

STAFF REPORT: Engineering and Public Works Department



REPORT TO: Infrastructure & Recreation Committee
MEETING DATE: January 26, 2010
REPORT NO.: EPW.10.012
SUBJECT: Roads Needs Study Presentation 2009-2013
PREPARED BY: Jim McCannell- Manager of Roads and Drainage

A. Recommendations

THAT Council receives Report EPW.10.012 entitled "Road Needs Study Presentation 2009-2013" for their information.

B. Background

R.J. Burnside and Associates was awarded the contract to review and update the Roads Needs Study for 2009. In addition to the Roads Needs component of the report the Town also asked for an inventory for the Tangible Capital Assets (TCA) as well as a study to identify streetlighting, sidewalks, speed limits and significant low volume roads.

The TCA component has been received and incorporated into the Town inventory in November of 2008. The Staff at R.J. Burnside are completing the remaining components. At this time Town Staff is reviewing the speed limit and significant low volume roads. The consultant from R.J. Burnside is attending the Infrastructure and Recreation Committee to receive input prior to completing the speed limit and significant low volume roads components.

Speed limit review

During amalgamation in 1998 the default speed limit on all roads within the Town became 50 km/h unless designated by By-law. This report will review and evaluate appropriate speed limits for areas that should vary from the 50 km/h default. The attached maps K 1 to 5, show the suggested speed limits within the Town. The report will also provide a consolidated by-law that could be used.

Town Staff will be required to work with the County and O.P.P. to explore the best ways to sign and notify motorists of any speed limit changes.

Significant low volume roads

Several roads within the Town have remained relatively unimproved with gravel surfaces, narrow widths and are built to below modern standards. These roads have been established over the years and are significant to the character of the rural settings. The cost of capital improvements would be very high due to the terrain and constraints posed by natural features. Road improvements could substantially change the rural setting and alter the characteristics of an area.

The attached map M-2 shows the locations of significant low volume roads within the Town that are proposed by the Consultant to remain as unimproved roads. It should be noted that Road Segment 1066, 12th Sideroad is shown as low volume road, this road is actually scheduled for improvement as a Development Charges Road in conjunction with the Development of Castle Glen. The map has not been modified to reflect this change.

C. The Blue Mountains' Strategic Plan

This Report furthers the Town's Strategic Plan Goal # 6 "Providing a strong well managed municipal government."

D. Environmental Impacts

None.

E. Budget Impact

None.

F. Attached

1. Maps Roads Needs Study 2009-2013

Respectfully submitted,

Jim McCannell
Manager of Roads and Drainage Division
Works
Engineering and Public Works
Office: 519-599-3131 Ext 271
Fax: 519-599-3664
jmccannell@thebluemountains.ca

