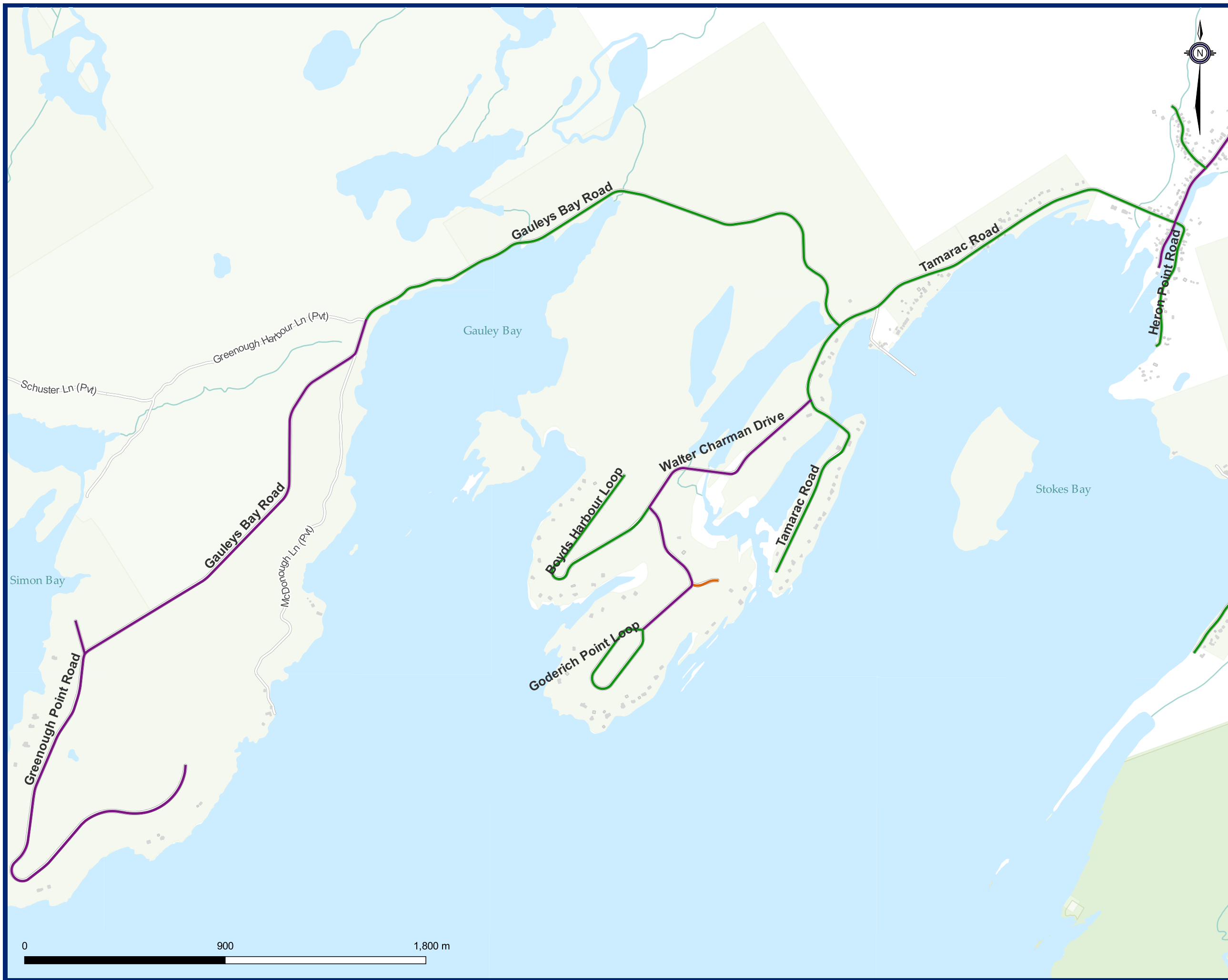
- Road PCI Score
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 - Good (70.1-80)
 - Fair (50.1-70)





Road PCI Score

- Very Good (80.1-100)
- Good (70.1-80)
- Fair (50.1-70)



Northern Bruce Peninsula Road PCI Scores

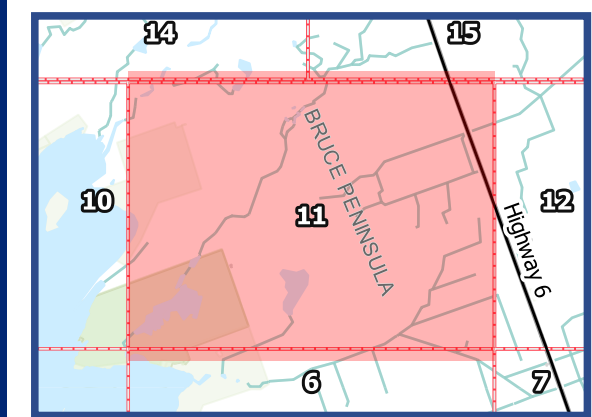
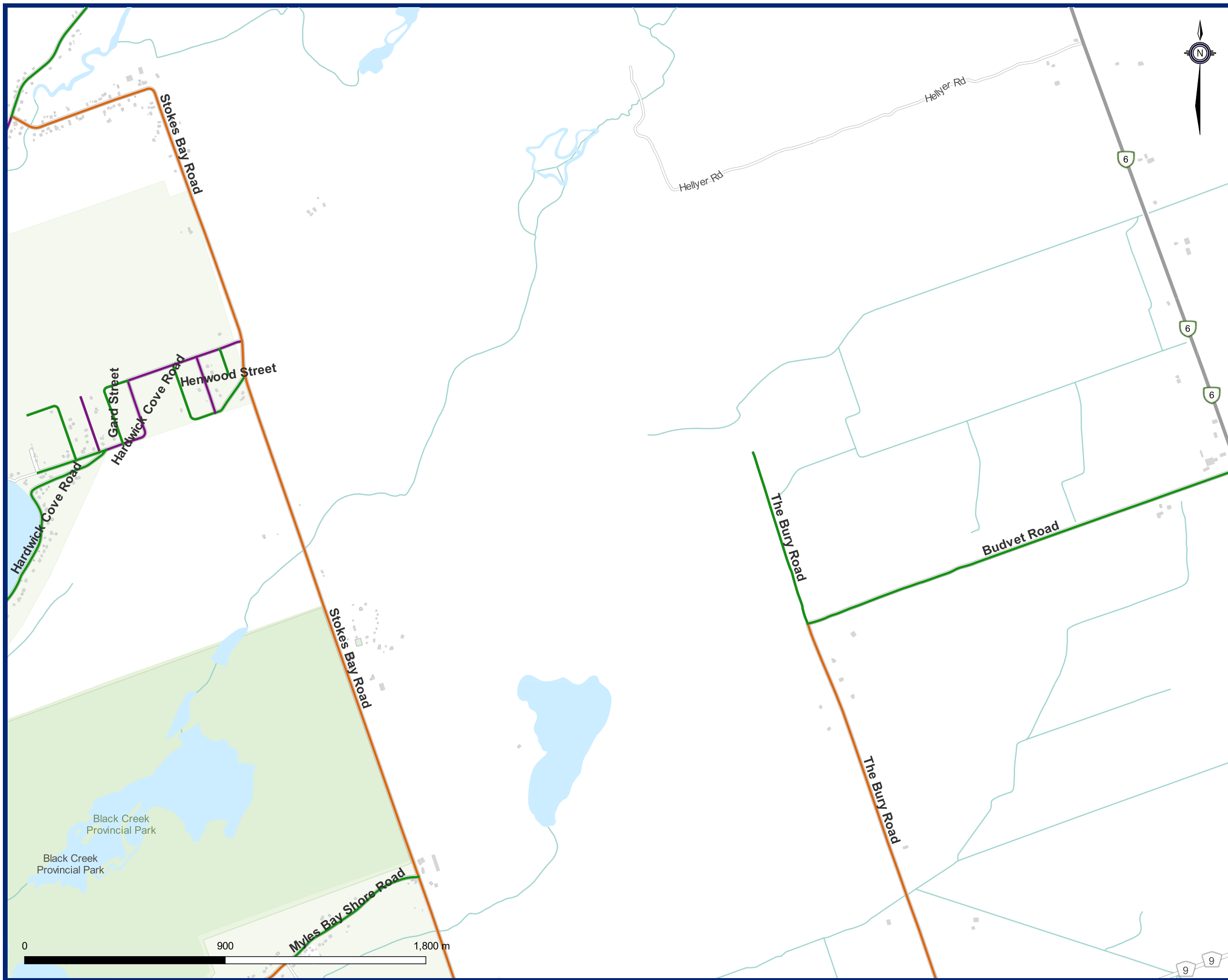




Northern Bruce Peninsula Roads & Sidewalk Needs Study



- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)

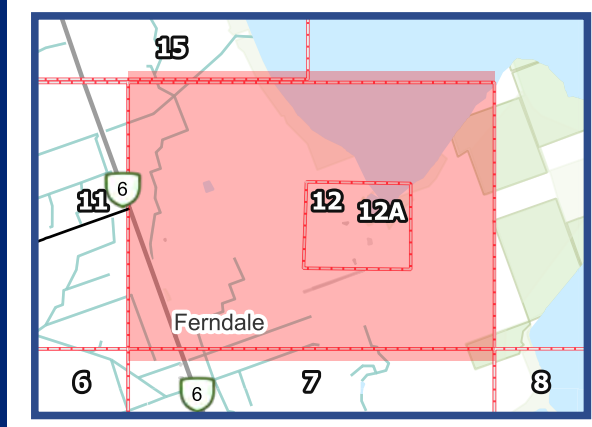
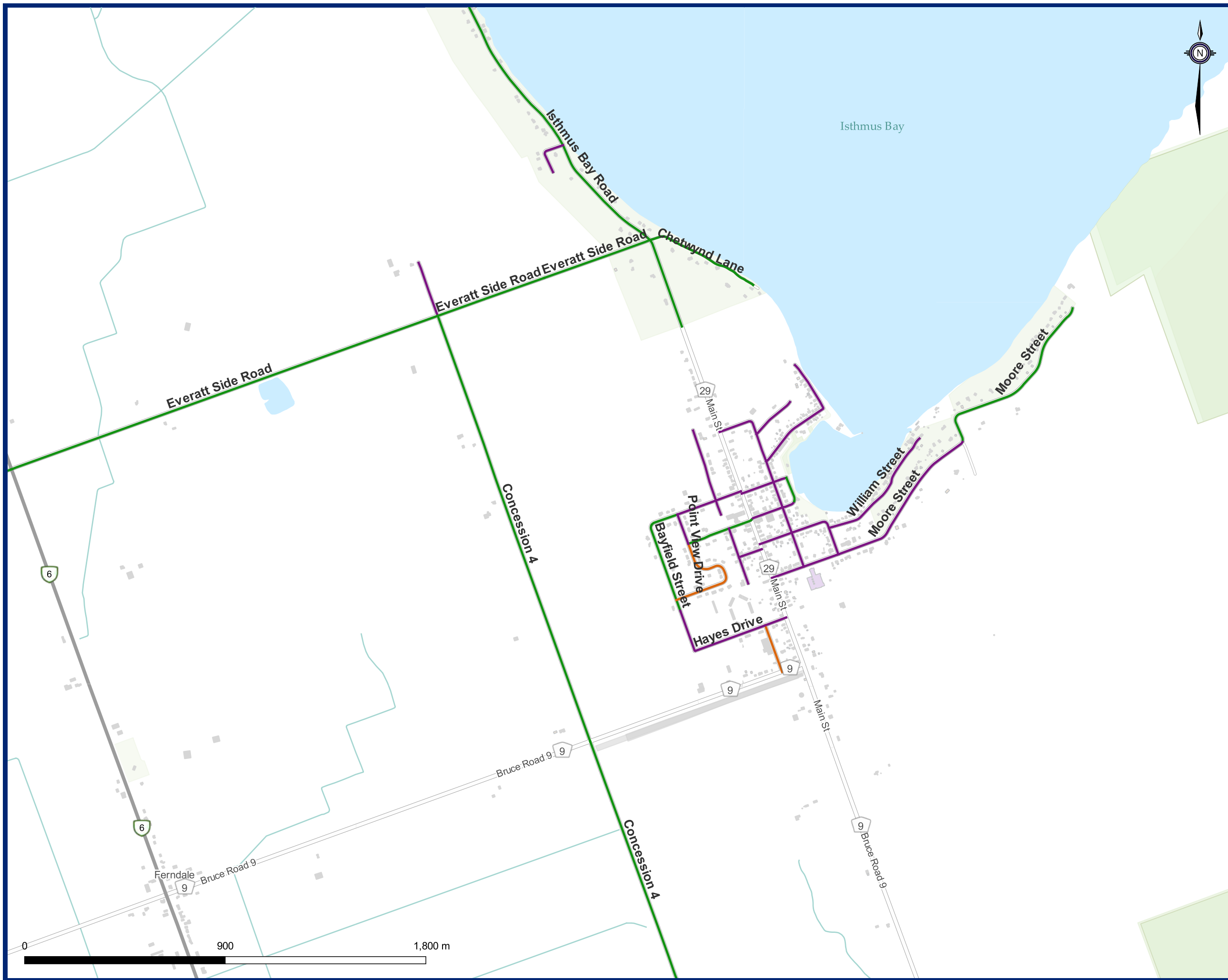


Northern Bruce Peninsula Road PCI Scores



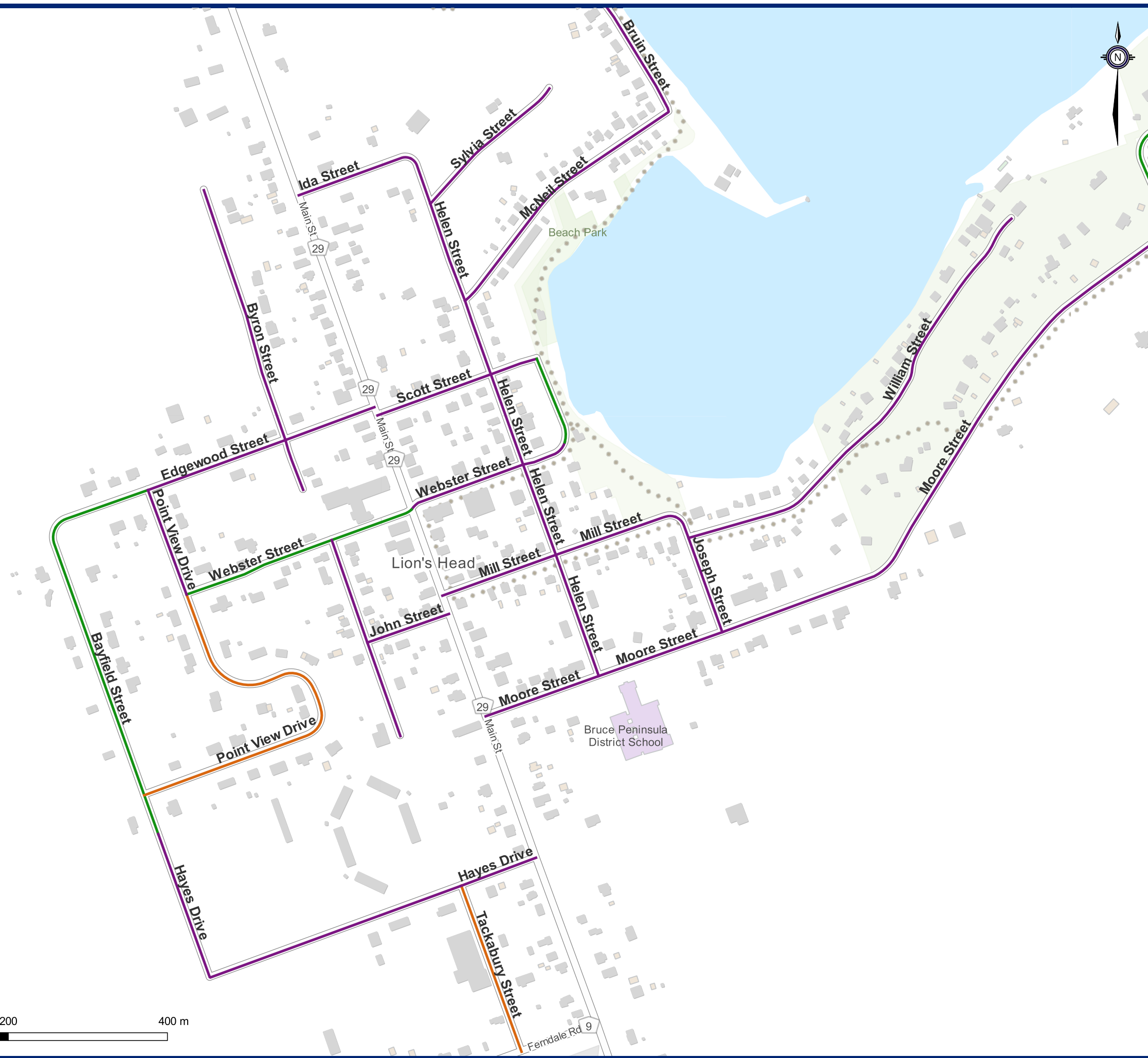


- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)

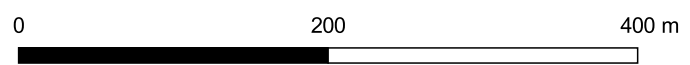
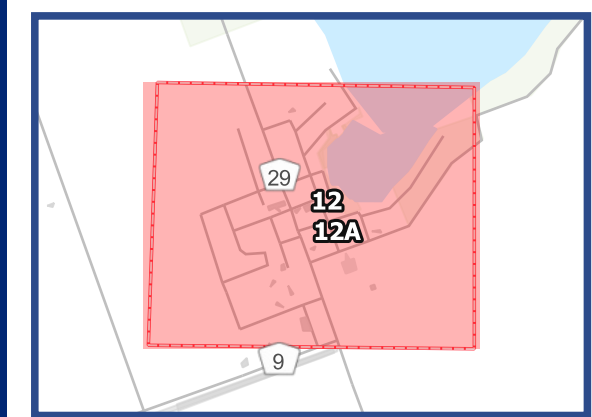


Northern Bruce Peninsula Road PCI Scores





- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)

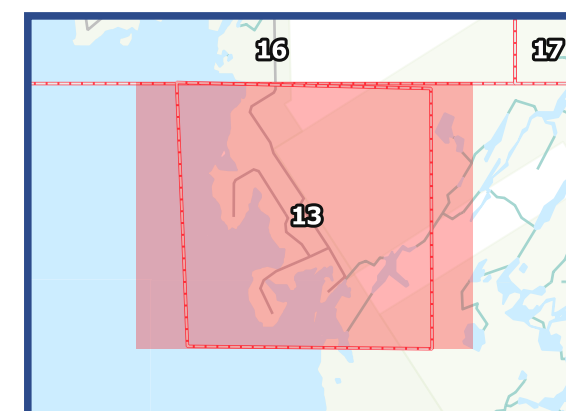
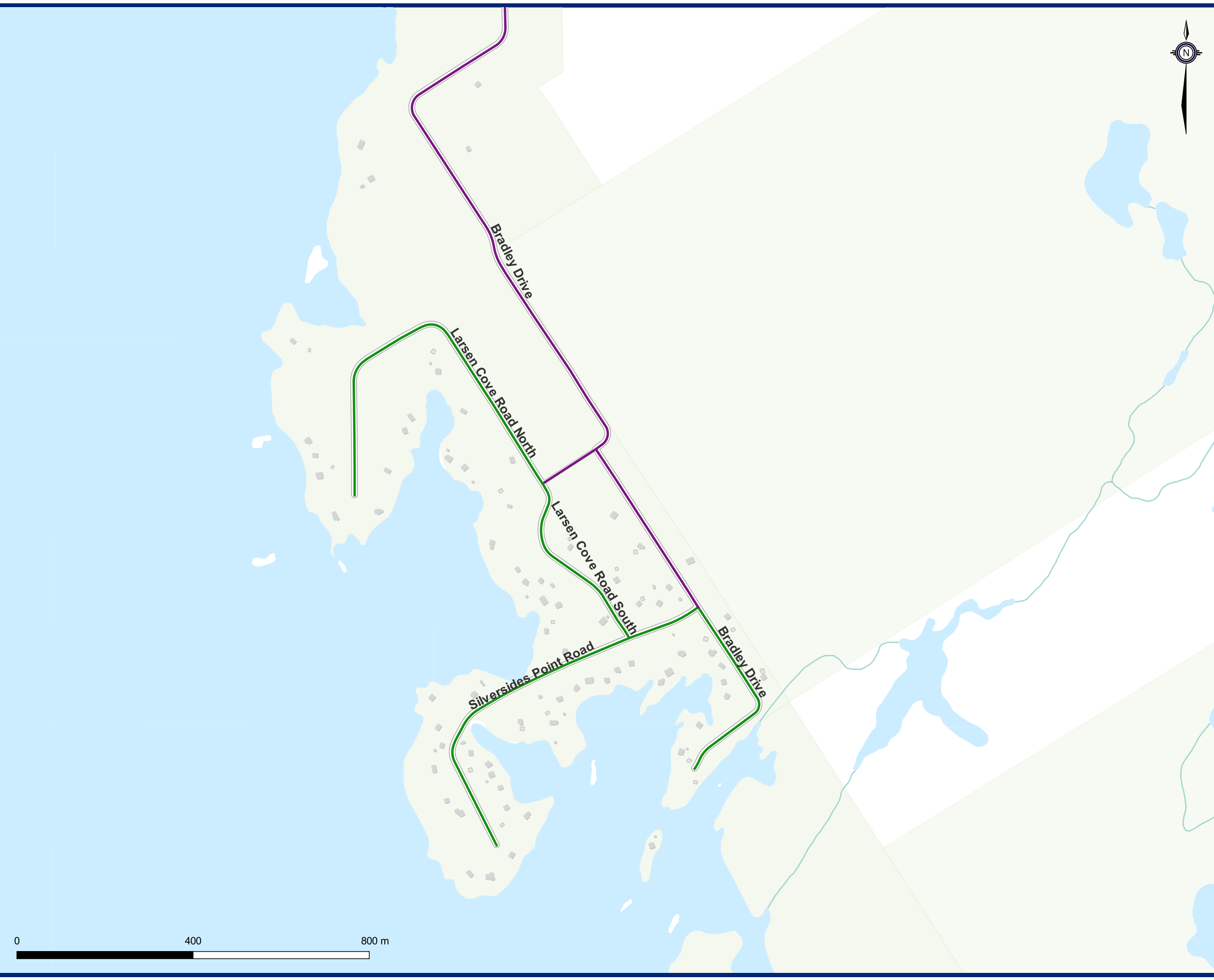