Reg Russwurm
Director of Engineering and Public

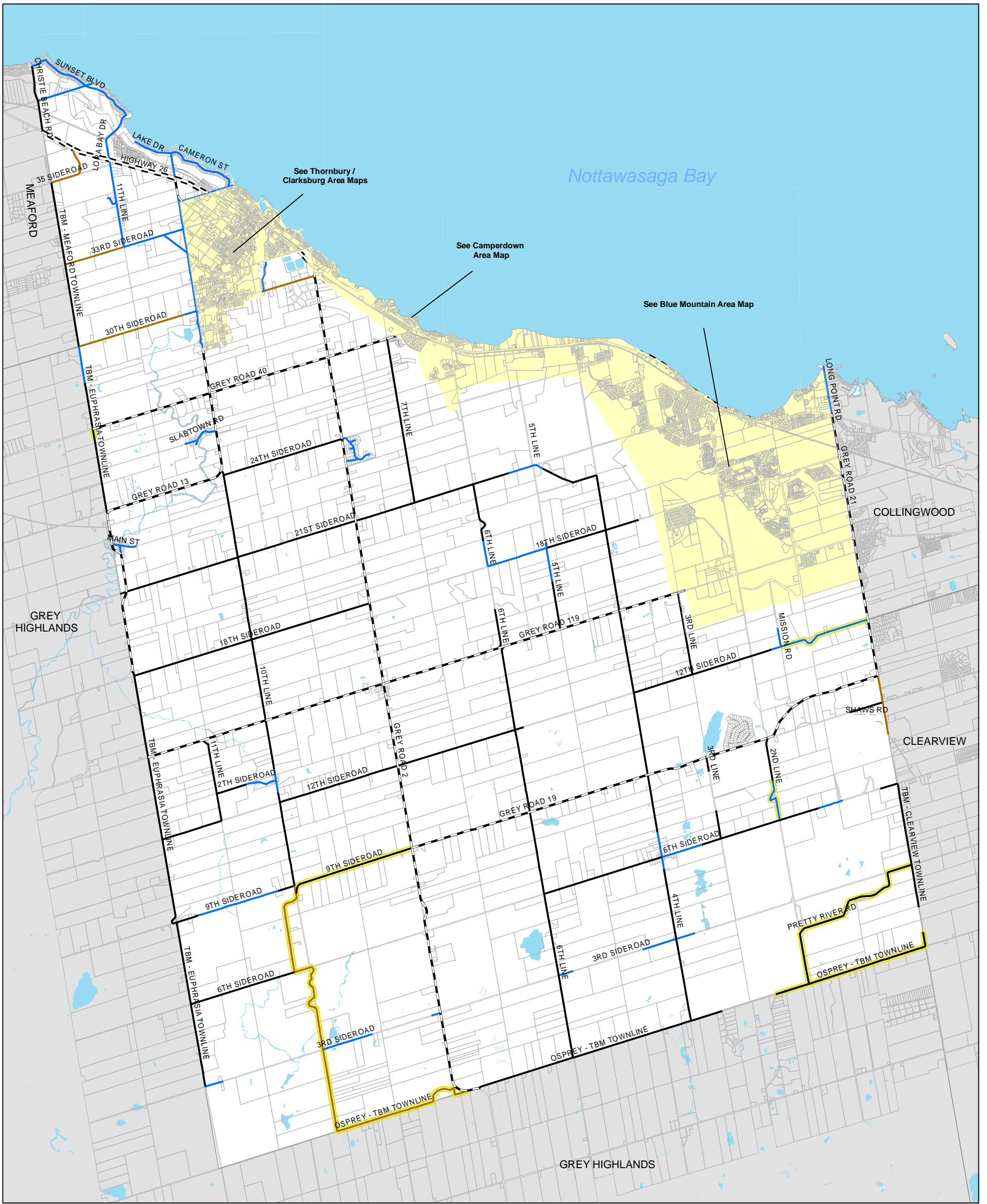


FIGURE K-1
TOWN OF THE BLUE MOUNTAINS
ROAD NEEDS STUDY - 2009 TO 2013
SPEED LIMITS

Legend

Unassumed Road Sections

- Unassumed Roads
- County / Region
- Provincial

Assumed Road Sections

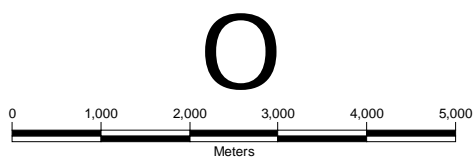
Speed Limit (km/h)

- 25
- 40
- 50
- 60
- 70
- 80
- Review Warning Signage

SOURCES: Base Data Provided by the Town of The Blue Mountains and the Ontario Ministry of Natural Resources.

DISCLAIMER:
 R.J. Burnside and Associates and the above mentioned sources are not responsible for any errors, omissions or inaccuracies in the data depicted on this map. It is the responsibility of the user of this map to verify the accuracy of the data depicted.

Scale: 1:85000
 Date: October, 2009
 Projection: UTM Zone 17
 Datum: NAD 83
 Project: MCG 15265
 Prepared By: Anthony Jay
 Verified By: Ron Kerr