Road PCI Score

Very Good (80.1-100)

Good (70.1-80)



Northern Bruce Peninsula Road PCI Scores



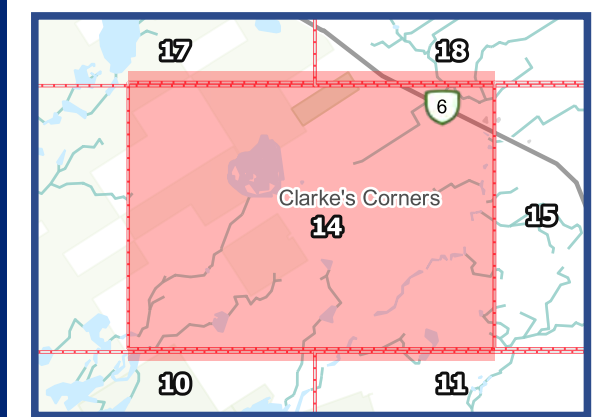
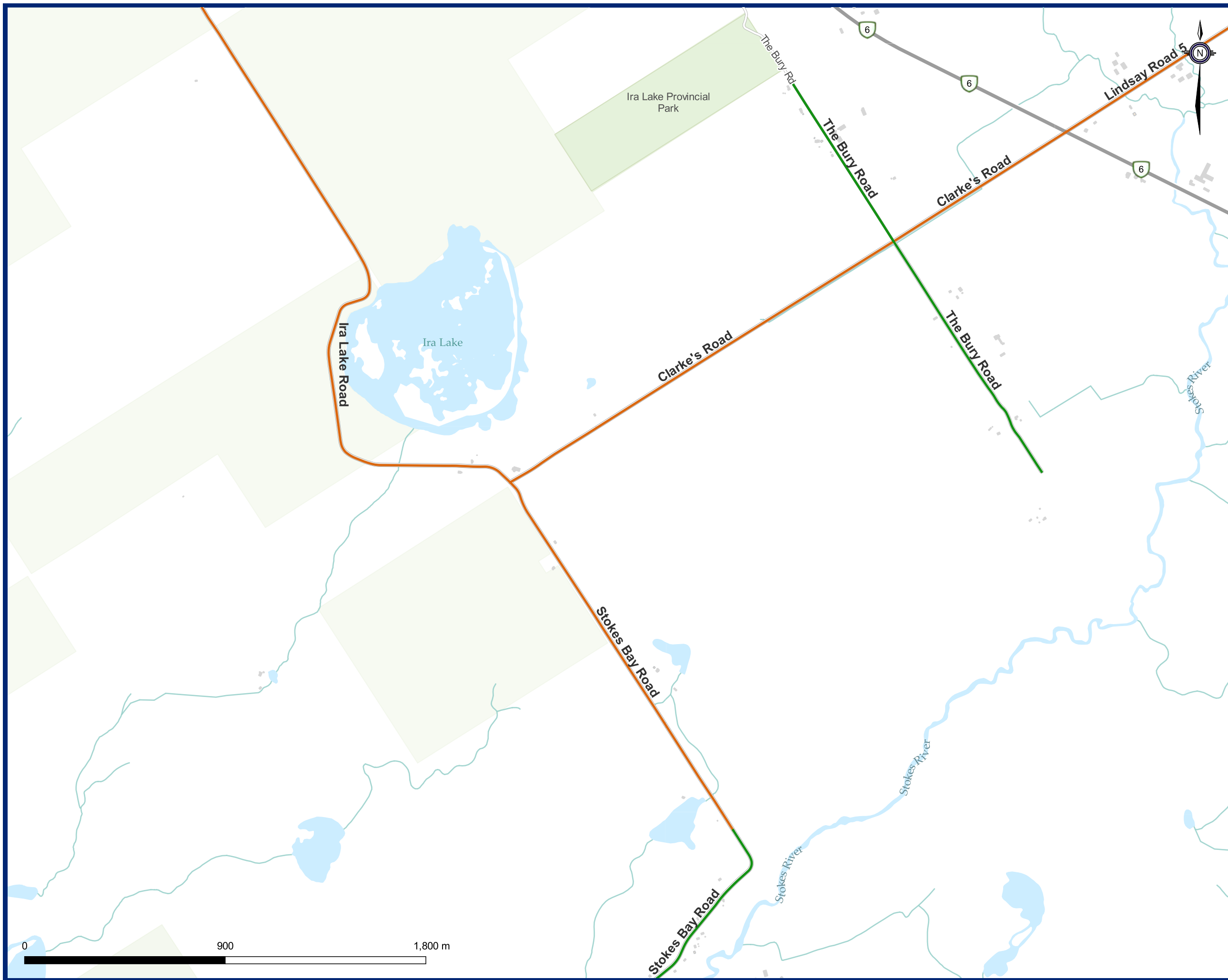


Northern Bruce Peninsula Roads & Sidewalk Needs Study

Road PCI Score

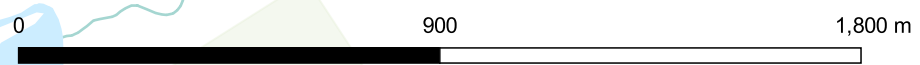
Good (70.1-80)

Fair (50.1-70)



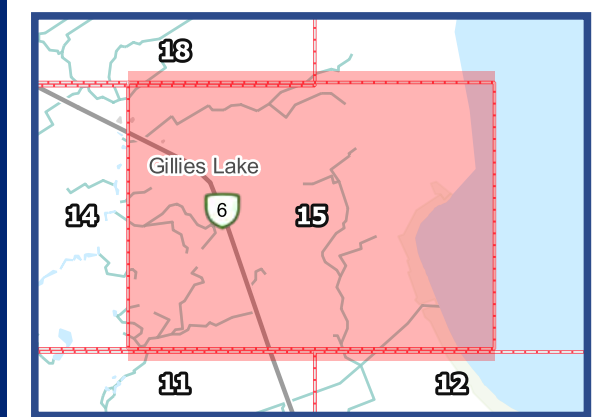
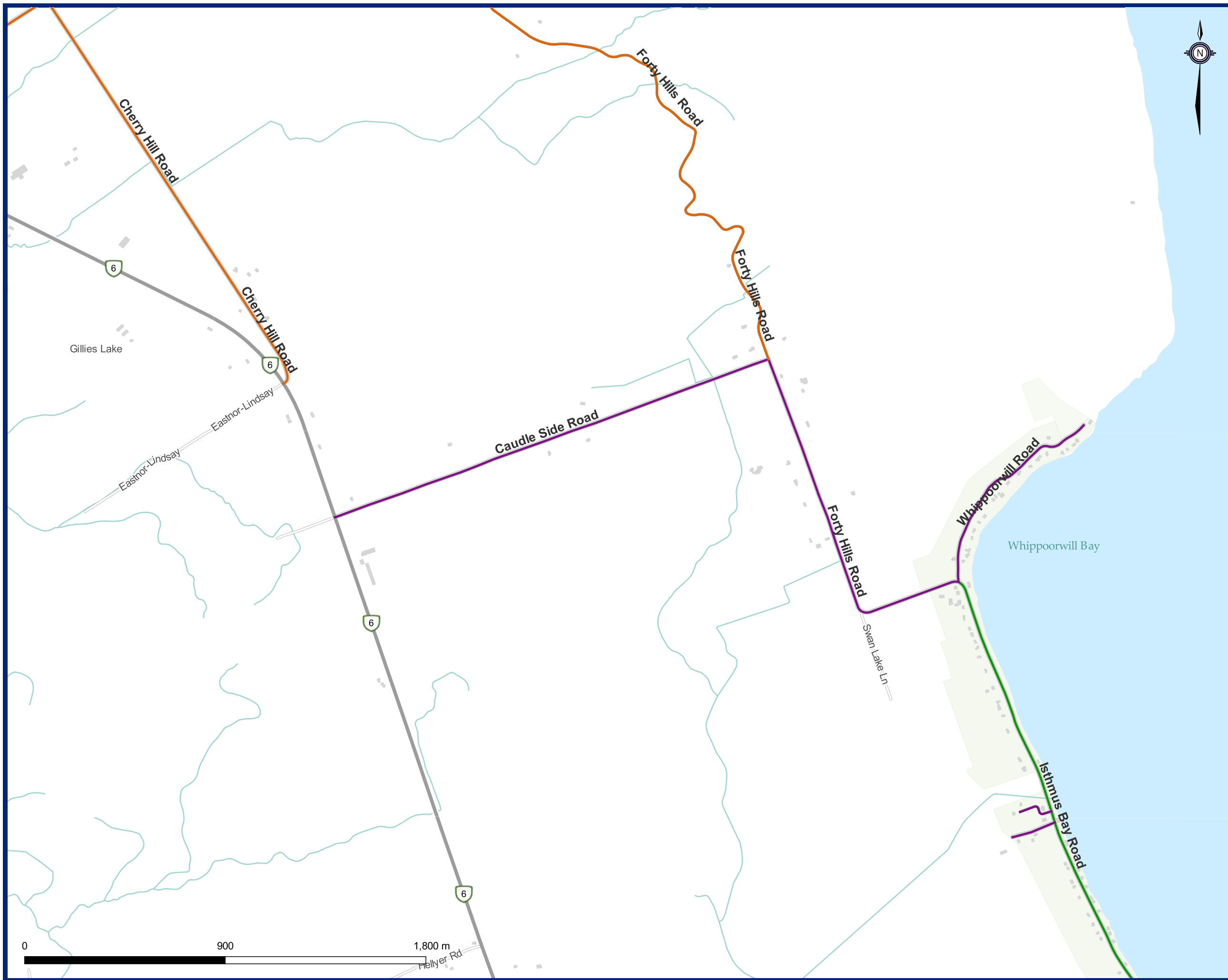
Northern Bruce Peninsula Road PCI Scores

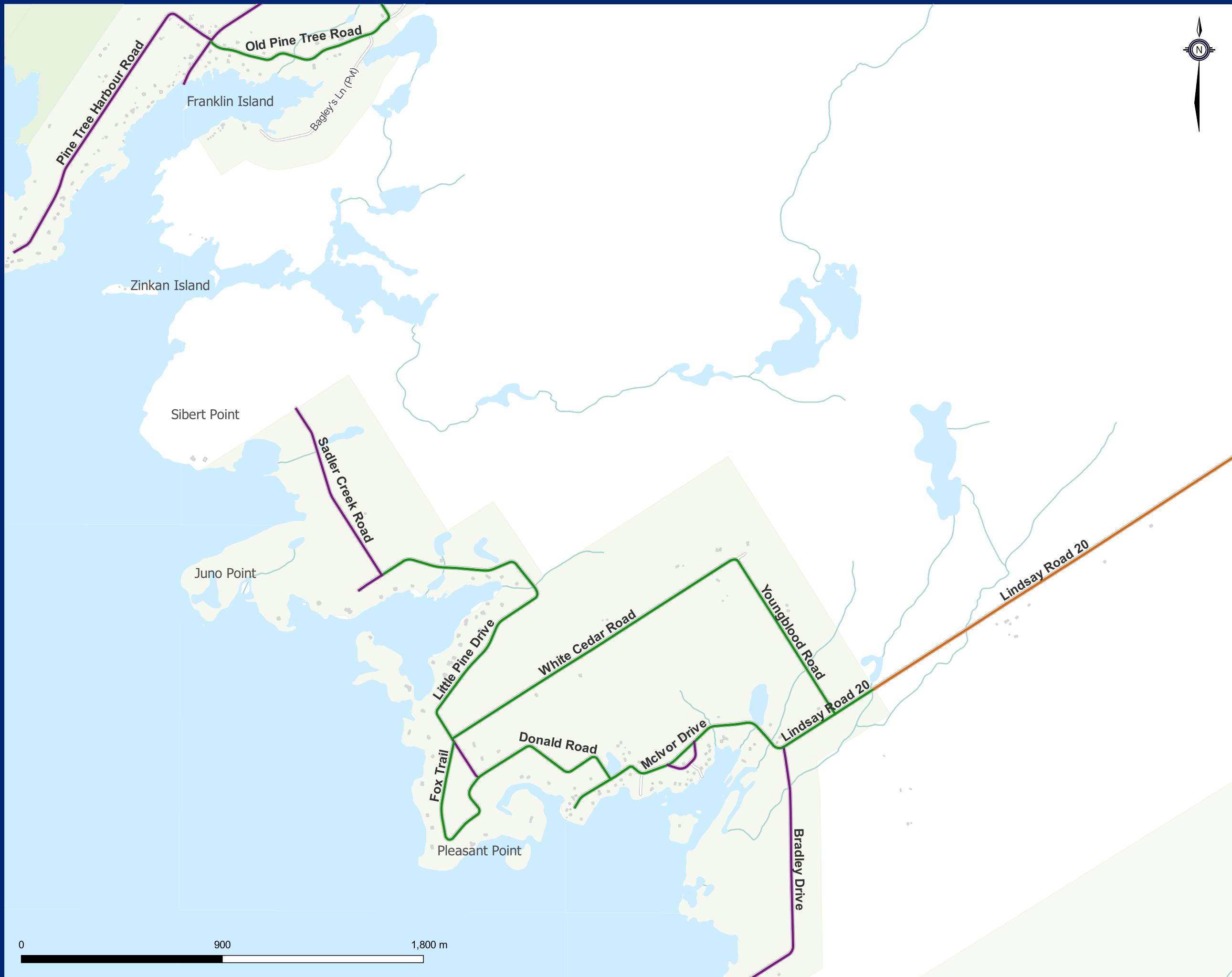
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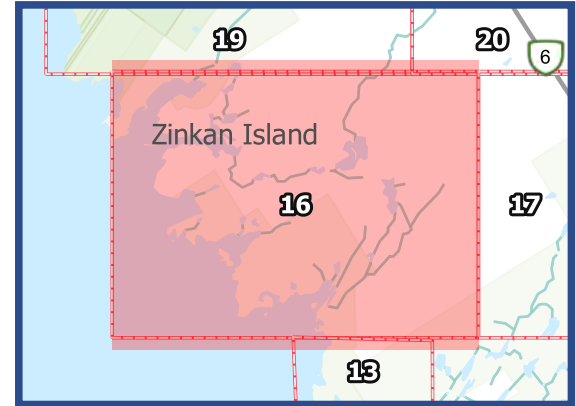


- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)





- Road PCI Score**
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)



Northern Bruce Peninsula Road PCI Scores

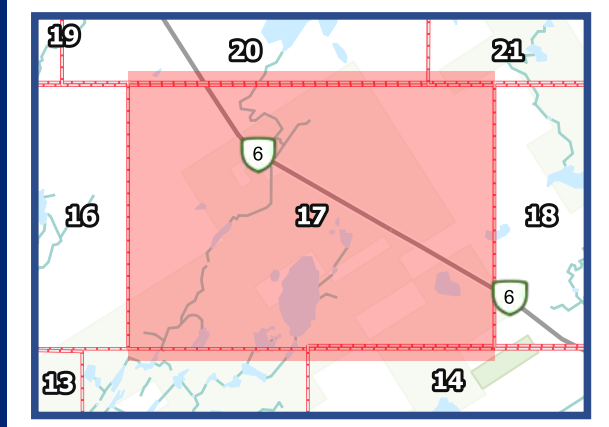
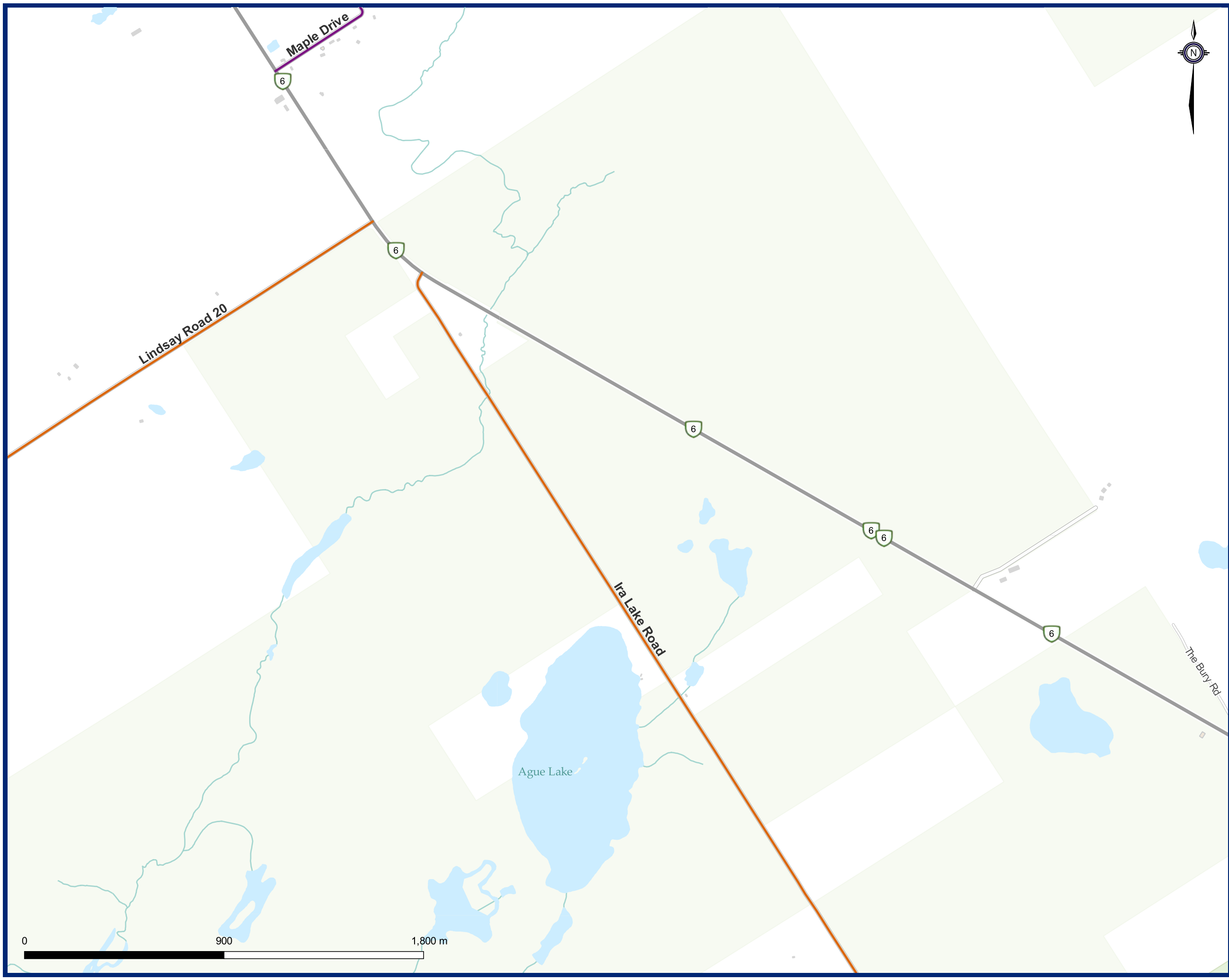




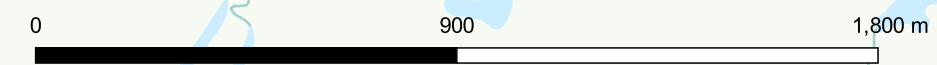
Northern Bruce Peninsula Roads & Sidewalk Needs Study



Road PCI Score
Very Good (80.1-100)
Fair (50.1-70)

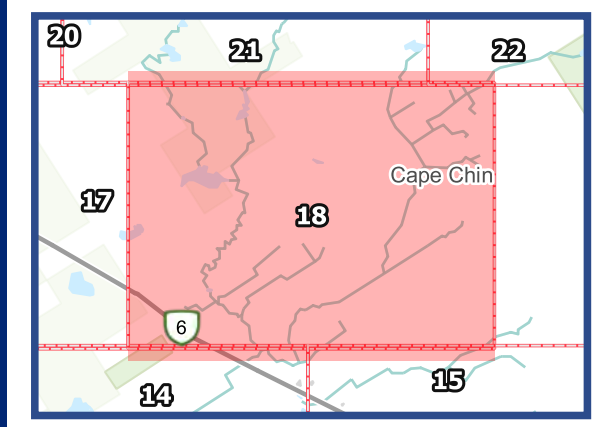
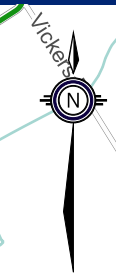
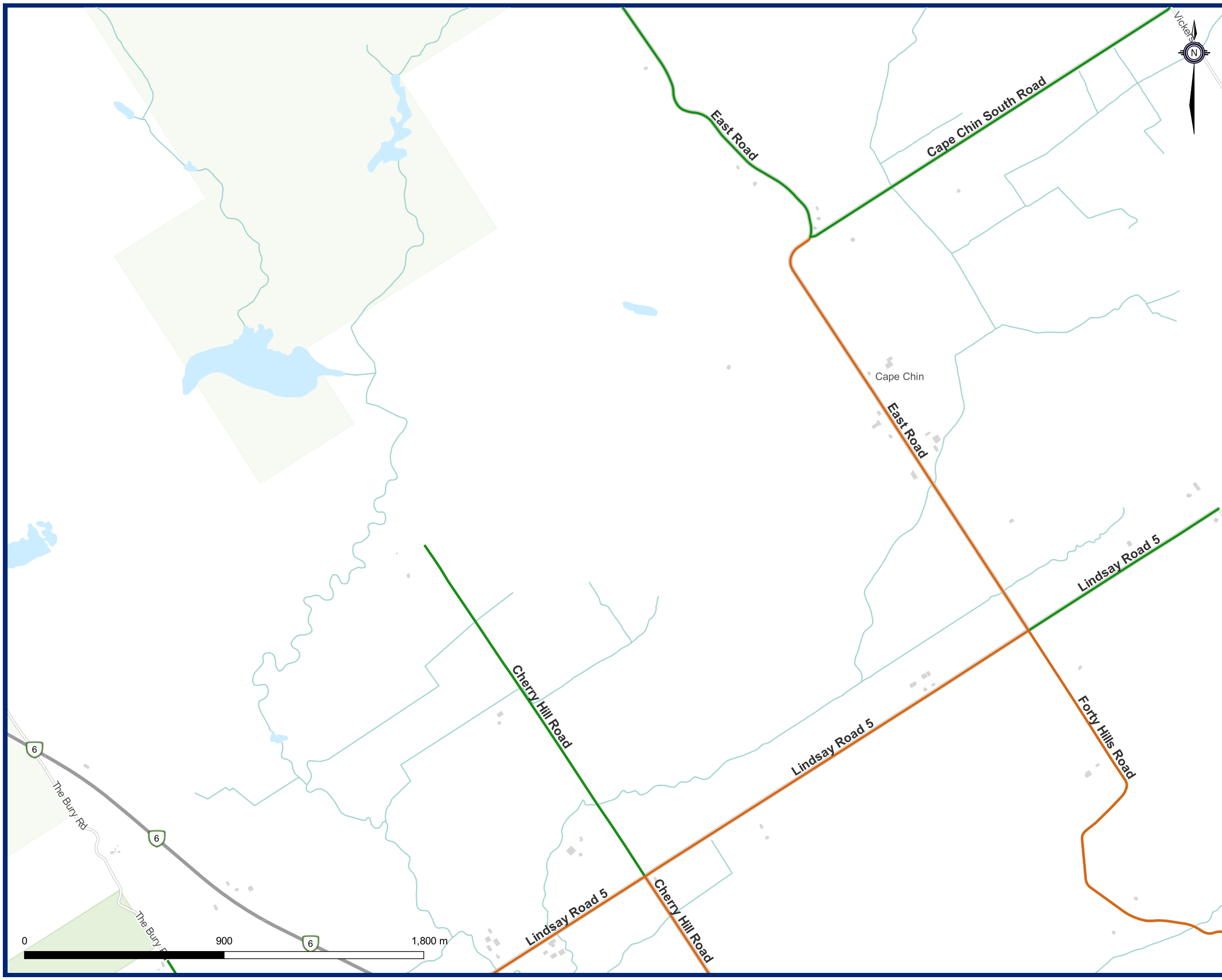


Northern Bruce Peninsula Road PCI Scores
Page: 17





Road PCI Score
— Good (70.1-80)
— Fair (50.1-70)

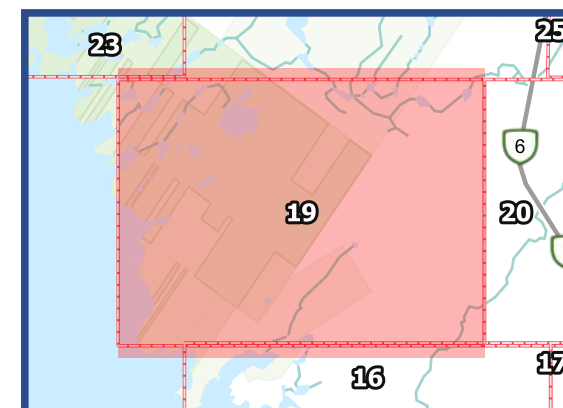
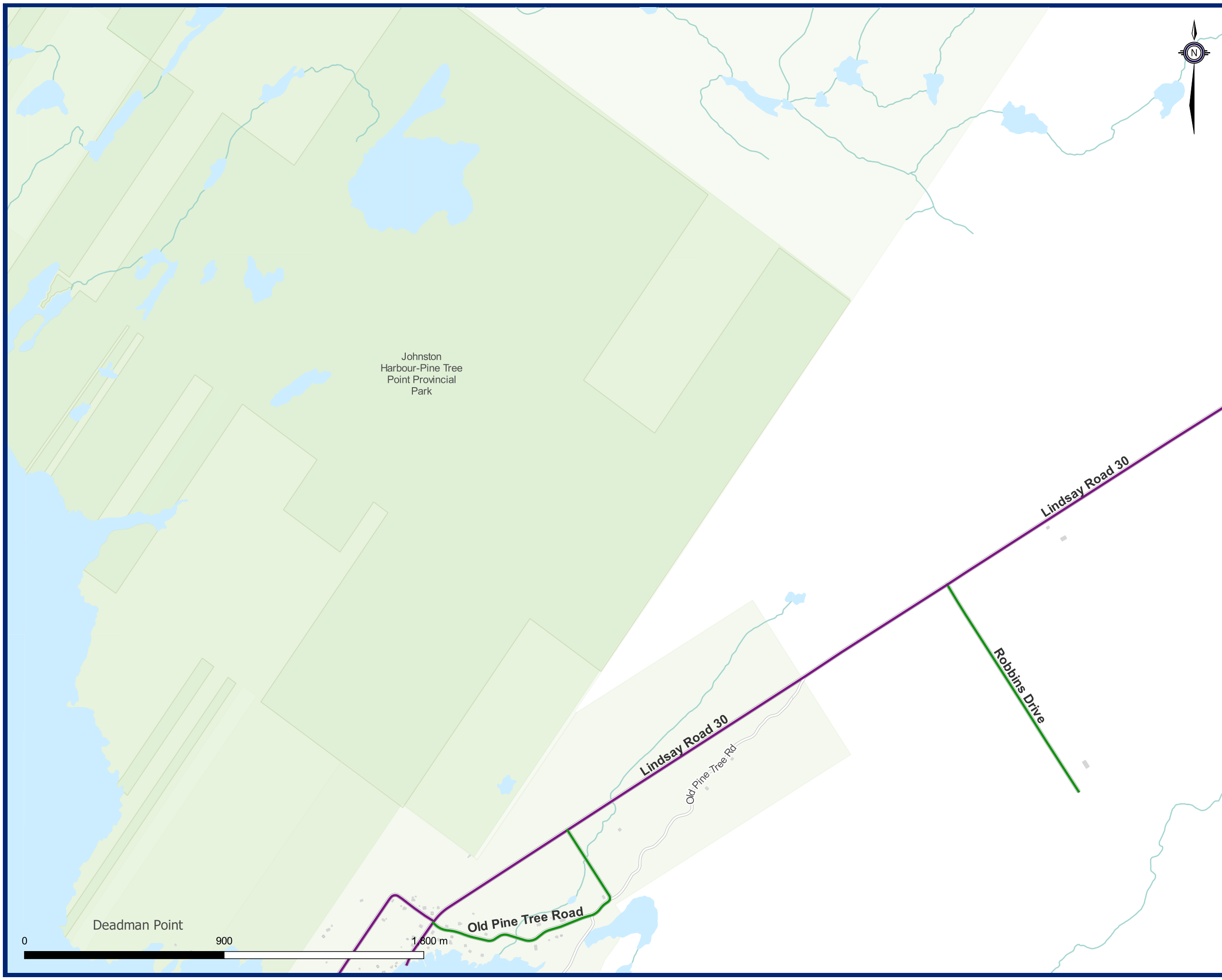




Road PCI Score

Very Good (80.1-100)

Good (70.1-80)



Deadman Point

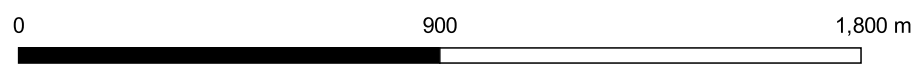
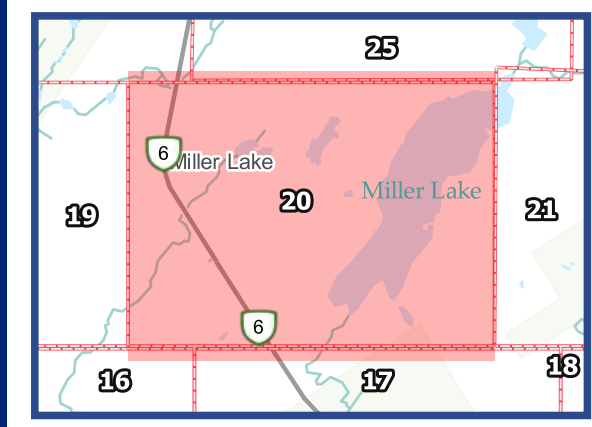
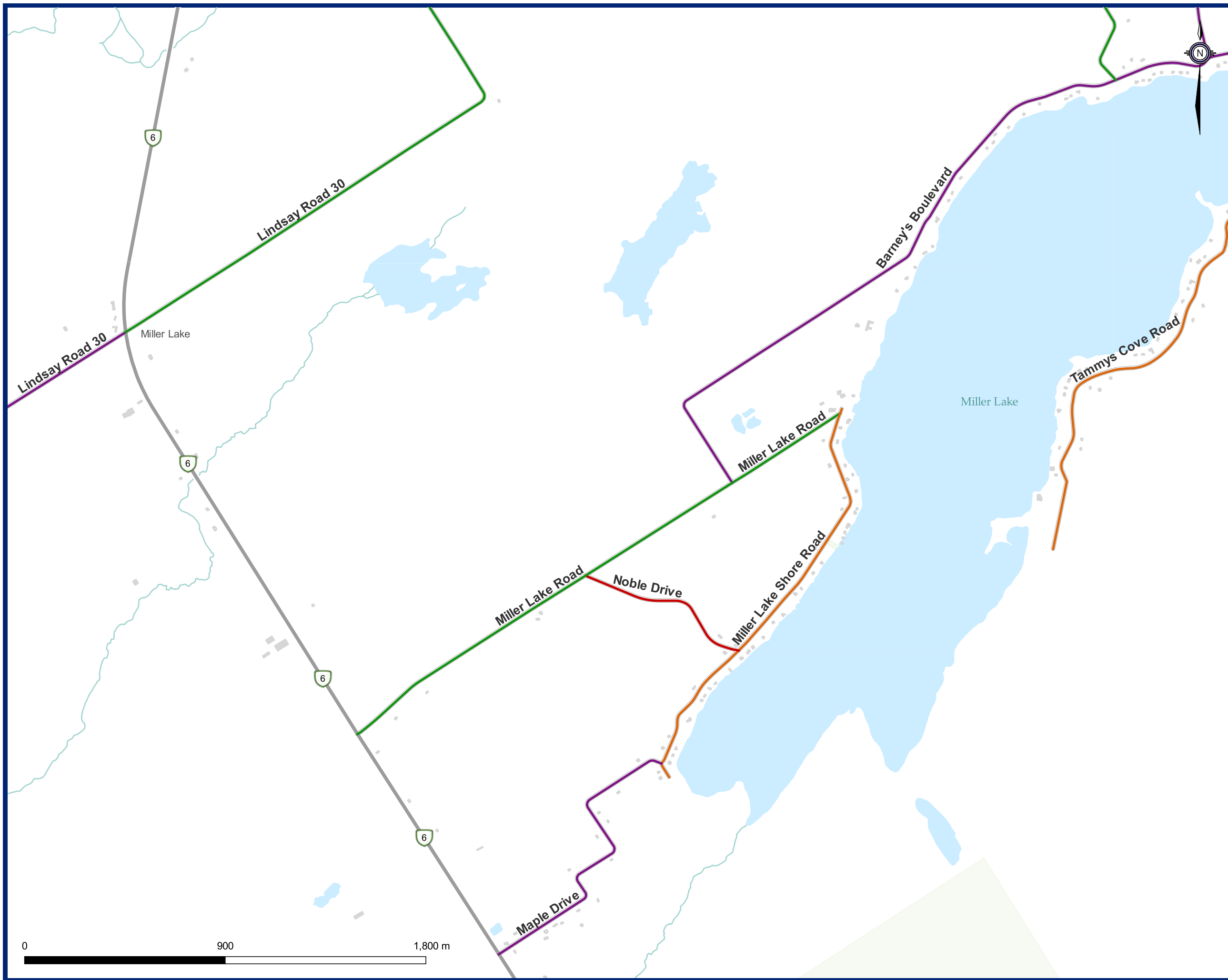


Northern Bruce Peninsula Road PCI Scores





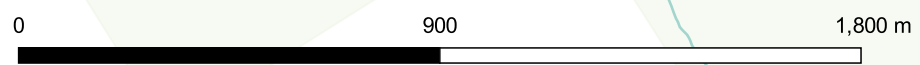
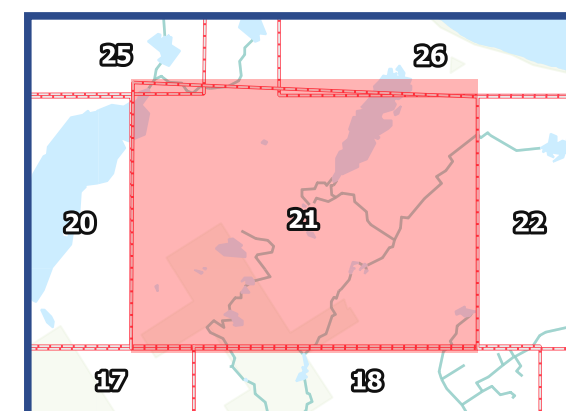
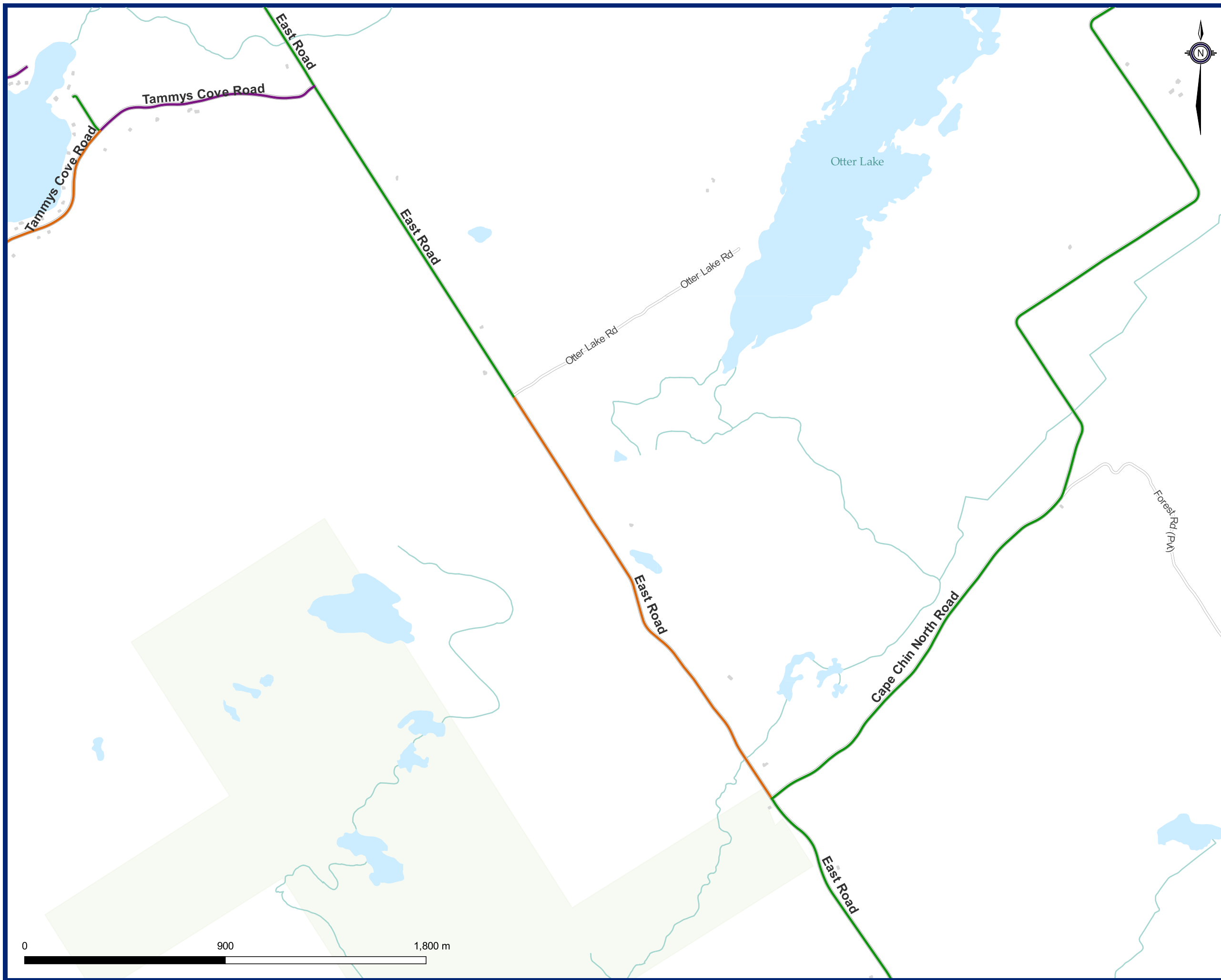
- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)
 - Poor (30.1-50)





Road PCI Score

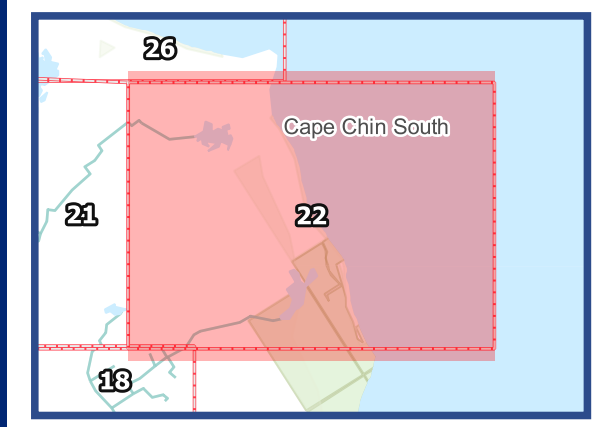
- Very Good (80.1-100)
- Good (70.1-80)
- Fair (50.1-70)





Northern Bruce Peninsula Roads & Sidewalk Needs Study

Road PCI Score
— Good (70.1-80)