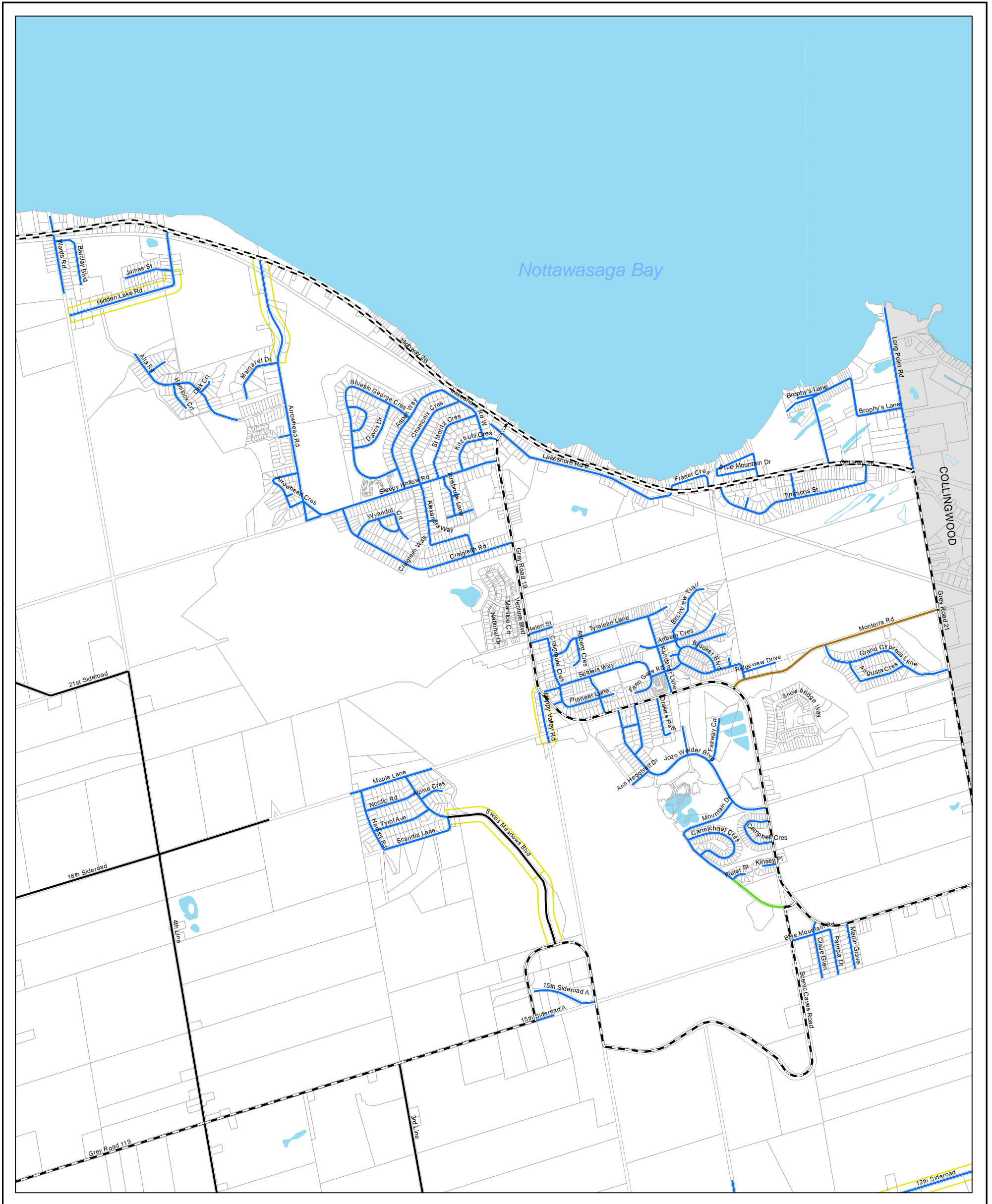


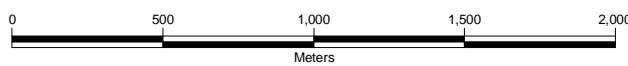
FIGURE K-2

TOWN OF THE BLUE MOUNTAINS
BLUE MOUNTAIN AREA

ROAD NEEDS STUDY - 2009 TO 2013

SPEED LIMITS

- Legend**
- Unassumed Road Sections**
- Unassumed Roads
 - County / Region
 - Provincial
- Assumed Road Sections**
- Speed Limit (km/h)**
- 25
 - 40
 - 50
 - 60
 - 70
 - 80
 - Review Warning Signage



SOURCES: Base Data Provided by the Town of The Blue Mountains and the Ontario Ministry of Natural Resources.

DISCLAIMER:
R.J. Burnside and Associates and the above mentioned sources are not responsible for any errors, omissions or inaccuracies in the data depicted on this map. It is the responsibility of the user of this map to verify the accuracy of the data depicted.