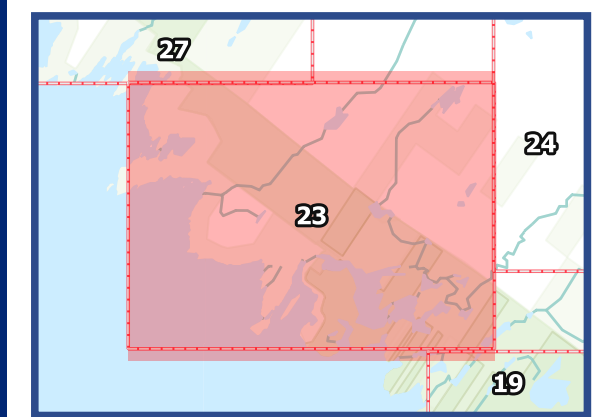
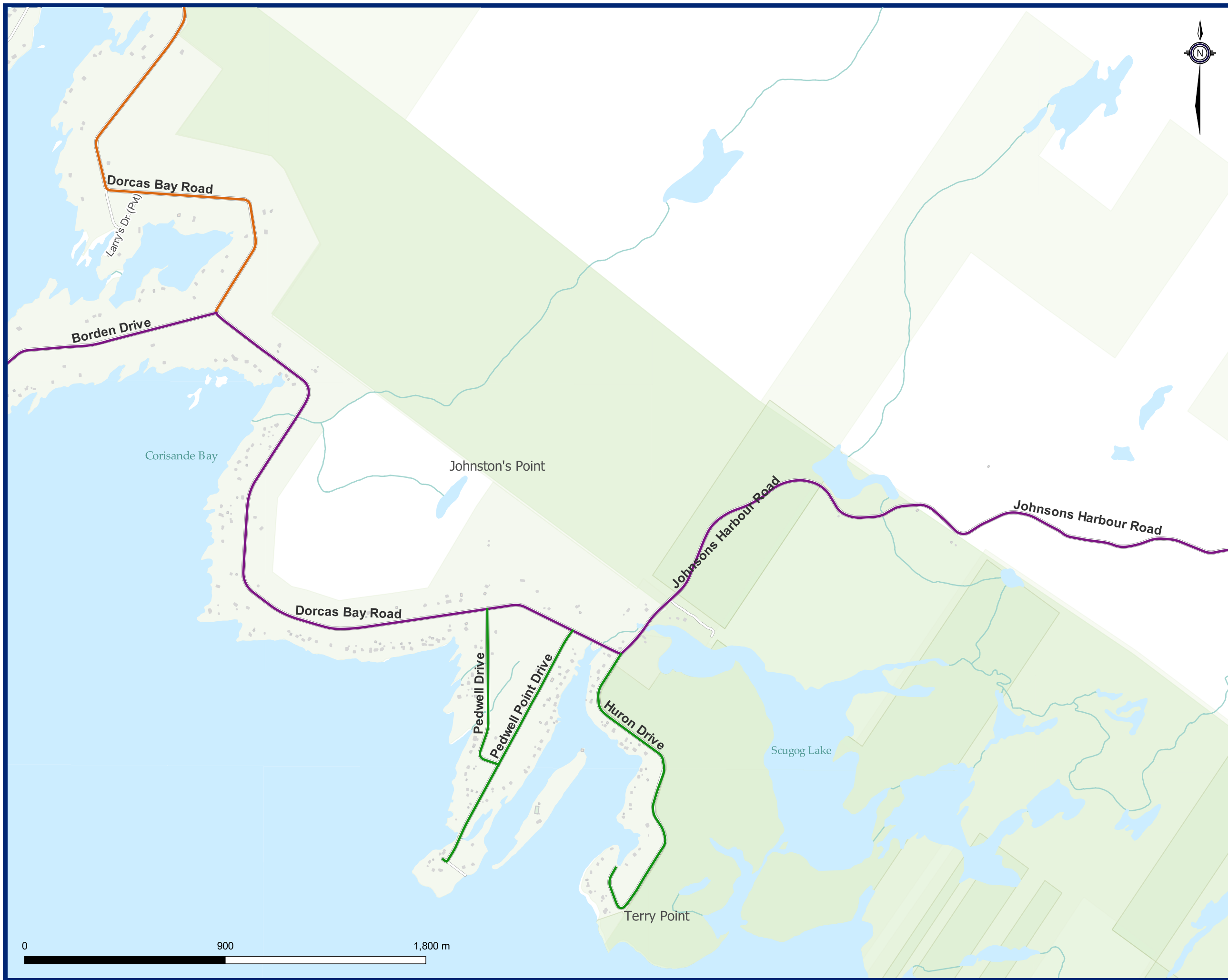


Northern Bruce Peninsula Road
PCI Scores
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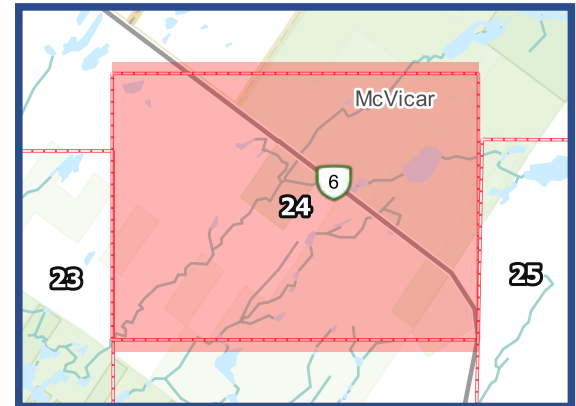
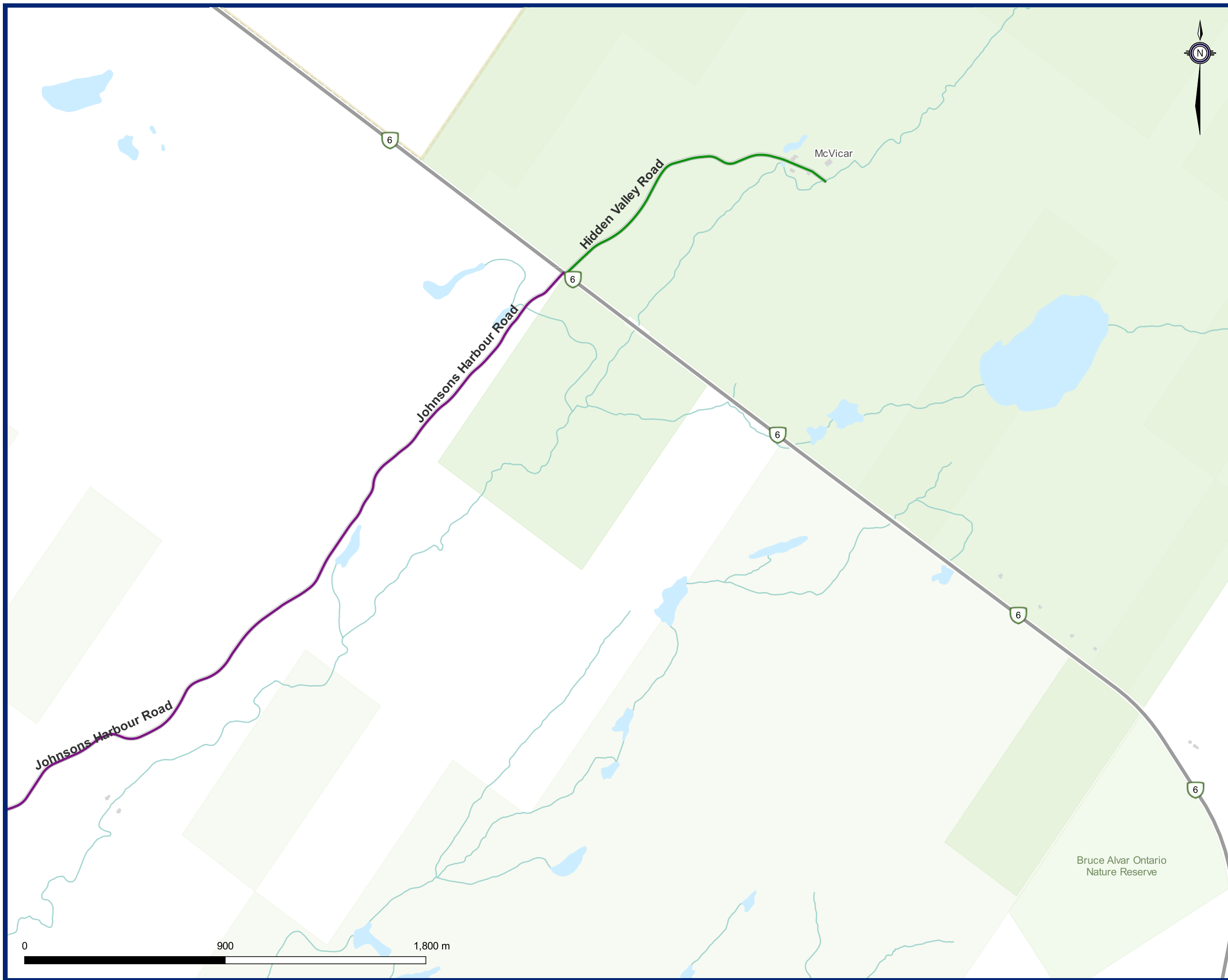
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- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)





Road PCI Score

- Very Good (80.1-100)
- Good (70.1-80)



Bruce Alvar Ontario Nature Reserve

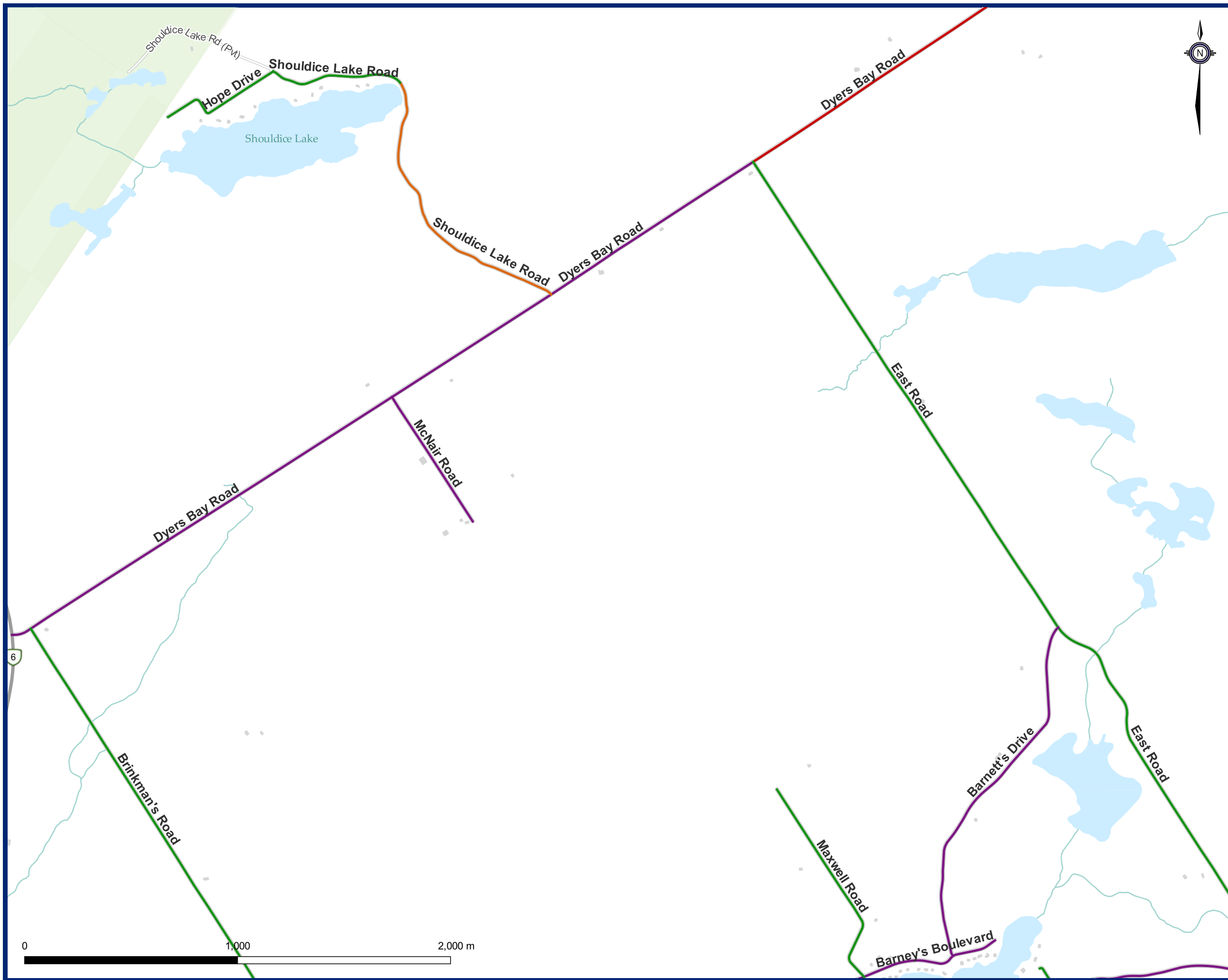
Northern Bruce Peninsula Road PCI Scores



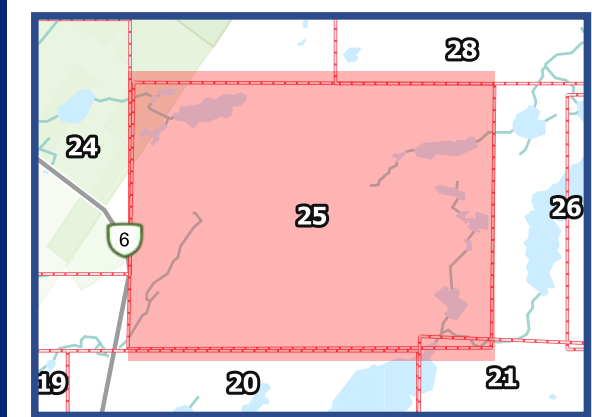


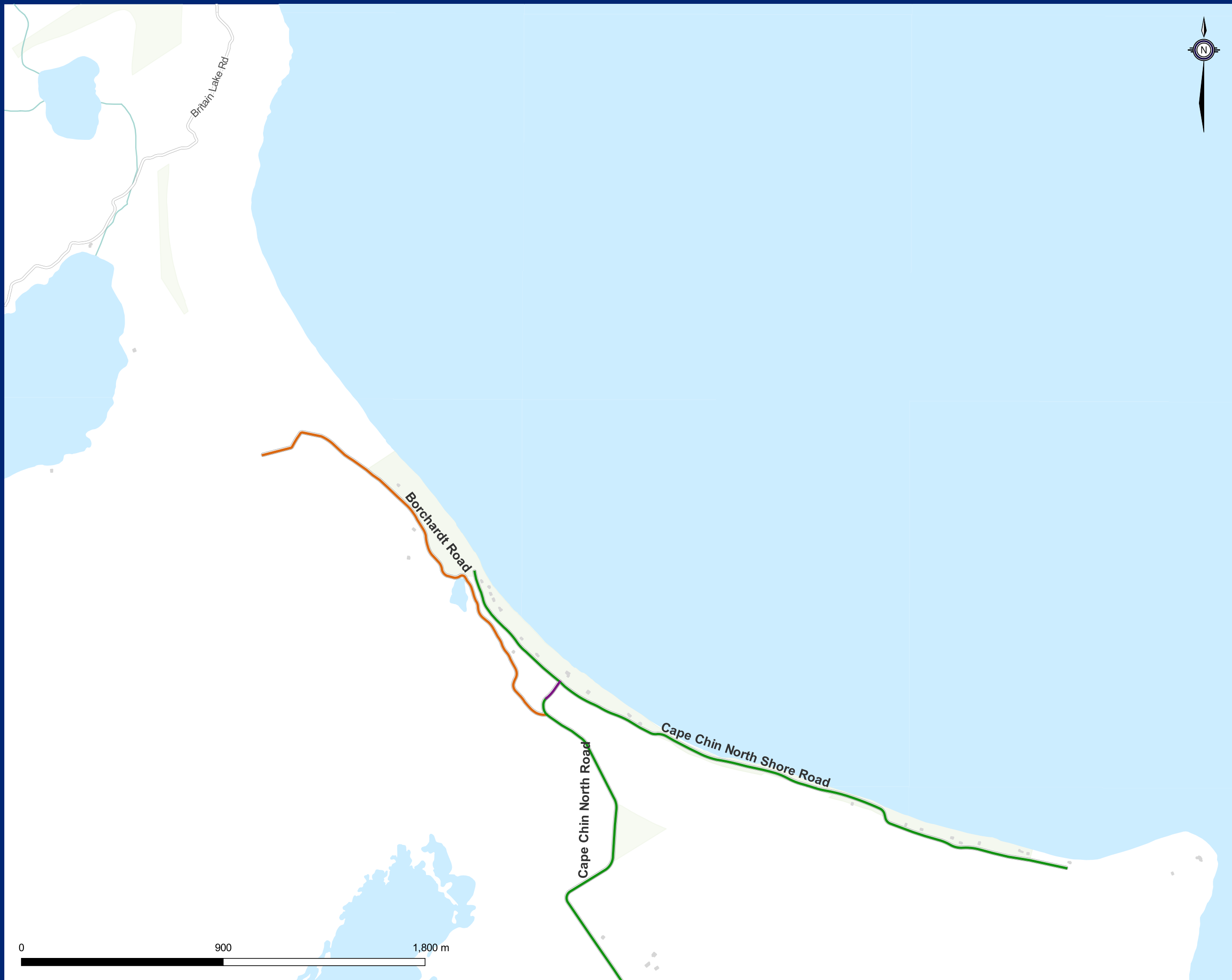
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- Very Good (80.1-100)
- Good (70.1-80)
- Fair (50.1-70)
- Poor (30.1-50)

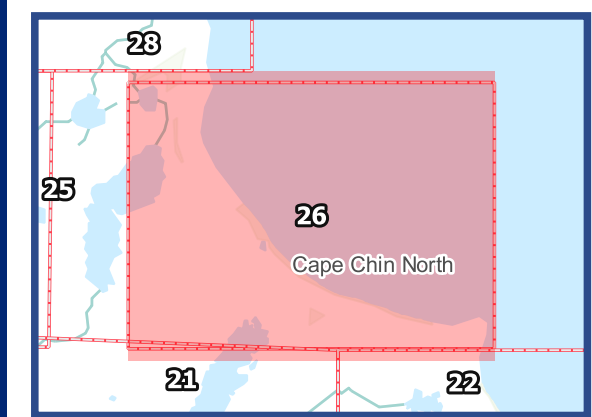


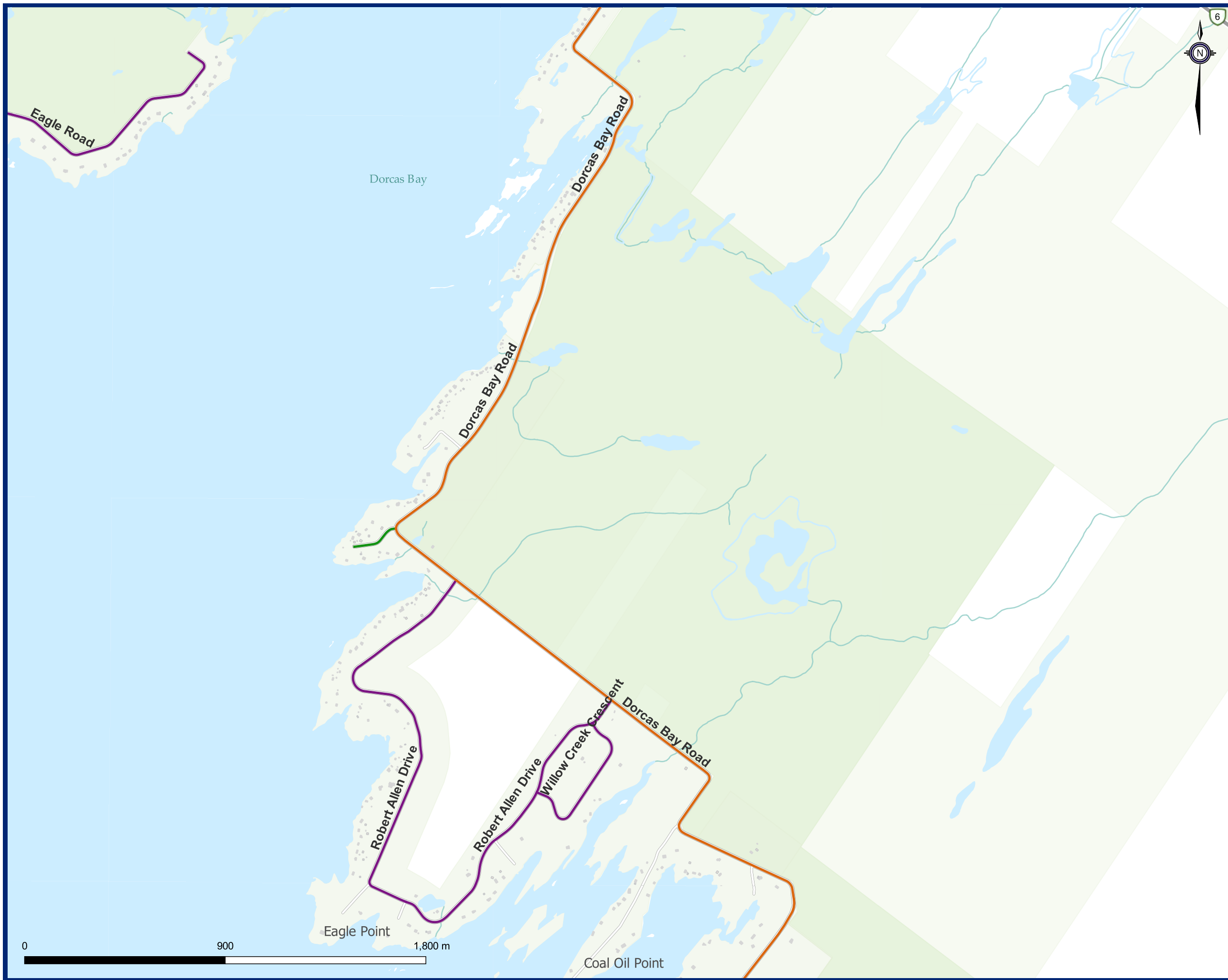
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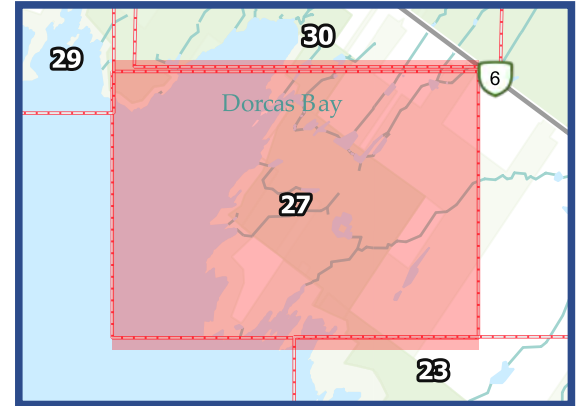
- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)





Northern Bruce Peninsula Roads & Sidewalk Needs Study

- Road PCI Score**
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)



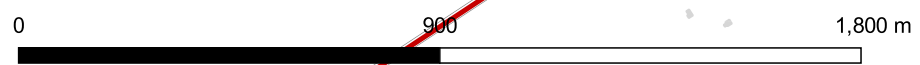
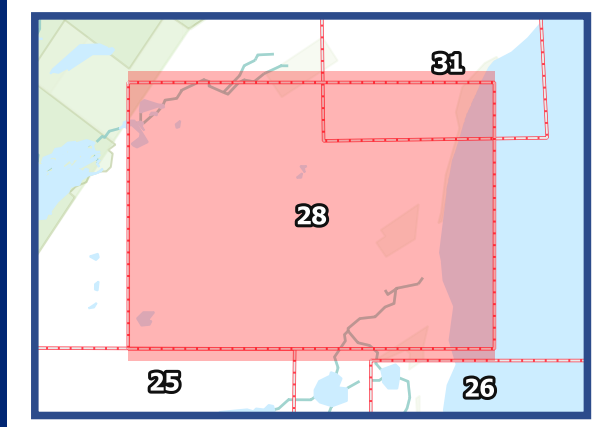
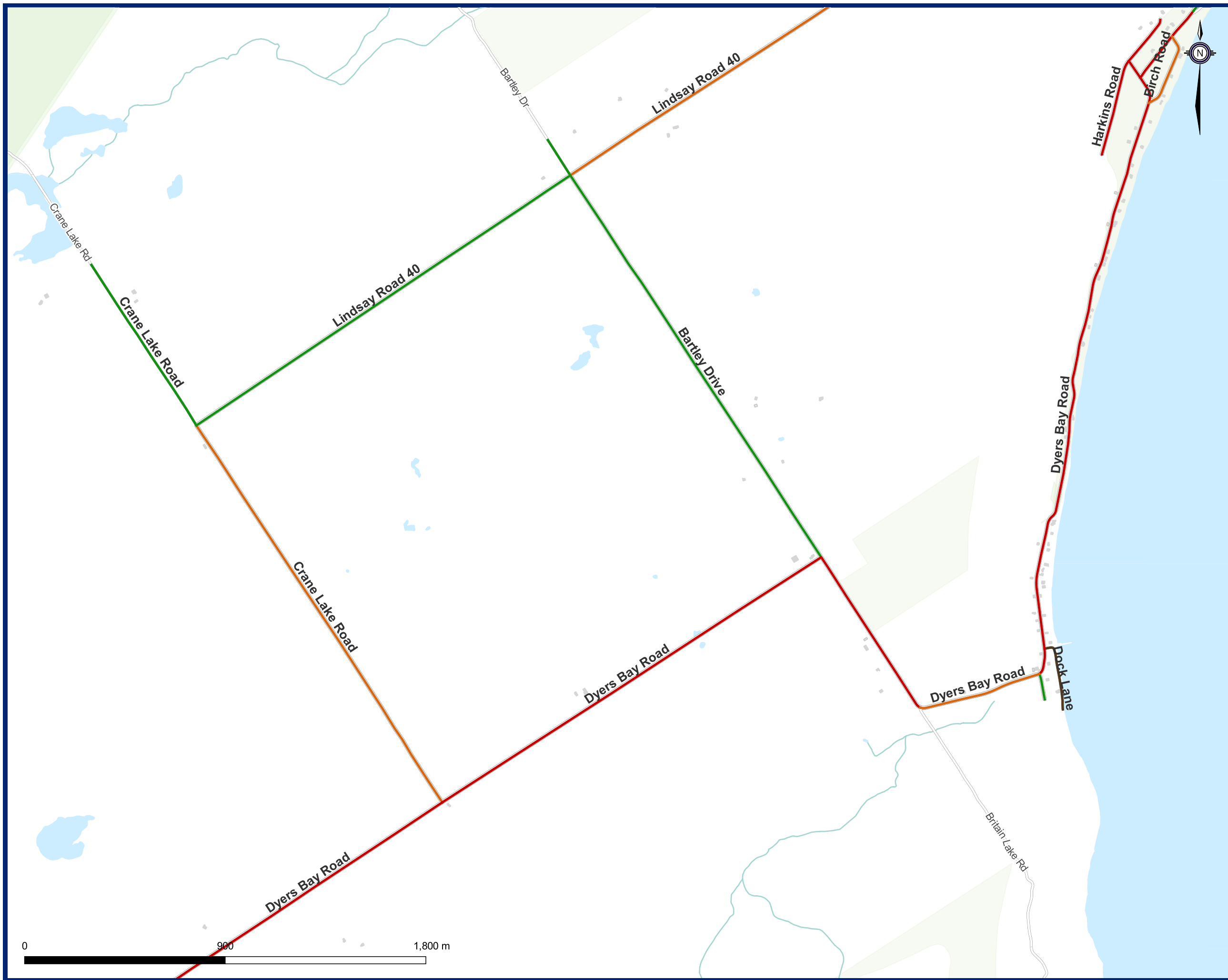
Northern Bruce Peninsula Road PCI Scores

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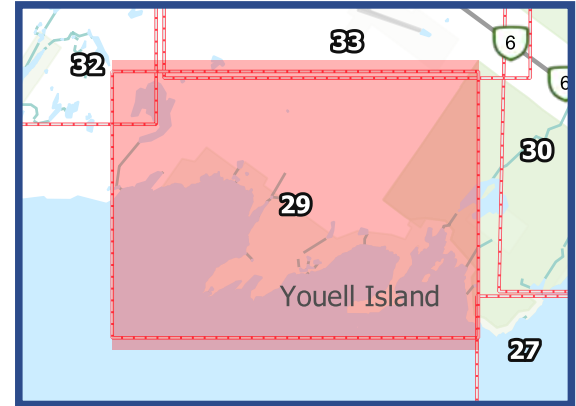
- Road PCI Score
- Good (70.1-80)
 - Fair (50.1-70)
 - Poor (30.1-50)
 - Very Poor (0-30)





Northern Bruce Peninsula Roads & Sidewalk Needs Study

- Road PCI Score
- Very Good (80.1-100)
 - Good (70.1-80)
 - Fair (50.1-70)



Northern Bruce Peninsula Road PCI Scores

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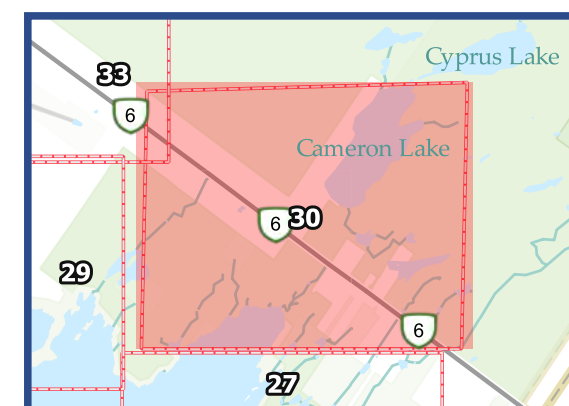
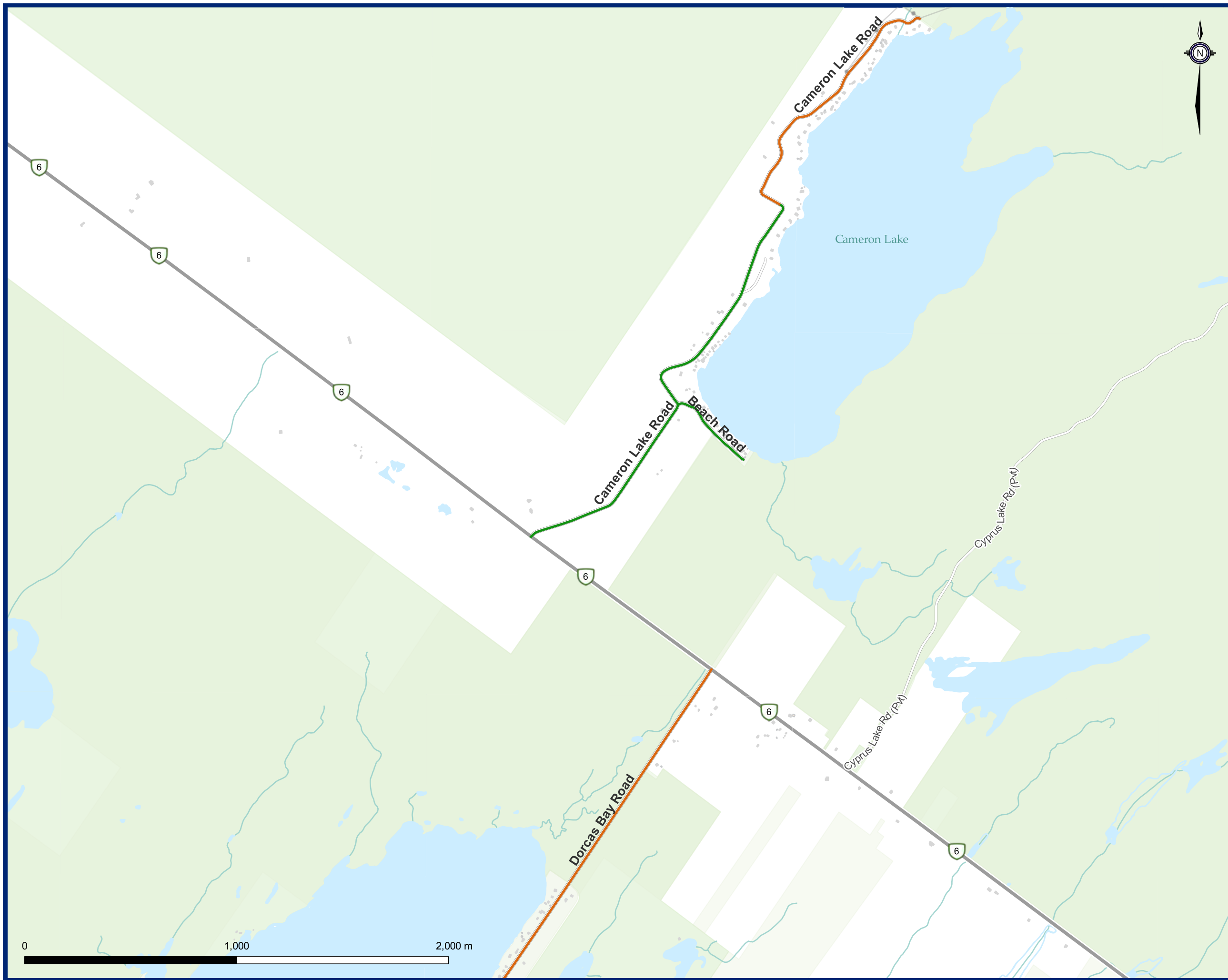




Road PCI Score

Good (70.1-80)

Fair (50.1-70)

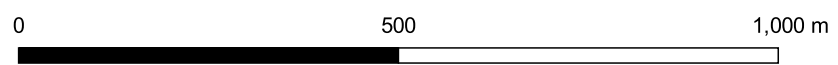
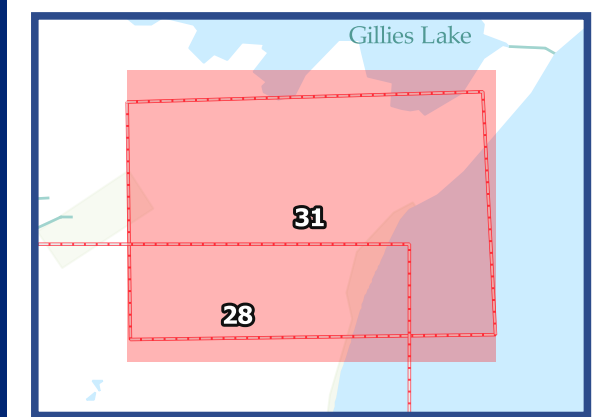
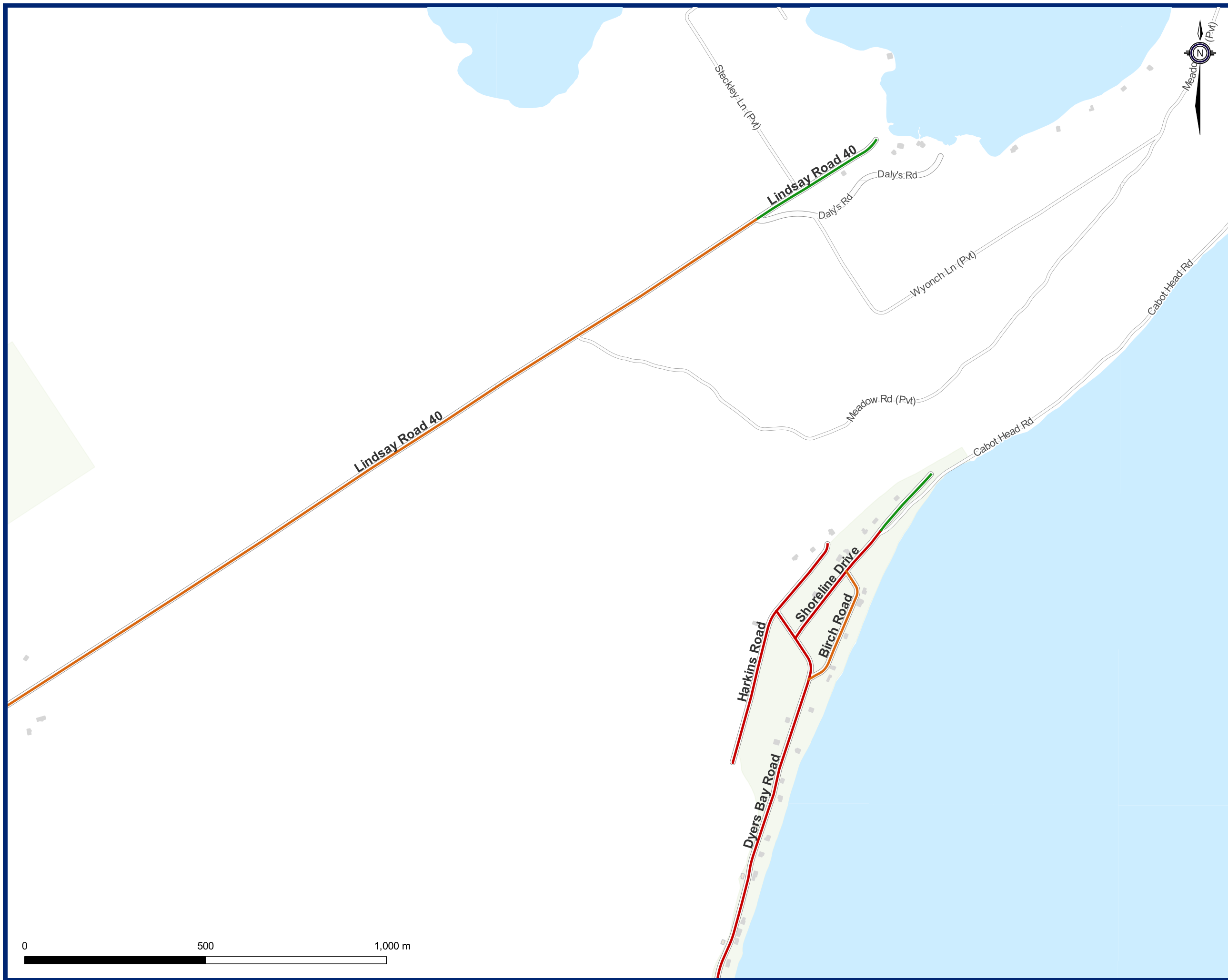


Northern Bruce Peninsula Road PCI Scores



Road PCI Score

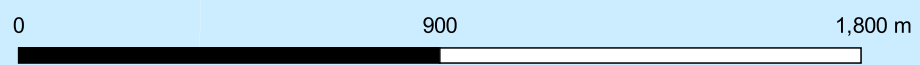
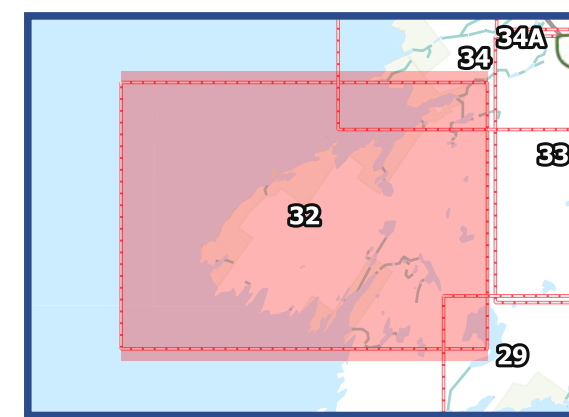
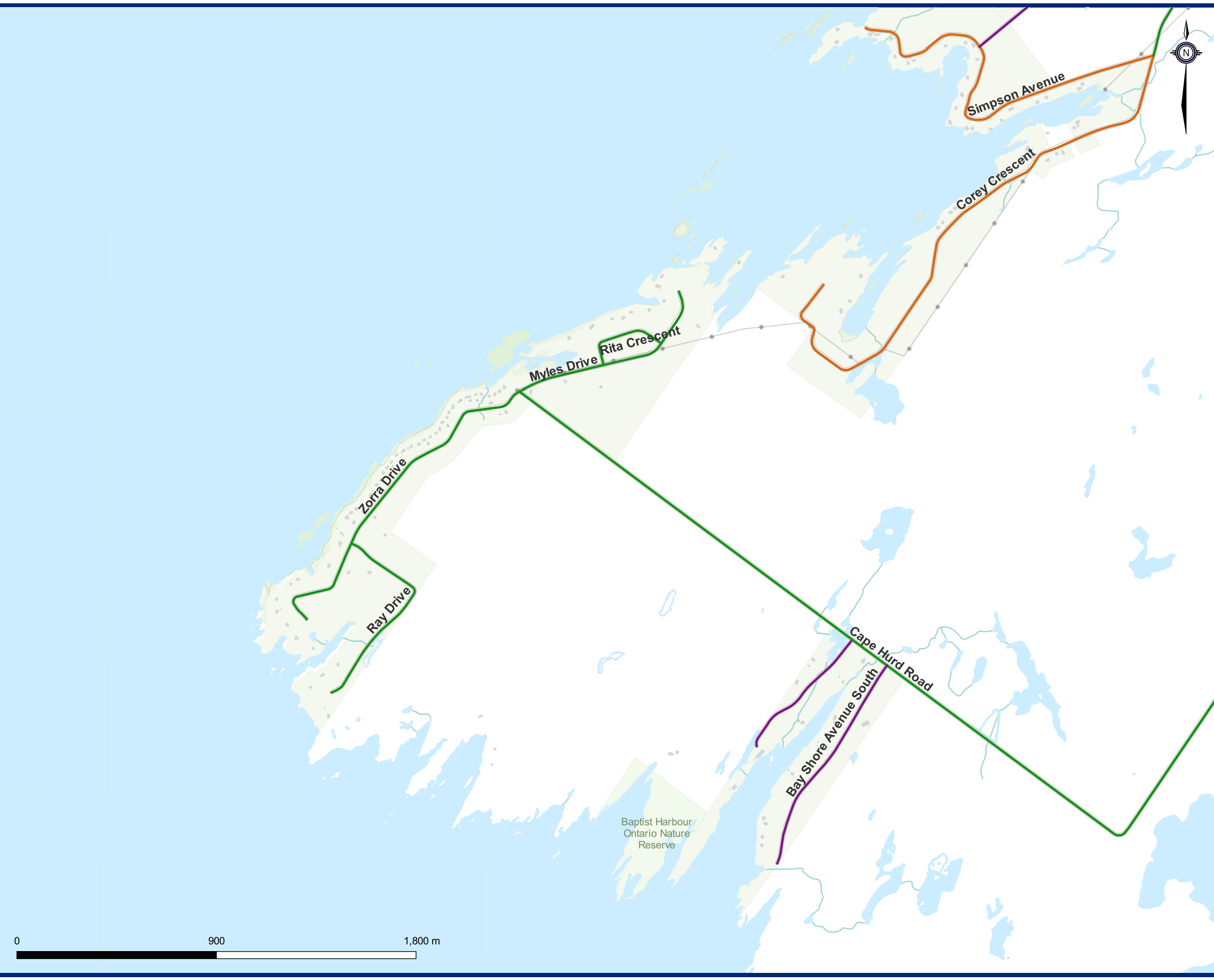
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- Fair (50.1-70)
- Poor (30.1-50)