Scale: 1:25000
Date: October, 2009

Projection: UTM Zone 17
Datum: NAD 83

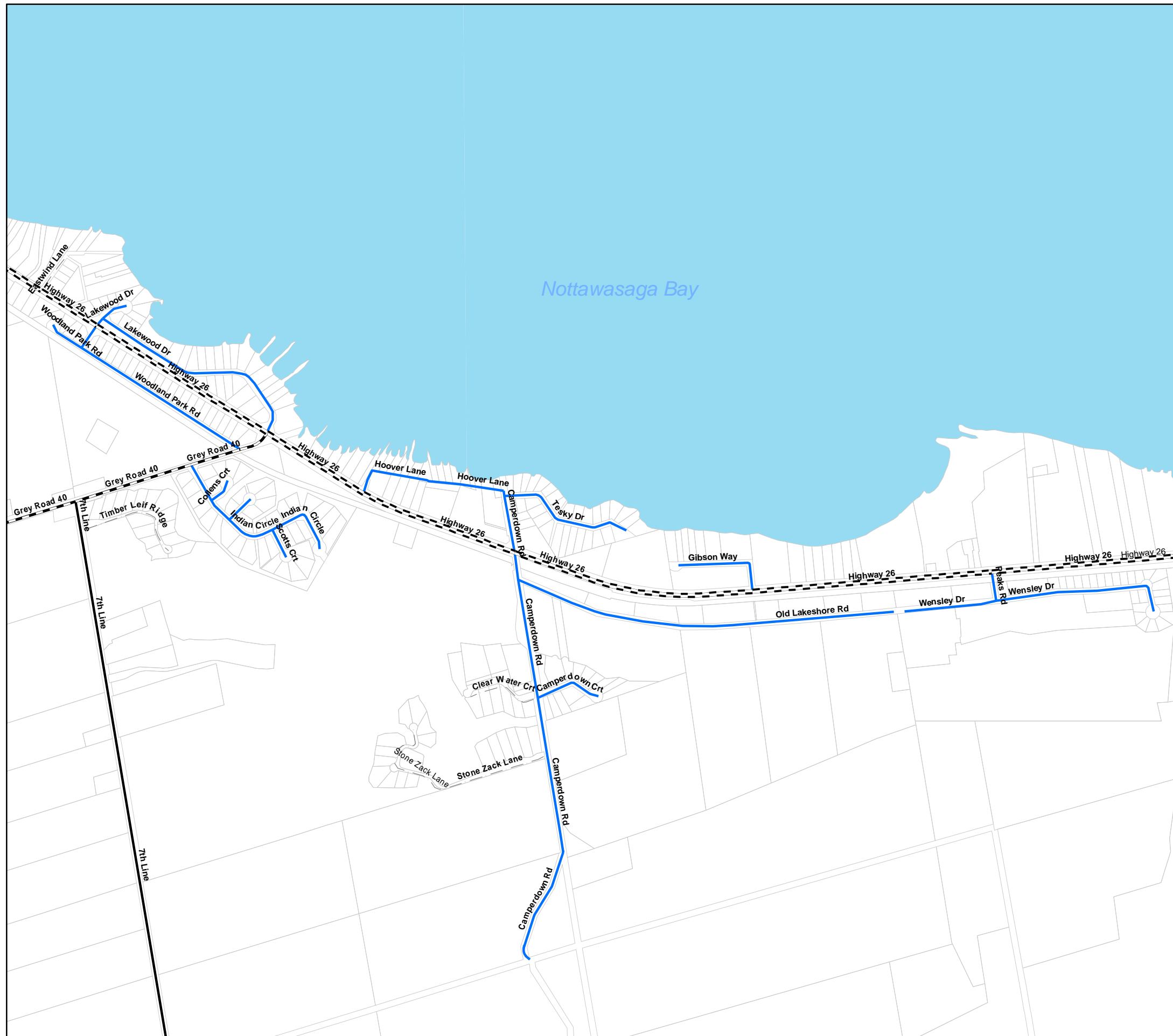
Project: MCG 15265
Prepared By: Anthony Jay