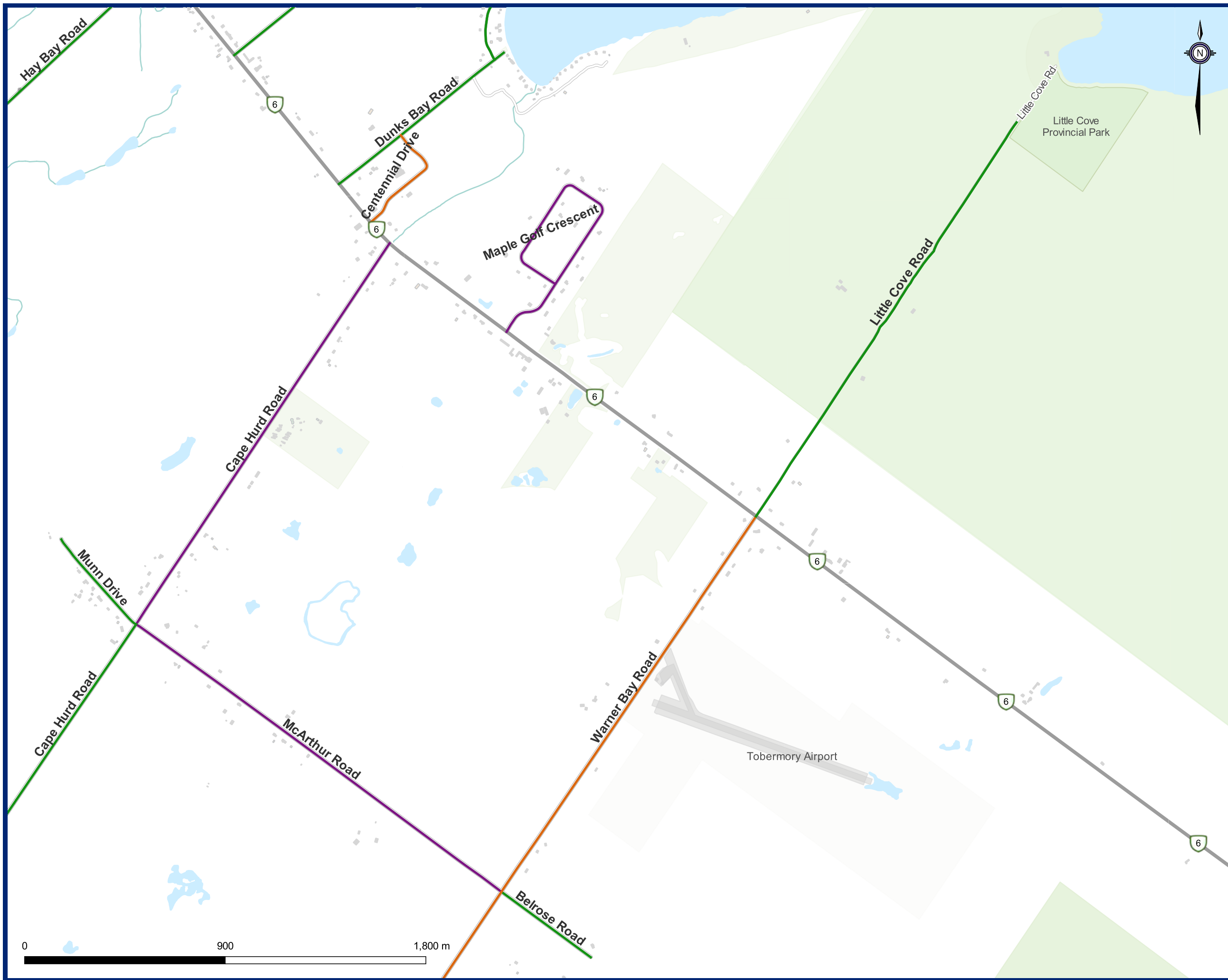




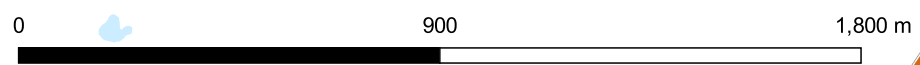
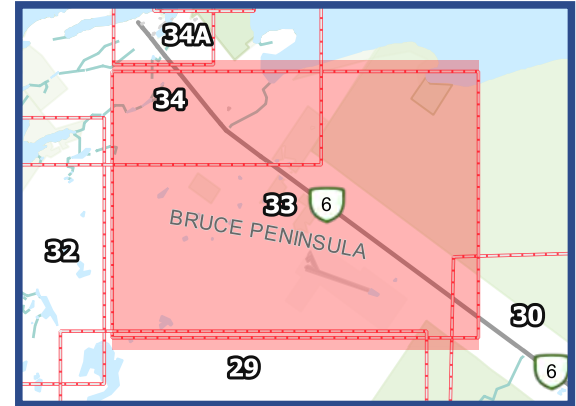
Road PCI Score

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- Fair (50.1-70)



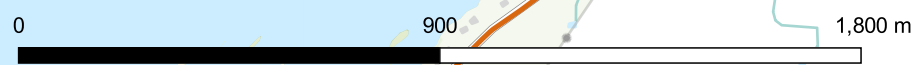
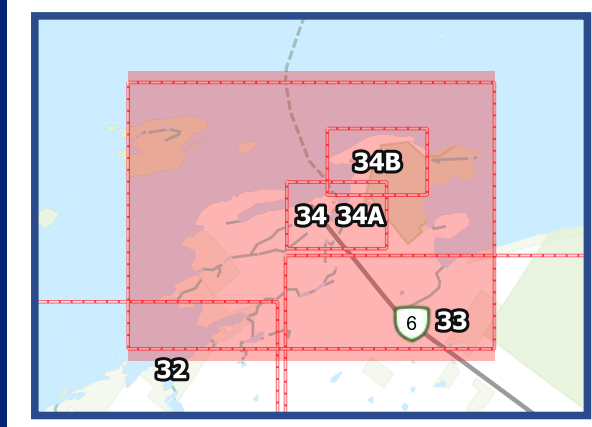
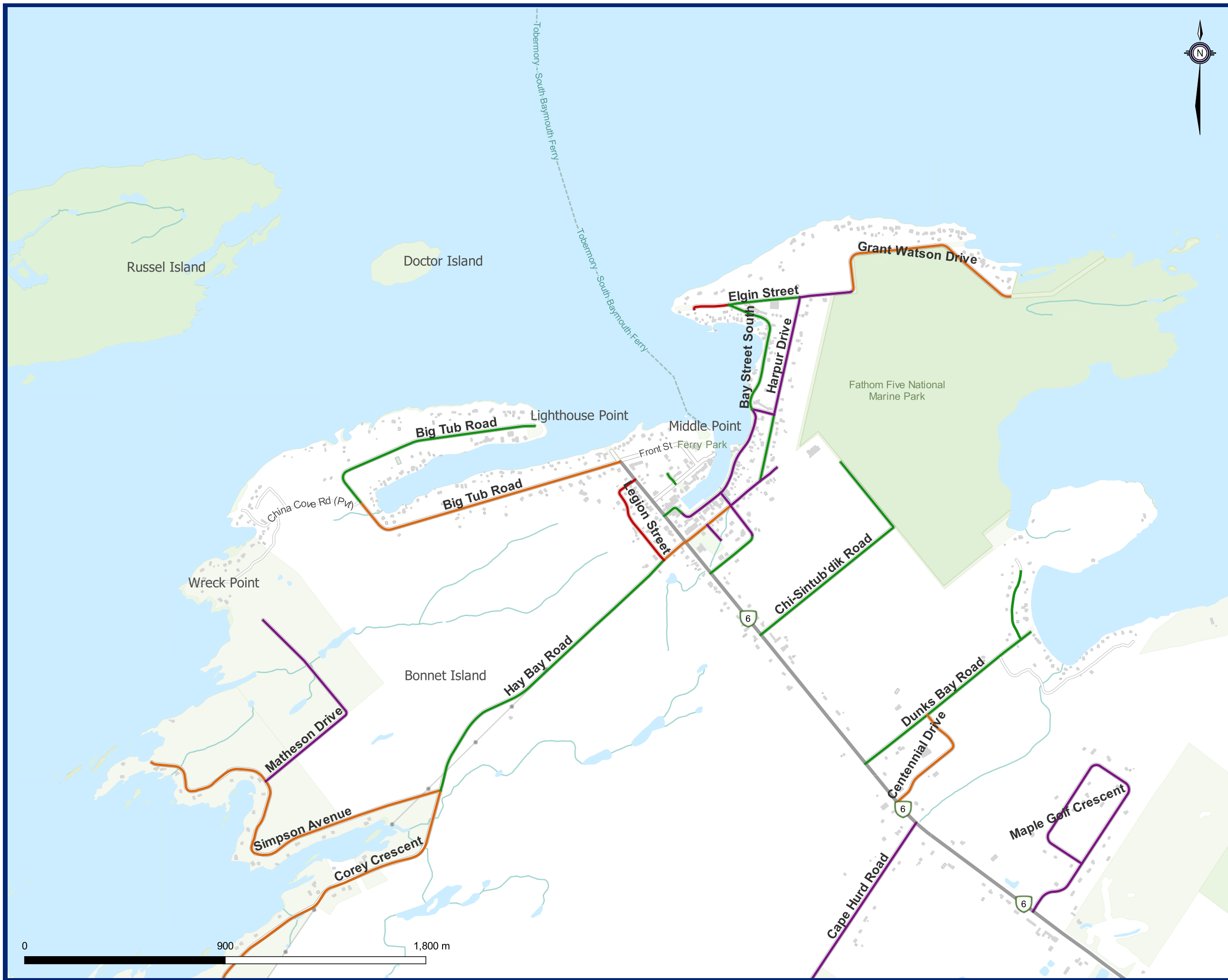


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- Very Good (80.1-100)
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 - Fair (50.1-70)



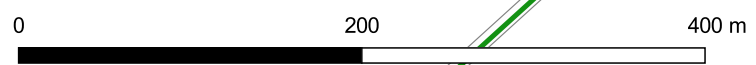
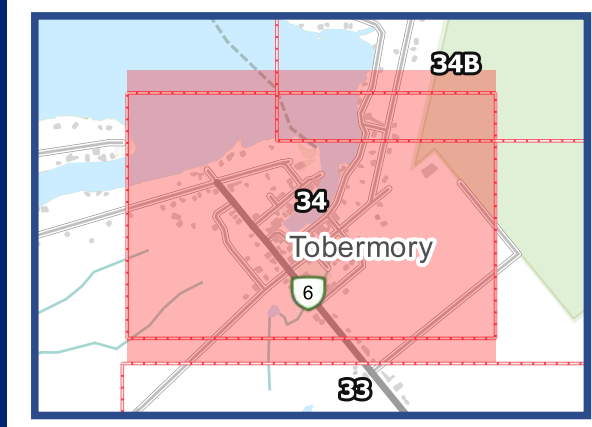
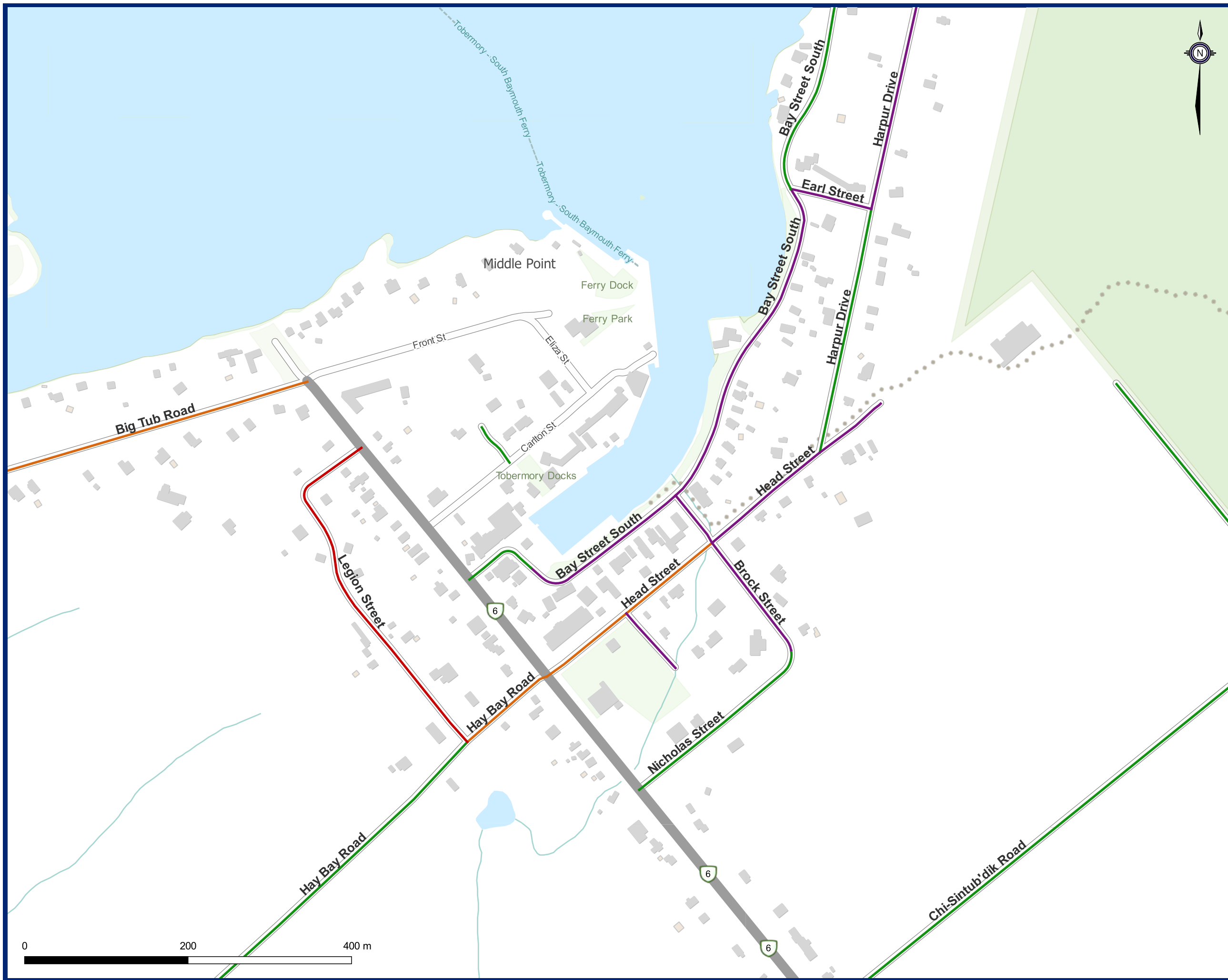


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- Very Good (80.1-100)
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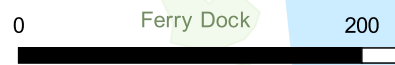
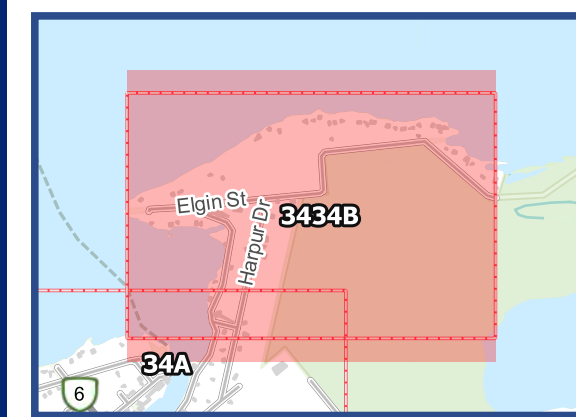
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 - Good (70.1-80)
 - Fair (50.1-70)
 - Poor (30.1-50)





Road PCI Score

- Very Good (80.1-100)
- Good (70.1-80)
- Fair (50.1-70)
- Poor (30.1-50)



Fathom Five National Marine Park

Tobermory - South Baymouth Ferry



Appendix C

Priority Guide Number Ranking

Appendix C
Northern Bruce Peninsula
Priority Guide Number Ranking (HCB/LCB Roads)

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Priority Rating (PR)	Priority Guide Number (PGN)
ROAD-EA-EVERATT-01	Everatt Side Road	Highway 6	Concession 4	LCB	2.03	Rural	500-999	4	8.7	6.5	76.6	6-10 YEARS	SST	\$ 56,233.87	24.9	24.4
ROAD-EA-EVERATT-03	Everatt Side Road	Everatt Side Road	Isthmus Bay Road	LCB	0.50	Rural	500-999	5	9.1	6.0	77.6	6-10 YEARS	SST	\$ 13,928.82	23.8	23.3
ROAD-EA-STOKESBAY-03	Stokes Bay Road	Hardwick Cove Road	Stokes River Road	LCB	1.87	Rural	500-999	5	7.9	5.5	63.6	1-5 YEARS	DST	\$ 103,744.29	38.6	19.0
ROAD-EA-EVERATT-02	Everatt Side Road	Concession 4	Everatt Side Road	LCB	0.51	Rural	500-999	4	8.3	6.0	70.2	6-10 YEARS	DST	\$ 28,052.68	31.6	15.5
ROAD-EA-WHISKEY-01	Whiskey Harbour Road	Pike Bay Road	Julian Drive	LCB	1.96	Rural	200-499	6	8.3	6.0	70.2	6-10 YEARS	SST	\$ 52,227.25	26.4	15.0
ROAD-EA-PIKEBAY-01	Pike Bay Road	Highway 6	The Bury Road	LCB	2.03	Rural	200-499	4	9.0	5.0	70.5	6-10 YEARS	SST	\$ 54,083.21	26.2	14.9
ROAD-SE-BIGTUB-02	Big Tub Road	China Cove Road	END	LCB	1.04	Rural	200-499	6	8.7	5.5	71.6	6-10 YEARS	SST	\$ 27,826.00	25.3	14.3
ROAD-SE-BAY-04	Bay Street South	Earl Street	Elgin Street	LCB	0.60	Semi-Urban	200-499	6	8.7	6.0	74.2	6-10 YEARS	SST	\$ 16,661.33	23.6	14.3
ROAD-EA-SANDYB-01	Sandy Beach Road	Myles Bay Shore Road	END	LCB	0.72	Rural	200-499	6	8.2	6.5	71.9	6-10 YEARS	SST	\$ 19,292.53	25.0	14.2
ROAD-SE-HARPUR-01	Harpur Drive	Head Street	Earl Street	LCB	0.30	Urban	200-499	5	9.1	6.0	77.6	6-10 YEARS	SST	\$ 8,427.23	21.1	14.0
ROAD-EA-MYLESBAY-03	Myles Bay Shore Road	River Lane	Stokes Bay Road	LCB	0.72	Rural	200-499	5	8.5	6.0	72.2	6-10 YEARS	SST	\$ 19,162.25	24.7	14.0
ROAD-EA-ISTHMUS-02	Isthmus Bay Road	Everatt Side Road	Forty Hills Road	LCB	2.94	Rural	500-999	5	8.7	6.0	73.6	6-10 YEARS	DST	\$ 162,500.19	28.0	13.8
ROAD-SE-HAYBAY-02	Hay Bay Road	Legion Street	Simpson Avenue	LCB	1.47	Rural	200-499	5	8.9	5.5	72.9	6-10 YEARS	SST	\$ 39,250.37	24.1	13.7
ROAD-EA-LTPIKEBAY-02	Little Pike Bay Road	The Bury Road	West Road	LCB	2.03	Rural	200-499	4	8.4	6.5	73.9	6-10 YEARS	SST	\$ 54,175.98	23.2	13.2
ROAD-EA-WHISKEY-02	Whiskey Harbour Road	Julian Drive	Devils Glen	LCB	2.03	Rural	200-499	5	8.2	7.0	73.9	6-10 YEARS	SST	\$ 54,095.13	23.2	13.2
ROAD-EA-STOKESBAY-01	Stokes Bay Road	Bruce Road 9	Norburn Road	LCB	0.81	Rural	500-999	3	6.9	5.0	51.8	1-5 YEARS	PR-DST	\$ 86,699.03	51.1	13.0
ROAD-EA-PIKEBAY-02	Pike Bay Road	The Bury Road	West Road	HCB	2.04	Rural	200-499	4	8.6	6.5	75.2	6-10 YEARS	SST	\$ 54,388.96	22.0	12.5
ROAD-EA-MYLESBAY-01	Myles Bay Shore Road	Stokes Bay Road	Parker Island Road	LCB	1.35	Rural	200-499	5	8.4	7.0	75.2	6-10 YEARS	SST	\$ 36,043.68	22.0	12.5
ROAD-SE-NICHOLAS-01	Nicholas Street	Highway 6	Brock Street	LCB	0.26	Semi-Urban	200-499	5	9.1	6.0	77.6	6-10 YEARS	SST	\$ 7,127.82	20.5	12.4
ROAD-EA-PIKEBAY-03	Pike Bay Road	West Road	Pike Bay Road	HCB	1.00	Rural	200-499	4	8.7	6.5	75.9	6-10 YEARS	SST	\$ 26,614.27	21.4	12.2
ROAD-SE-ELGIN-02	Elgin Street	Harpur Drive	Bay Street South	LCB	0.32	Semi-Urban	200-499	5	9.9	5.0	78.5	6-10 YEARS	SST	\$ 8,877.45	19.7	11.9
ROAD-LI-EAST-02	East Road	Cape Chin South Road	Cape Chin North Road	LCB	2.04	Rural	200-499	4	8.8	7.0	79.2	6-10 YEARS	SST	\$ 54,278.99	18.5	10.5
ROAD-LI-STOKESBAY-01	Stokes Bay Road	Stokes Bay Road	Clarke's Road	LCB	1.86	Rural	200-499	4	7.3	5.5	58.9	1-5 YEARS	DST	\$ 98,894.53	36.5	10.4
ROAD-SE-DORCAS-03	Dorcas Bay Road	Ada Crescent	Borden Drive	LCB	4.83	Rural	200-499	5	7.8	5.0	59.8	1-5 YEARS	DST	\$ 257,514.49	35.7	10.1
ROAD-SE-WARNER-03	Warner Bay Road	Indian Harbour Road	Eagle Road	LCB	3.04	Rural	200-499	5	8.1	5.0	63.2	1-5 YEARS	DST	\$ 161,932.18	32.7	9.3
ROAD-SE-WARNER-02	Warner Bay Road	McArthur Road	Indian Harbour Road	LCB	1.92	Rural	200-499	5	8.3	5.0	64.5	1-5 YEARS	DST	\$ 102,200.12	31.6	9.0
ROAD-LI-CLARKES-01	Clarke's Road	Highway 6	The Bury Road	LCB	0.92	Rural	200-499	4	7.7	6.0	64.9	1-5 YEARS	DST	\$ 48,787.24	31.2	8.9
ROAD-LH-TACKABURY-01	Tackabury Street	Ferndale Road	Hayes Drive	LCB	0.22	Semi-Urban	200-499	6	8.4	5.5	68.2	1-5 YEARS	DST	\$ 12,275.25	29.1	8.8
ROAD-SE-HAYBAY-01	Hay Bay Road	Highway 6	Legion Street	LCB	0.13	Rural	200-499	5	8.4	5.0	65.2	1-5 YEARS	DST	\$ 6,761.95	31.0	8.8
ROAD-SE-WARNER-01	Warner Bay Road	Highway 6	McArthur Road	LCB	2.03	Rural	200-499	5	8.4	5.0	65.2	1-5 YEARS	DST	\$ 108,424.96	31.0	8.8
ROAD-LI-DYERS-05	Dyers Bay Road	Britain Lake Road	Lynch Drive	LCB	0.56	Rural	200-499	6	8.4	5.0	65.2	1-5 YEARS	DST	\$ 29,755.83	31.0	8.8
ROAD-LI-LINDSAYS-01	Lindsay Road 5	Highway 6	Cherry Hill Road	LCB	1.10	Rural	200-499	4	8.1	5.5	65.6	1-5 YEARS	DST	\$ 58,711.85	30.6	8.7
ROAD-EA-MYLESBAY-02	Myles Bay Shore Road	Parker Island Road	River Lane	LCB	1.23	Rural	200-499	6	7.8	6.0	65.6	1-5 YEARS	DST	\$ 65,714.47	30.6	8.7
ROAD-SE-DORCAS-02	Dorcas Bay Road	Dorcas Bay Road	Ada Crescent	LCB	1.54	Rural	200-499	5	8.5	5.0	66.5	1-5 YEARS	DST	\$ 82,066.43	29.8	8.5

Appendix C
Northern Bruce Peninsula
Priority Guide Number Ranking (HCB/LCB Roads)

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Priority Rating (PR)	Priority Guide Number (PGN)
ROAD-SE-BIGTUB-01	Big Tub Road	Highway 6	China Cove Road	LCB	1.27	Rural	200-499	6	8.4	5.5	68.2	1-5 YEARS	DST	\$ 67,474.97	28.2	8.0
ROAD-LI-CHERRY-02	Cherry Hill Road	Cherry Hill Road	Lindsay Road 5	LCB	1.52	Rural	200-499	4	8.4	5.5	68.9	1-5 YEARS	DST	\$ 80,954.76	27.6	7.8
ROAD-LI-CHERRY-01	Cherry Hill Road	Highway 6	Cherry Hill Road	LCB	0.53	Rural	200-499	5	8.4	5.5	68.9	1-5 YEARS	DST	\$ 28,241.34	27.6	7.8
ROAD-EA-WIDGEON-01	Widgeon Cove Road	Pike Bay Road	Wandabend Road	LCB	1.94	Rural	200-499	6	5.2	6.0	42.2	NOW	PR-DST	\$ 197,259.90	51.3	7.7
ROAD-LI-DYERS-03	Dyers Bay Road	East Road	Crane Lake Road	LCB	2.05	Rural	200-499	4	6.5	5.0	48.5	NOW	PR-DST	\$ 207,956.26	45.8	6.8
ROAD-LI-DYERS-04	Dyers Bay Road	Crane Lake Road	Bartley Drive	LCB	2.83	Rural	200-499	4	6.6	5.0	49.2	NOW	PR-DST	\$ 287,312.82	45.2	6.7
ROAD-LI-DYERS-06	Dyers Bay Road	Lynch Drive	Birch Road	LCB	2.86	Rural	200-499	6	7.5	4.0	49.5	NOW	PR-DST	\$ 290,170.60	44.9	6.7
ROAD-SE-HEAD-01	Head Street	Highway 6	Brock Street	LCB	0.26	Urban	200-499	5	7.7	5.0	59.2	1-5 YEARS	PR-DST	\$ 27,666.29	38.4	6.6
ROAD-LI-EAST-01	East Road	Lindsay Road 5	Cape Chin South Road	LCB	2.13	Rural	200-499	4	7.2	4.5	50.9	1-5 YEARS	PR-DST	\$ 216,393.44	43.6	6.5
ROAD-LI-CLARKES-02	Clarke's Road	The Bury Road	Stokes Bay Road	LCB	2.03	Rural	200-499	4	6.7	5.5	52.9	1-5 YEARS	PR-DST	\$ 206,061.58	41.9	6.2
ROAD-LI-LINDSAY5-02	Lindsay Road 5	Cherry Hill Road	Forty Hills Road	LCB	2.05	Rural	200-499	4	6.7	5.5	52.9	1-5 YEARS	PR-DST	\$ 208,372.13	41.9	6.2
ROAD-SE-DORCAS-01	Dorcas Bay Road	Highway 6	Dorcas Bay Road	LCB	2.89	Rural	200-499	5	7.6	5.0	58.5	1-5 YEARS	PR-DST	\$ 293,506.18	36.9	5.5
ROAD-LH-EDGEWOOD-03	Edgewood Street	Point View Drive	Bayfield Street	LCB	0.13	Rural	50-199	6	8.6	5.5	70.2	6-10 YEARS	SST	\$ 3,365.10	21.3	5.4
ROAD-LI-YOUNGBLO-01	Youngblood Road	Lindsay Road 20	White Cedar Road	LCB	0.82	Rural	50-199	6	8.4	6.0	71.6	6-10 YEARS	SST	\$ 21,865.45	20.4	5.1
ROAD-EA-ISTHMUS-01	Isthmus Bay Road	Main Street	Everatt Side Road	LCB	0.41	Rural	500-999	5	8.6	6.0	72.9	6-10 YEARS	R1	\$ 64,135.64	28.7	5.0
ROAD-LI-WHITE-01	White Cedar Road	Donald Road	Youngblood Road	LCB	1.50	Rural	50-199	6	8.5	6.0	72.2	6-10 YEARS	SST	\$ 40,107.36	19.9	5.0
ROAD-LI-MILLERLR-02	Miller Lake Road	Barney's Boulevard	Miller Lake Shore Road	LCB	0.58	Rural	50-199	6	8.9	5.5	72.9	6-10 YEARS	SST	\$ 15,344.53	19.4	4.9
ROAD-LI-EAST-04	East Road	Otter Lake Road	Tammys Cove Road	LCB	1.65	Rural	50-199	5	8.6	6.0	72.9	6-10 YEARS	SST	\$ 43,991.98	19.4	4.9
ROAD-LI-MILLERLR-01	Miller Lake Road	Highway 6	Miller Lake Shore Road	LCB	2.03	Rural	50-199	5	8.7	6.0	74.2	6-10 YEARS	SST	\$ 54,025.97	18.5	4.6
ROAD-LI-EAST-05	East Road	Tammys Cove Road	Barnett's Drive	LCB	1.88	Rural	50-199	5	8.8	6.0	74.9	6-10 YEARS	SST	\$ 50,225.48	18.0	4.5
ROAD-EA-TAMARAC-01	Tamarac Road	Stokes River Road	Walter Charman Drive	HCB	2.08	Rural	500-999	5	8.8	6.0	75.9	6-10 YEARS	R1	\$ 321,973.19	25.5	4.5
ROAD-LI-GAULEYS-01	Gauleys Bay Road	Tamarac Road	Greenough Harbour Lane	LCB	2.68	Rural	50-199	5	8.6	6.5	75.2	6-10 YEARS	SST	\$ 71,454.34	17.8	4.5
ROAD-SE-CAPEHURD-02	Cape Hurd Road	McArthur Road	Zorra Drive	LCB	5.39	Rural	50-199	4	8.7	6.5	75.9	6-10 YEARS	SST	\$ 143,604.30	17.3	4.3
ROAD-EA-STOKESBAY-04	Stokes Bay Road	Stokes River Road	Stokes Bay Road	HCB	1.06	Rural	500-999	5	8.9	6.0	77.1	6-10 YEARS	R1	\$ 163,751.23	24.3	4.3
ROAD-EA-BURMA-02	Burma Road	Doerr Street	Spry Shore Road	LCB	0.50	Rural	50-199	6	8.7	6.5	76.6	6-10 YEARS	SST	\$ 13,402.06	16.8	4.2
ROAD-LH-BAYFIELD-01	Bayfield Street	Hayes Drive	Edgewood Street	LCB	0.41	Rural	50-199	6	8.5	7.0	76.6	6-10 YEARS	SST	\$ 10,886.07	16.8	4.2
ROAD-SE-DUNKS-01	Dunks Bay Road	Highway 6	END	LCB	0.94	Rural	50-199	6	9.0	6.0	76.9	6-10 YEARS	SST	\$ 25,156.05	16.6	4.2
ROAD-EA-TAMARAC-02	Tamarac Road	Walter Charman Drive	END	LCB	0.94	Rural	50-199	6	9.1	6.0	77.6	6-10 YEARS	SST	\$ 25,049.81	16.1	4.0
ROAD-SE-CAMERON-01	Cameron Lake Road	Highway 6	Cameron Lake Road	LCB	2.18	Rural	50-199	6	8.7	7.0	77.9	6-10 YEARS	SST	\$ 58,077.66	15.9	4.0
ROAD-SE-GRANTW-01	Grant Watson Drive	Elgin Street	END	LCB	0.95	Urban	50-199	6	8.8	5.0	69.2	1-5 YEARS	DST	\$ 50,568.59	23.6	3.9
ROAD-LI-LINDSAY20-03	Lindsay Road 20	Lindsay Road 20	Bradley Drive	LCB	0.48	Rural	50-199	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 12,846.11	15.1	3.8
ROAD-SE-ZORRA-01	Zorra Drive	Cape Hurd Road	Eagle Road	LCB	1.58	Rural	50-199	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 42,180.36	15.1	3.8
ROAD-EA-GODERICH-01	Goderich Point Loop	Walter Charman Drive	Walter Charman Drive	LCB	0.75	Rural	50-199	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 20,101.59	15.1	3.8
ROAD-SE-COREY-01	Corey Crescent	Simpson Avenue	Diane Crescent	LCB	2.38	Rural	50-199	6	8.0	5.0	61.8	1-5 YEARS	DST	\$ 126,873.89	27.4	3.4

Appendix C
Northern Bruce Peninsula
Priority Guide Number Ranking (HCB/LCB Roads)

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Priority Rating (PR)	Priority Guide Number (PGN)
ROAD-LI-MILLERLSR-01	Miller Lake Shore Road	Maple Drive	Miller Lake Road	LCB	1.98	Rural	50-199	6	8.1	5.5	65.6	1-5 YEARS	DST	\$ 105,446.85	24.7	3.1
ROAD-SE-CENTENNIA-01	Centennial Drive	Highway 6	Dunks Bay Road	LCB	0.55	Rural	50-199	6	8.1	5.5	66.2	1-5 YEARS	DST	\$ 29,108.99	24.2	3.0
ROAD-LI-LINDSAY20-02	Lindsay Road 20	Lindsay Road 20	Lindsay Road 20	LCB	1.83	Rural	50-199	4	8.4	5.5	68.2	1-5 YEARS	DST	\$ 97,695.10	22.8	2.9
ROAD-EA-SPRYSHORE-01	Spry Shore Road	Spry Road	Burma Road	LCB	2.61	Rural	50-199	6	8.1	6.0	68.2	1-5 YEARS	DST	\$ 139,121.18	22.8	2.9
ROAD-LI-EAST-03	East Road	Cape Chin North Road	Otter Lake Road	LCB	2.16	Rural	50-199	5	8.1	6.0	68.2	1-5 YEARS	DST	\$ 115,144.12	22.8	2.9
ROAD-SE-SIMPSON-01	Simpson Avenue	Hay Bay Road	END	LCB	1.88	Rural	50-199	6	8.8	5.0	69.2	1-5 YEARS	DST	\$ 100,084.64	22.1	2.8
ROAD-LI-LINDSAY20-01	Lindsay Road 20	Highway 6	Lindsay Road 20	LCB	2.04	Rural	50-199	4	8.5	5.5	69.6	1-5 YEARS	DST	\$ 108,570.51	21.8	2.7
ROAD-LI-NOBLE-01	Noble Drive	Miller Lake Shore Road	Miller Lake Road	LCB	0.81	Rural	50-199	6	6.7	4.0	42.1	NOW	PR-DST	\$ 82,001.66	41.5	2.7
ROAD-LH-PHILLIP-01	Phillip Forbes Street	Webster Street	Scott Street	HCB	0.11	Semi-Urban	200-499	6	8.9	5.5	73.9	6-10 YEARS	R1	\$ 17,359.33	23.9	2.6
ROAD-SE-LEGION-01	Legion Street	Highway 6	Hay Bay Road	LCB	0.46	Rural	50-199	6	7.4	4.0	48.8	NOW	PR-DST	\$ 46,680.76	36.7	2.4
ROAD-LI-BIRCH-01	Birch Road	Dyers Bay Road	Shoreline Drive	LCB	0.35	Rural	50-199	6	7.6	4.0	50.8	1-5 YEARS	PR-DST	\$ 35,497.27	35.3	2.3
ROAD-EA-LTPIKEBAY-01	Little Pike Bay Road	Highway 6	The Bury Road	LCB	2.03	Rural	200-499	4	8.2	6.5	73.4	6-10 YEARS	R1	\$ 314,118.10	23.7	2.3
ROAD-SE-BAY-01	Bay Street South	Highway 6	Bay Street South	HCB	0.09	Urban	200-499	6	9.1	6.0	78.1	6-10 YEARS	R1 - EM/O	\$ 16,260.55	20.6	2.2
ROAD-SE-CHISIN-01	Chi-Sintub'dik Road	Highway 6	END	HCB	1.14	Semi-Urban	200-499	5	9.2	6.0	79.0	6-10 YEARS	R1	\$ 176,829.92	19.2	2.1
ROAD-EA-BARROW-03	Barrow Bay Road	Barrow Bay Road	Bruce Road 9	HCB	1.02	Rural	200-499	5	8.9	6.0	76.3	6-10 YEARS	R1	\$ 157,608.66	21.1	2.1
ROAD-EA-STOKESBAY-02	Stokes Bay Road	Norburn Road	Hardwick Cove Road	LCB	3.27	Rural	50-199	3	7.4	5.0	56.5	1-5 YEARS	PR-DST	\$ 331,933.66	31.2	2.1
ROAD-EA-PIKEBAY-06	Pike Bay Road	Stewarts Point	Sutter Road	HCB	0.80	Rural	200-499	5	9.1	6.0	78.8	6-10 YEARS	R1	\$ 124,106.93	18.9	1.8
ROAD-EA-PIKEBAY-05	Pike Bay Road	Whiskey Harbour Road	Stewarts Point	HCB	0.85	Rural	200-499	5	9.1	6.0	78.8	6-10 YEARS	R1	\$ 131,617.89	18.9	1.8
ROAD-SE-DIANE-01	Diane Crescent	Corey Crescent	END	LCB	0.26	Rural	0-49	6	8.6	5.0	67.2	1-5 YEARS	SST	\$ 6,874.97	18.7	1.2
ROAD-LH-WEBSTER-03	Webster Street	Main Street	Alexander Street	HCB	0.11	Urban	50-199	6	8.8	5.5	72.9	6-10 YEARS	R1 - EM/O	\$ 18,499.63	20.7	1.1
ROAD-EA-SPRY-05	Spry Road	Spry Shore Road	Fowlie Road	LCB	0.23	Rural	0-49	6	8.7	5.5	71.6	6-10 YEARS	SST	\$ 6,197.88	16.1	1.0
ROAD-EA-DEVILS-01	Devils Glen	Little Point Road	Purgatory Road	LCB	0.29	Rural	0-49	6	9.1	5.0	71.8	6-10 YEARS	SST	\$ 7,764.92	16.0	1.0
ROAD-EA-LTPOINT-01	Little Point Road	Whiskey Harbour Road	Devils Glen	LCB	0.07	Rural	0-49	6	9.2	5.0	72.5	6-10 YEARS	SST	\$ 1,884.01	15.6	1.0
ROAD-LH-POINTVIEW-01	Point View Drive	Bayfield Street	Webster Street	LCB	0.53	Semi-Urban	0-49	6	8.4	5.5	68.2	1-5 YEARS	DST	\$ 28,068.56	19.0	0.9
ROAD-SE-MYLES-01	Myles Drive	Cape Hurd Road	END	LCB	0.95	Rural	0-49	6	8.8	6.0	74.9	6-10 YEARS	SST	\$ 25,252.23	14.2	0.9
ROAD-LI-LTPINE-02	Little Pine Drive	White Cedar Road	Sadler Creek Road	LCB	1.65	Rural	0-49	6	9.0	6.0	76.2	6-10 YEARS	SST	\$ 43,939.31	13.5	0.9
ROAD-EA-ABERDEEN-01	Aberdeen Avenue	Widgeon Cove Road	END	LCB	0.45	Rural	0-49	6	9.0	6.0	76.2	6-10 YEARS	SST	\$ 11,935.04	13.5	0.9
ROAD-EA-SPRY-06	Spry Road	Fowlie Road	END	LCB	0.08	Rural	0-49	6	8.8	6.5	77.2	6-10 YEARS	SST	\$ 2,123.32	12.9	0.8
ROAD-LH-WEBSTER-04	Webster Street	Alexander Street	Point View Drive	HCB	0.20	Urban	50-199	6	9.2	6.0	79.1	6-10 YEARS	R1 - EM/O	\$ 33,530.87	16.0	0.8
ROAD-EA-WANDABEND-01	Wandabend Road	Widgeon Cove Road	Widgeon Cove Road	LCB	0.30	Rural	0-49	6	9.4	5.5	77.6	6-10 YEARS	SST	\$ 7,918.74	12.7	0.8
ROAD-SE-RAY-01	Ray Drive	Zorra Drive	END	LCB	0.96	Rural	0-49	6	9.1	6.0	77.6	6-10 YEARS	SST	\$ 25,583.81	12.7	0.8
ROAD-SE-RITA-01	Rita Crescent	Myles Drive	Myles Drive	LCB	0.40	Rural	0-49	6	9.1	6.0	77.6	6-10 YEARS	SST	\$ 10,754.29	12.7	0.8
ROAD-EA-BOYDS-01	Boyds Harbour Loop	Walter Charman Drive	END	LCB	1.12	Rural	0-49	6	9.0	6.5	78.6	6-10 YEARS	SST	\$ 29,878.00	12.2	0.8