Verified By: Ron Kerr



BURNSIDE

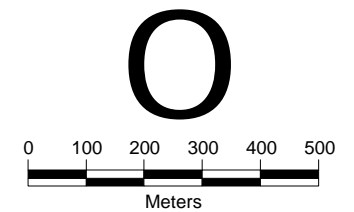
FIGURE K-3
TOWN OF THE BLUE MOUNTAINS
CAMPERDOWN
ROAD NEEDS STUDY - 2009 TO 2013
SPEED LIMITS



- Legend**
- Unassumed Road Sections**
- Unassumed Roads
 - County / Region
 - Provincial
- Assumed Road Sections**
- Speed Limit (Km/h)**
- 25
 - 40
 - 50
 - 60
 - 70
 - 80
- Review Warning Signage

SOURCES: Base Data Provided by the Town of The Blue Mountains and the Ontario Ministry of Natural Resources.

DISCLAIMER:
 R.J. Burnside and Associates and the above mentioned sources are not responsible for any errors, omissions or inaccuracies in the data depicted on this map. It is the responsibility of the user of this map to verify the accuracy of the data depicted.



Scale: 1:13000
 Date: October, 2009

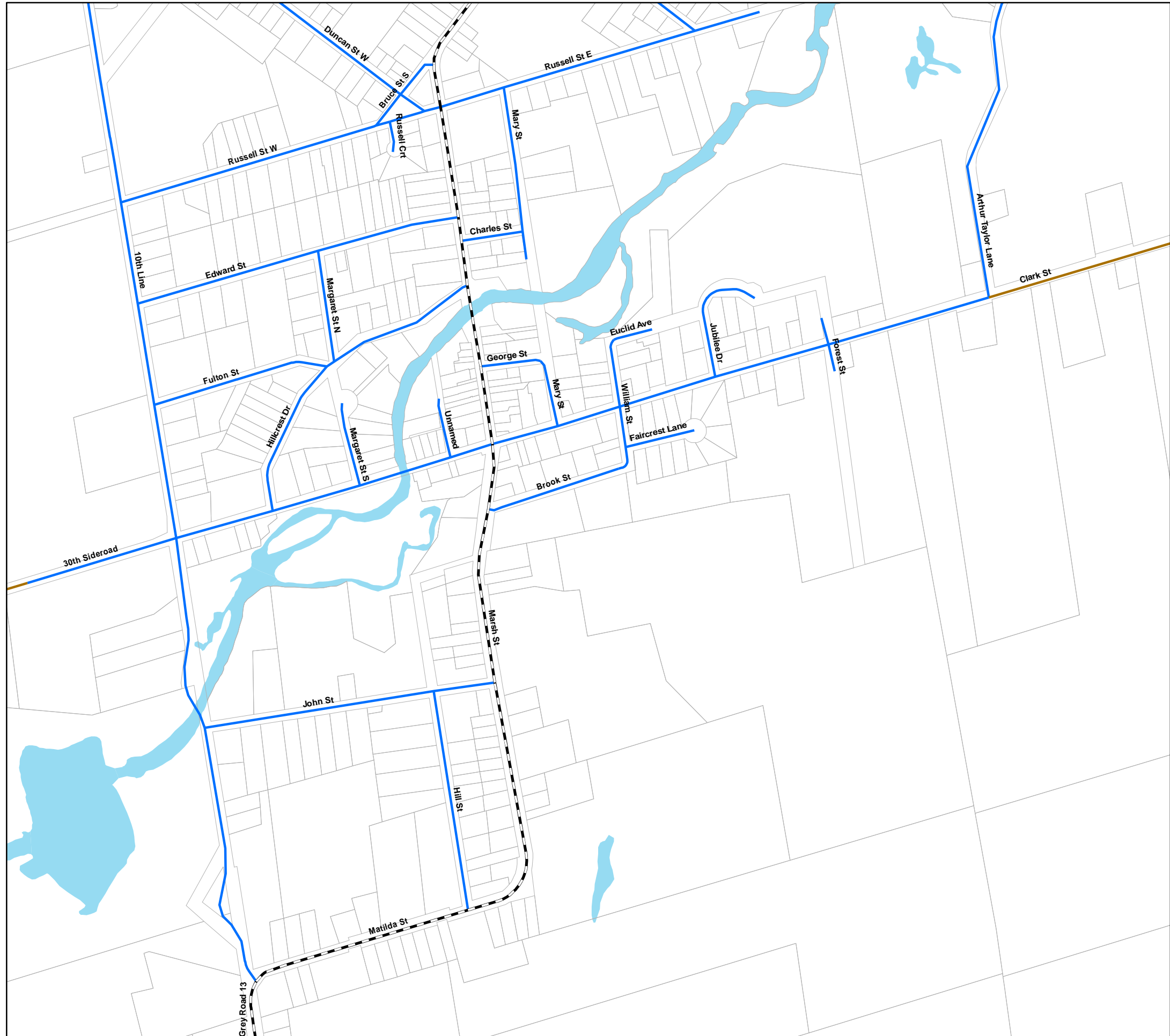
Projection: UTM Zone 17
 Datum: NAD 83

Project: MCG 15265
 Prepared By: Anthony Jay

Verified By: Ron Kerr



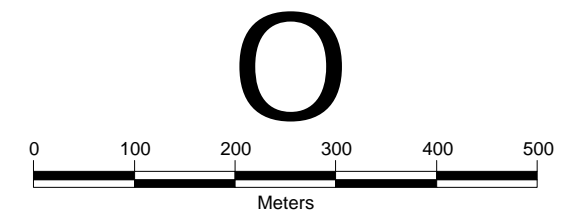
FIGURE K-4
TOWN OF THE BLUE MOUNTAINS
CLARKSBURG
ROAD NEEDS STUDY - 2009 TO 2013
SPEED LIMITS



- Legend**
- Unassumed Road Sections**
- Unassumed Roads
 - County / Region
 - Provincial
- Assumed Road Sections**
- Speed Limit (Km/h)**
- 25
 - 40
 - 50
 - 60
 - 70