Appendix C
Northern Bruce Peninsula
Priority Guide Number Ranking (HCB/LCB Roads)

Road Asset ID	Road Name	From Road	To Road	Surface Material	Length (km)	Road Environment	Traffic Range	Maintenance Class	DMI	RIDE	PCI	Time of Need	Treatment	Estimated Costs	Priority Rating (PR)	Priority Guide Number (PGN)
ROAD-EA-PARKER-01	Parker Island Road	Myles Bay Shore Road	Parker Island Road	LCB	0.31	Rural	0-49	6	9.3	6.0	78.9	6-10 YEARS	SST	\$ 8,256.15	12.0	0.8
ROAD-EA-MOORE-04	Moore Street	McCurdy Drive	END	HCB	0.87	Rural	50-199	6	9.0	6.0	78.0	6-10 YEARS	R1	\$ 135,339.78	15.8	0.7
ROAD-EA-FORBES-01	Forbes Road	Whiskey Harbour Road	END	LCB	1.07	Rural	0-49	6	8.3	5.0	64.5	1-5 YEARS	DST	\$ 56,846.28	20.2	0.6
ROAD-SE-ELGIN-03	Elgin Street	Bay Street South	END	LCB	0.16	Rural	0-49	6	7.3	3.0	37.2	NOW	PR-DST	\$ 16,393.91	35.7	0.6
ROAD-EA-PARADISE-01	Paradise Drive	Widgeon Cove Road	END	LCB	0.60	Rural	0-49	6	8.7	5.0	68.5	1-5 YEARS	DST	\$ 32,181.74	17.9	0.6
ROAD-EA-MCLAY-01	McLay Drive	Walter Charman Drive	END	LCB	0.12	Rural	0-49	6	9.7	4.0	69.5	1-5 YEARS	DST	\$ 6,277.22	17.3	0.6
ROAD-LI-SHORELINE-01	Shoreline Drive	Dyers Bay Road	Cabot Head Road	LCB	0.38	Rural	0-49	6	7.8	3.0	41.9	NOW	PR-DST	\$ 38,803.84	33.0	0.6
ROAD-LI-HARKINS-01	Harkins Road	Dyers Bay Road	END	LCB	0.67	Rural	0-49	6	7.3	3.5	42.7	NOW	PR-DST	\$ 68,091.89	32.5	0.5
ROAD-EA-BRAUN-01	Braun Crescent	Spry Road	END	LCB	0.09	Rural	0-49	6	7.6	5.0	57.8	1-5 YEARS	PR-DST	\$ 9,391.90	24.0	0.4
ROAD-SE-ELLEN-01	Ellen Road	Carlton Street	END	HCB	0.06	Semi-Urban	0-49	6	9.2	5.0	72.4	6-10 YEARS	R1	\$ 8,585.12	16.5	0.3
ROAD-LI-DOCK-01	Dock Lane	Dyers Bay Road	END	LCB	0.32	Rural	0-49	6	6.7	2.0	18.8	NOW	REC-ST	\$ 185,996.40	46.1	0.1

Total HCB/LCB Needs: \$8,462,644

Appendix D

Sidewalk Inventory

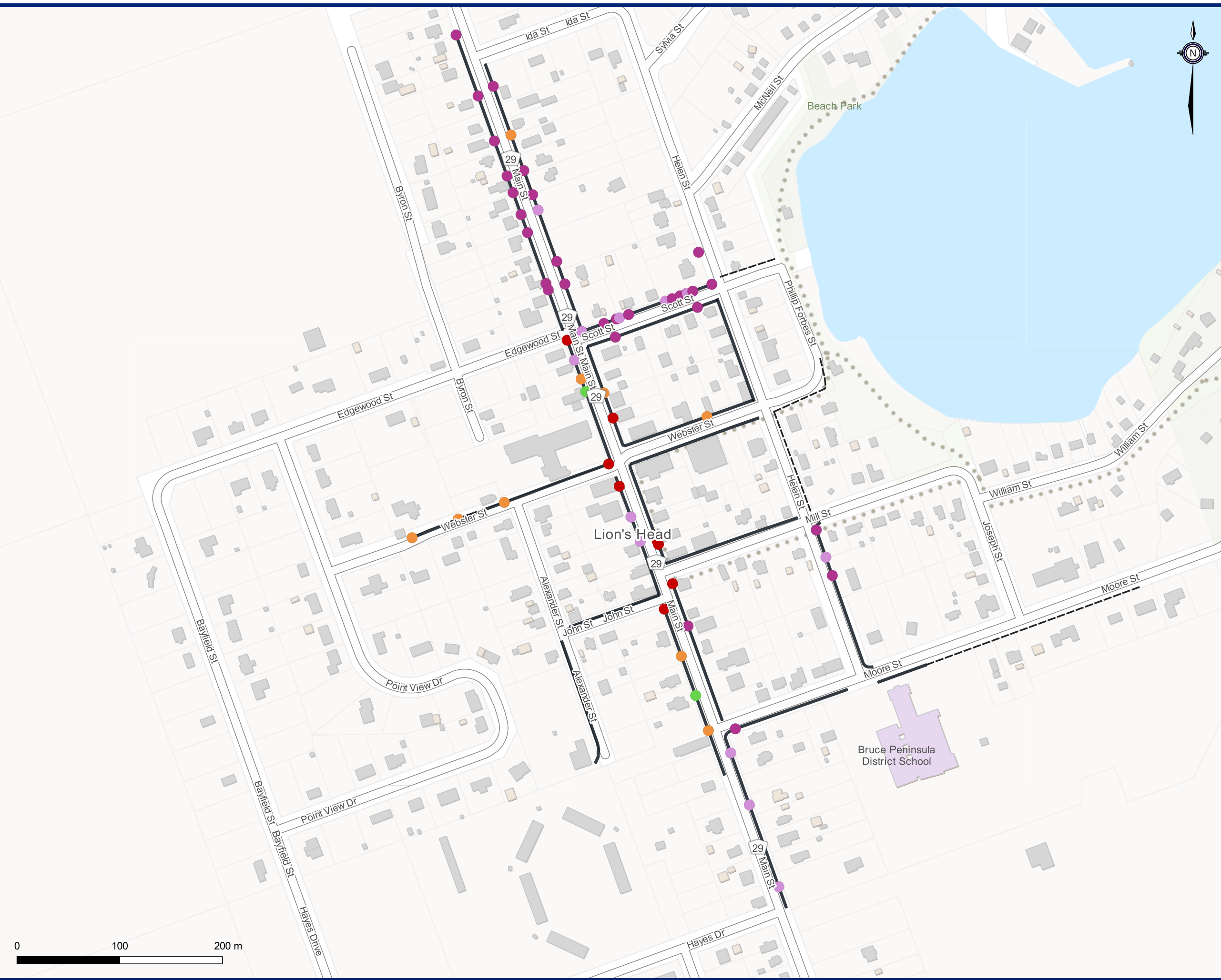
Appendix D
Northern Bruce Peninsula
Sidewalk Inventory Summary

Sidewalk Segment	Road Name	To Street	From Street	Asset Type	Sidewalk Type	Sidewalk Material	Sidewalk Width (m)	Property Type	Defect 1	Defect 1 Count	Defect 2	Defect 2 Count	Defect3	Defect 3 Count	Defect 4	Defect 4 Count	Accessible	Ramp Material	Ramp Safety	Costing
SW-LH-ALEXANDER-01W	Alexander Street	END	John Street	Sidewalk	Monolithic	PCC Slab	1.5	Residential									Yes	PCC Slab	None	\$ -
SW-LH-HELEN-01E	Helen Street	Mill Street	Moore Street	Sidewalk	Monolithic	Asphalt	1.5	Residential	Cracking	2	Spalling/Popouts	1					Yes	Asphalt	None	\$ 535.00
SW-LH-HELEN-03W	Helen Street	Scott Street	Webster Street	Sidewalk	Boulevard	Brick/Pavers	0.9	Residential									Yes	Asphalt	None	\$ -
SW-LH-JOHN-01N	John Street	Main Street	Alexander Street	Sidewalk	Monolithic/ Boulevard	PCC Slab	1.5	Residential									Yes	PCC Slab	None	\$ -
SW-LH-MAIN-01E	Main Street	Moore Street	Hayes Drive	Sidewalk	Monolithic	PCC Slab	1	Residential	Spalling/Popouts	4							Yes	PCC Slab	None	\$ -
SW-LH-MAIN-02E	Main Street	Mill Street	Moore Street	Sidewalk	Monolithic	Brick/Pavers	1.4	Residential	Cracked Slab	1	Trip Hazard	1					Yes	PCC Slab	None	\$ 26,400.00
SW-LH-MAIN-02W	Main Street	John Street	Moore Street	Sidewalk	Monolithic	Brick/Pavers	2	Residential	Depression/Distortion	2	Obstruction	1	Trip Hazard	1			Yes	PCC Slab	None	\$ 24,700.00
SW-LH-MAIN-03E	Main Street	Webster Street	Mill Street	Sidewalk	Monolithic	Brick/Pavers	1.7	Commercial	Trip Hazard	2							Yes	PCC Slab	None	\$ 22,800.00
SW-LH-MAIN-04E	Main Street	Scott Street	Webster Street	Sidewalk	Monolithic	Brick/Pavers	1.6	Commercial	Depression/Distortion	1	Trip Hazard	1					Yes	PCC Slab	None	\$ 21,850.00
SW-LH-MAIN-04W	Main Street	Edgewood Street	Webster Street	Sidewalk	Monolithic	Brick/Pavers	2	Commercial	Depression/Distortion	1	Obstruction	1	Spalling/Popouts	1	Trip Hazard	1	Yes	PCC Slab	None	\$ 32,500.00
SW-LH-MAIN-05E	Main Street	Ida Street	Scott Street	Sidewalk	Boulevard	PCC Slab	1.1	Residential	Depression/Distortion	1	Spalling	2	Cracked Slab	6			Yes	PCC Slab	None	\$ 1,900.00
SW-LH-MAIN-05W	Main Street	Ida Street	Edgewood Street	Sidewalk	Boulevard	PCC Slab	1.15	Residential	Cracked Slab	6	Cracking	3					Yes	PCC Slab	None	\$ 2,400.00
SW-LH-MAIN-03W	Main Street	Webster Street	John Street	Sidewalk	Monolithic	Brick/Pavers	2.5	Commercial	Spalling/Popouts	2	Trip Hazard	1					Yes	PCC Slab	None	\$ 40,625.00
SW-LH-MILL-01N	Mill Street	Helen Street	Main Street	Sidewalk	Monolithic	PCC Slab	1.7	Residential									Yes	PCC Slab	None	\$ -
SW-LH-MOORE-01S	Moore Street	Helen Street	Main Street	Sidewalk	Monolithic	PCC Slab	1.8	Residential	Cracked Slab	1							Yes	PCC Slab	None	\$ 275.00
SW-LH-SCOTT-01N	Scott Street	Helen Street	Main Street	Sidewalk	Boulevard	PCC Slab	1.4	Commercial	Cracked Slab	7	Cracking	2	Spalling/Popouts	3			Yes	PCC Slab	None	\$ 2,750.00
SW-LH-SCOTT-01S2	Scott Street	Helen Street	Main Street	Sidewalk	Boulevard	PCC Slab	1.4	Residential	Cracked slab	1							Yes			\$ 275.00
SW-LH-WEBSTER-02N1	Webster Street	Helen Street	Main Street	Sidewalk	Monolithic	PCC Slab	1.5	Commercial									Yes			\$ -
SW-LH-WEBSTER-02N2	Webster Street	Helen Street	Main Street	Sidewalk	Monolithic	Brick/Pavers	1.4	Commercial	Depression/Distortion	1							Yes			\$ 275.00
SW-LH-WEBSTER-02S	Webster Street	Helen Street	Main Street	Sidewalk	Monolithic	PCC Slab	1.6	Commercial									Yes	PCC Slab	None	\$ -
SW-LH-WEBSTER-04N	Webster Street	Point View Drive	Main Street	Sidewalk	Monolithic	Brick/Pavers	1.1	Commercial	Depression/Distortion	3	Trip Hazard	1					Yes	PCC Slab	None	\$ 28,600.00
SW-SE-BAY-01N	Bay Street South	Brock Street	Highway 6	Ramp			0	Residential									No			\$ 1,000.00
SW-SE-BAY-02S	Bay Street South	Brock Street	Highway 6	Sidewalk	Monolithic	Brick/Pavers	1.7	Commercial	Cracking	1	Depression	3	Obstruction	2	Trip hazard	1	Yes	Brick/Pavers	None	\$ 7,750.00
SW-SE-BROCK-01E	Brock Street	Head Street	Nicholas Street	Sidewalk	Monolithic	PCC Slab	1.5	Commercial	Pothole	1							Yes	PCC Slab	None	\$ -
SW-SE-BROCK-01W	Brock Street	Head Street	Nicholas Street	Sidewalk	Monolithic	PCC Slab	1.5	Residential	Cracked Slab	2	Cracking	1					Yes	PCC Slab	None	\$ 800.00
SW-SE-BROCK-02E	Brock Street	Bay Street South	Head Street	Sidewalk	Monolithic	PCC Slab	1.5	Commercial									Yes	PCC Slab	None	\$ -
SW-SE-CARLTON-01N	Carlton Street	Eliza Street	Highway 6	Sidewalk	Monolithic	Asphalt	1.5	Commercial	Cracking	3	Obstruction	1	Spalling/Popouts	3			No			\$ 1,800.00
SW-SE-CARLTON-01S1	Carlton Street	Eliza Street	Highway 6	Sidewalk	Monolithic	Asphalt/PCC Slab	1.2	Commercial	Cracking	2	Pothole	1	Spalling/Popouts	1	Trip hazard	1	Yes	PCC Slab	None	\$ 725.00
SW-SE-CARLTON-01S2	Carlton Street	Eliza Street	Ellen Road	Sidewalk	Monolithic	PCC Slab	1.5	Commercial	Spalling/Popouts	1							Yes	PCC Slab	None	\$ -
SW-SE-ELIZA-01W	Eliza Street	Front Street	Carlton Street	Sidewalk	Monolithic	PCC Slab	1.5	Commercial	Cracking	2	Spalling/Popouts	1					Yes	PCC Slab	None	\$ 535.00
SW-SE-HARPUR-01E	Harpur Drive	Harpur Drive	Head Street	Sidewalk	Pathway	Asphalt	1.8	Residential									Yes	Asphalt	None	
SW-SE-HAYBAY-01N	Hay Bay Road	Legion Street	Highway 6	Sidewalk	Monolithic	Brick/Pavers	1.5	Commercial									Yes	Brick/Pavers	None	
SW-SE-HEAD-01S	Head Street	Brock Street	Highway 6	Sidewalk	Monolithic	PCC Slab	1.5	Residential	Cracked Slab	5	Cracking	2					Yes			\$ 1,900.00
SW-SE-HEAD-02N2	Head Street	Harpur Drive	Brock Street	Sidewalk	Boulevard	PCC Slab	1.4	Residential	Cracked Slab	1	Cracking	1					Yes	PCC Slab	None	\$ 535.00
SW-SE-HEAD-02S	Head Street	Harpur Drive	Brock Street	Sidewalk	Monolithic	PCC Slab	1.4	Commercial	Cracking	1							Yes	PCC Slab	None	\$ 275.00
SW-SE-HIGHWAY6-01E	Highway 6	Head Street	Nicholas Street	Sidewalk	Monolithic	PCC Slab	1.5	Commercial	Cracked Slab	5	Spalling/Popouts	1					Yes	PCC Slab	None	\$ 1,350.00
SW-SE-HIGHWAY6-02E	Highway 6	Bay Street South	Head Street	Sidewalk	Monolithic	PCC Slab	1.4	Commercial	Cracked Slab	2	Cracking	2	Spalling/Popouts	2			Yes	PCC Slab	None	\$ 1,100.00
SW-SE-HIGHWAY6-03E	Highway 6	Carlton Street	Bay Street South	Sidewalk	Monolithic	Asphalt	1.3	Commercial	Depression	1	Spalling/Popouts	1					Yes	PCC Slab	None	\$ 1,000.00
SW-SE-LEGION-01E	Legion Street	Hay Bay Road	Legion Street	Sidewalk	Monolithic	Brick/Pavers	1.5	Commercial									Yes	Brick/Pavers	None	
SW-SE-SCOTT-01S1	Scott Street	Helen Street	Main Street	Sidewalk	Boulevard	Asphalt	1.4	Commercial	Cracking	1							Yes	PCC Slab	None	\$ 275.00



Sidewalk Inspection Defects

- Cracked Slab
- Depression/Distortion
- Obstruction
- Spalling/Popouts
- Trip Hazard
- Sidewalks
- Consideration for Additional Sidewalk



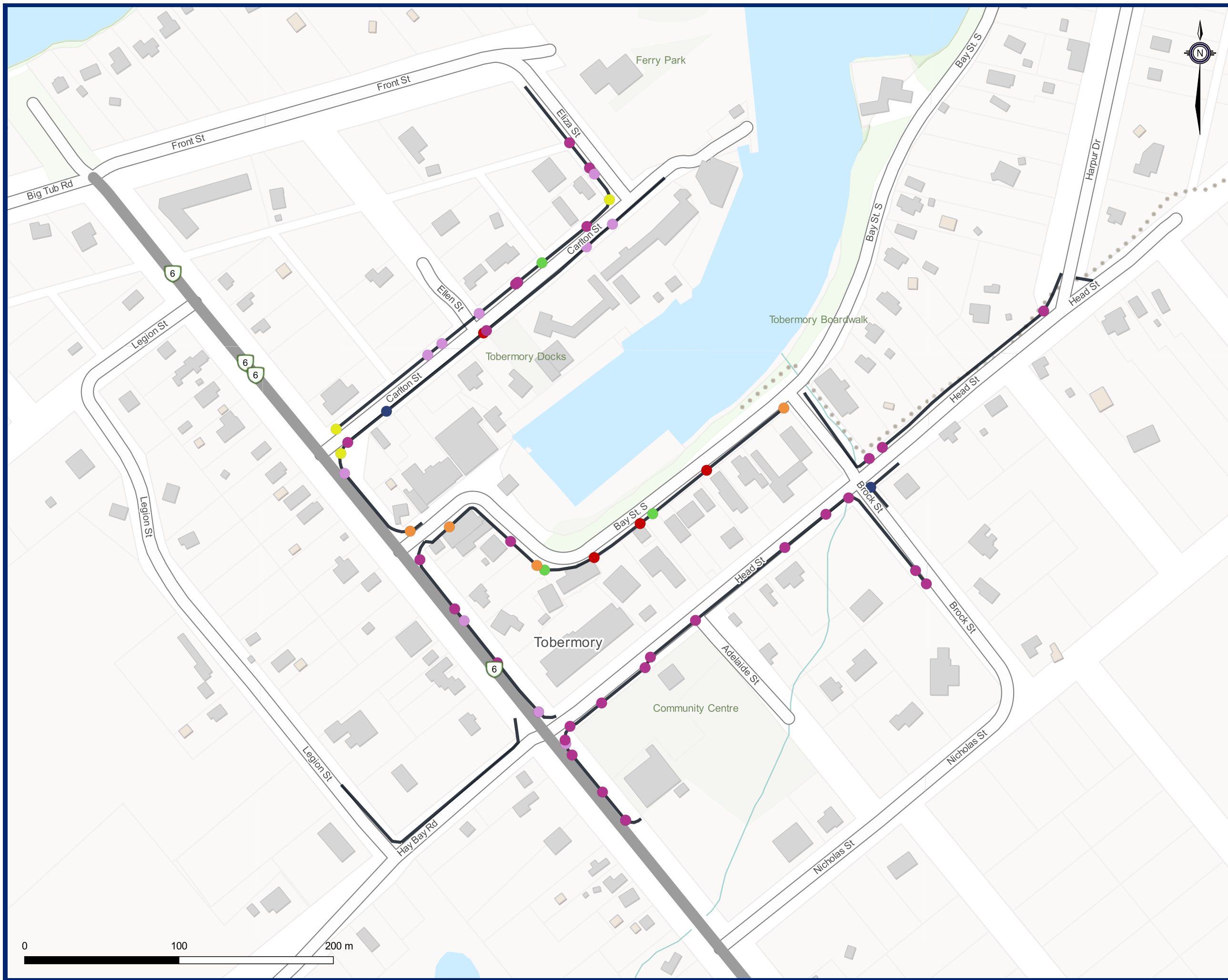
Sidewalk Inspection Defects





Sidewalk Inspection Defects

- Cracked Slab
- Depression/Distortion
- Obstruction
- Pothole
- Spalling/Popouts
- Trip Hazard
- Missing Ramp
- Sidewalks



Sidewalk Inspection Defects