 - 80
 - Review Warning Signage

SOURCES: Base Data Provided by the Town of The Blue Mountains and the Ontario Ministry of Natural Resources.

DISCLAIMER:
 R.J. Burnside and Associates and the above mentioned sources are not responsible for any errors, omissions or inaccuracies in the data depicted on this map. It is the responsibility of the user of this map to verify the accuracy of the data depicted.



Scale: 1:7500
 Date: October, 2009
 Projection: UTM Zone 17
 Datum: NAD 83
 Project: MCG 15265
 Prepared By: Anthony Jay
 Verified By: Ron Kerr



FIGURE K-5 TOWN OF THE BLUE MOUNTAINS THORNBURY ROAD NEEDS STUDY - 2009 TO 2013 SPEED LIMITS

Legend

Unassumed Road Sections

- Unassumed Roads
- County / Region
- Provincial

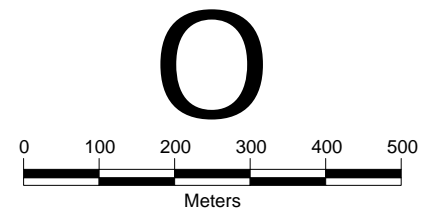
Assumed Road Sections

Speed Limit (Km/h)

- 25
- 40
- 50
- 60
- 70
- 80
- Review Warning Signage

SOURCES: Base Data Provided by the Town of The Blue Mountains and the Ontario Ministry of Natural Resources.

DISCLAIMER:
R.J. Burnside and Associates and the above mentioned sources are not responsible for any errors, omissions or inaccuracies in the data depicted on this map. It is the responsibility of the user of this map to verify the accuracy of the data depicted.



Scale: 1:10000
Date: October, 2009

Projection: UTM Zone 17
Datum: NAD 83

Project: MCG 15265
Prepared By: Anthony Jay

Verified By: Ron Kerr



BURNSIDE



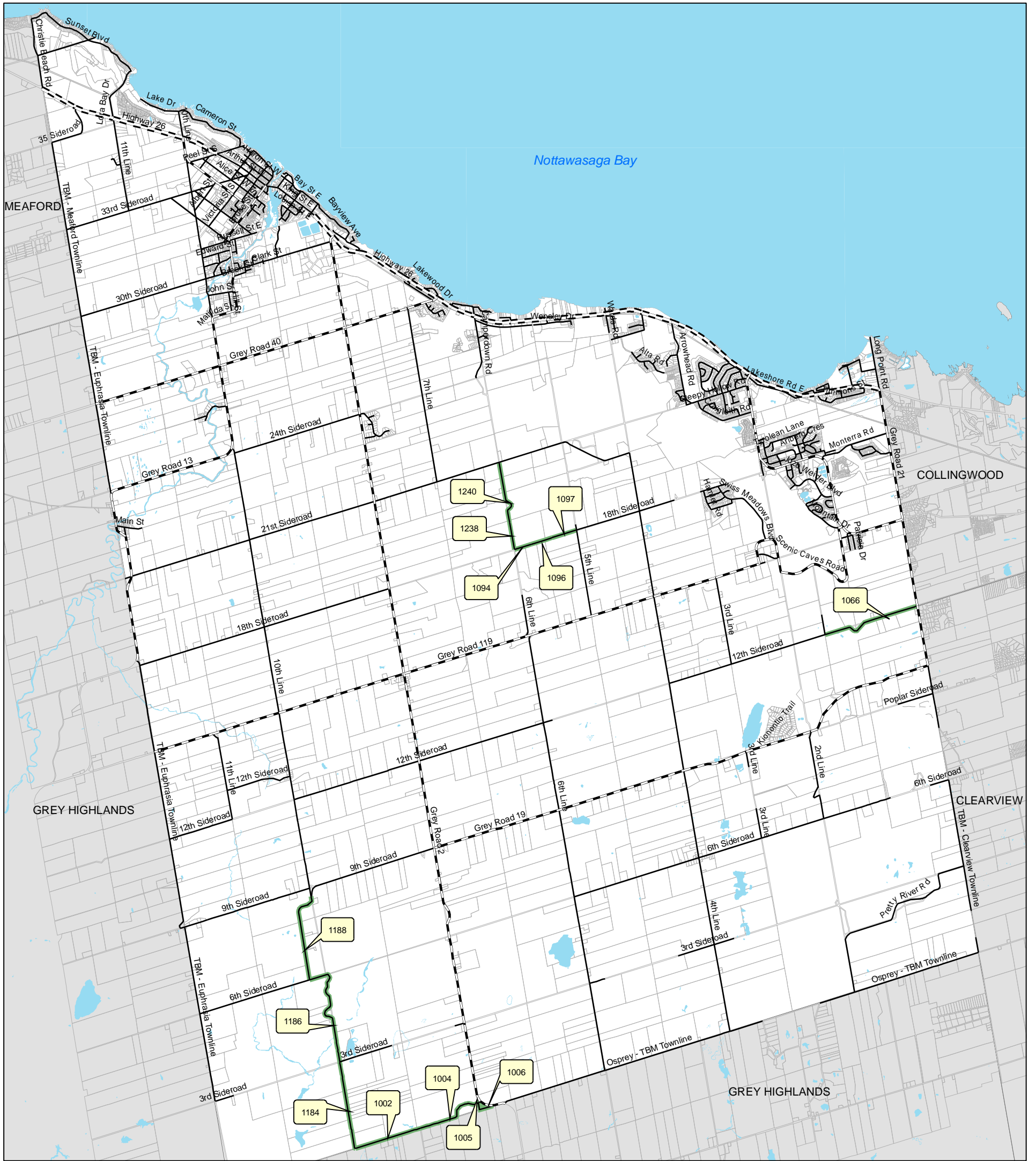
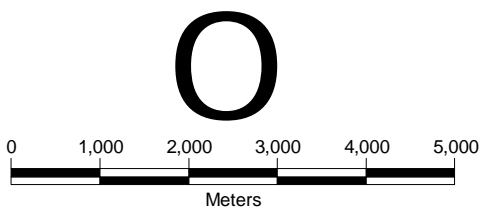


FIGURE M-2
THE TOWN OF THE BLUE MOUNTAINS
ROAD NEEDS STUDY - 2009 TO 2013
LOW VOLUME
ROADS



Scale: 1:40000
 Date: October, 2009

Projection: UTM Zone 17
 Datum: NAD 83

Project: MCG15265
 Prepared By: ANTHONY JAY

- Legend**
- Municipal Road Sections**
- No
 - Yes
- County or MTO**
- County / Region
 - Provincial
 - █ Low Volume Roads

SOURCES: BASE DATA PROVIDED BY THE TOWN OF THE BLUE MOUNTAINS AND THE ONTARIO MINISTRY OF NATURAL RESOURCES.

