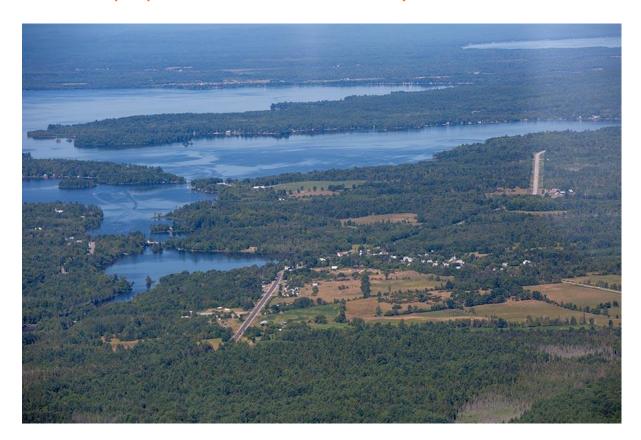


# Township Speed Limit Review Study



#### **Prepared For:**

Township of North Algona Wilberforce 1091 Shaw Woods Road, Eganville ON , KOJ 1TO

#### **Prepared By:**

**EXP Services Inc.** 

#### **Project Number:**

OTT-22026150-A0

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#### 1. Introduction

The Township of North Algona Wilberforce retained EXP Services Inc. (EXP) to complete the Township Speed Limit Review Study. The objective of the Study was to review the entire township road network, of approximately 200 kilometers of rural roads, and to complete a holistic evaluation of the network based on existing roadway criteria and risk factors within the corridors. This includes considering the safe management and rural nature of the roadways. The road speed review allows the evaluation of the road system and also creates an opportunity for public information sharing and education on posted speeds through the reporting the project's results.

The Township of North Algona Wilberforce is a municipality in Renfrew County located in Eastern Ontario (see Figure 1 and Figure 2). The Township of North Algona Wilberforce encompasses an area of 378.98 km<sup>2</sup> and a population of nearly 3,111 (2021), with a significant cottage/vacation home population. Forestry is the most significant use of land in the Township (County of Renfrew Official Master Plan), along with Agriculture which has a noticeable presence. The Township encompasses the communities of Allans Corners, Beef Town, Budd Mills, Crooked Rapids, Deacon, Dore Bay, Duquette's Farm, Fourth Chute, Germanicus, Golden Lake, Green Lake, Higginson's Hill, Lake Dore, Lett's Corners, Mink Lake, Mud Lake, Rankin, Slabtown, Trevor Ouellette Lake and Woito. The neighboring communities are Eganville, Pembroke, and Renfrew.





Figure 1: Location Map: Renfrew County

Figure 2: Map of North Algona Wilberforce

# 2. Background

The Township of North Algona Wilberforce (NAW) is defined as a local municipality under the Ontario Highway Traffic Act. Currently, any road within a Township without a signed speed limit is governed by the Statutory Speed Limits as set out in Part of the Ontario Highway Traffic Act. For uniformity of speed limits and to economize the cost of installation of speed limit signs, statutory limits were included in the Act. Under the Act, The Municipality is empowered to impose alternative speed signs to the statuary speed limit signs with the publication of the By-Law and installation of speed sign limits. Therefore, to evaluate the Township's entire road network for appropriate posted speed limits while taking into consideration the rurality of many of the Township's roads, the Township of North Algona Wilberforce initiated this Speed Limit Review Study.



The Goals of this Study include the following:

- Evaluating the Township's entire road network for appropriate posted speed limits.
- Ensuring that the Study reflects road features such as road surface, horizontal alignment, vertical alignment, lane width, intersections, interchanges, on-street parking, and roadside hazards.
- Improving safety for all vehicle types and pedestrian and cyclist exposure while considering road features such as on-street parking, emergency vehicle use, and school bus routes.

#### 2.1 Objectives of the Study

The primary objective of this Speed Limit Review Study is to create a plan to produce a set of suggestive recommendations for updating existing posted speed with a safe and reasonable speed limit for each section of road within the community study area.

Suggested changes to posted speed limits were determined with the following principles in mind:

- To be reflective of rural road traffic volumes.
- To accommodate road features such as road surface, horizontal alignment, vertical alignment, lane width, intersections, interchanges, on-street parking, and roadside hazards.
- To enhance the safety of vulnerable road users such as pedestrians and cyclists.
- To be reflective of road use and road users: horse-drawn transportation, emergency vehicle use, school bus stops and routes.
- To improve overall road safety and reduce the number of traffic collisions.
- To reduce the environmental impact of roadway traffic (i.e.,vehicle noise, vibration, and emissions); and follow the relative legislation

#### 2.2 Township of North Algona Wilberforce Context

With a changing economic environment, the Township of North Algona Wilberforce is projected to gain additional residents in the next few years with a growth rate of 1.8% (County of Renfrew Official Plan). This is a result of the communities growing in popularity, especially the Mennonite community, indicating higher numbers of horses and buggies on the local roads. One of the unique characteristics of the Township is that in the summer, the population grows by 30 to 40% because of the number of people who have cottages that are surrounded by lakes and rivers. Also, some of the communities are growing in cycling popularity, and some parts of the community see a higher number of pedestrians. The residents of the Township have identified traffic safety needs and continue to express interest in safer roadways with appropriate speed limits and the ability to travel efficiently.

A number of County Roads and Provincial Highways pass through the Township of North Algona Wilberforce. County Road 56 (Woito Station Road) runs on the Northern border separating Laurentian Valley Township and NAW Township border. County Road 30 (Lake Dore Road) travels east-west between Highway 60 and Highway 41. County Road 9 (Bulger Road) runs north-south, separating Laurentian Valley Township and Admaston and Bromley Townships from the NAW Township Border. Highway 60 and Highway 41 are major Provincial highways passing through the Township in the West and East directions, respectively. Highway 60 travels along Golden Lake, Bonnechere River, and Eganville, and Highway 41 travels along Lake Doré (see **Figure 3**).



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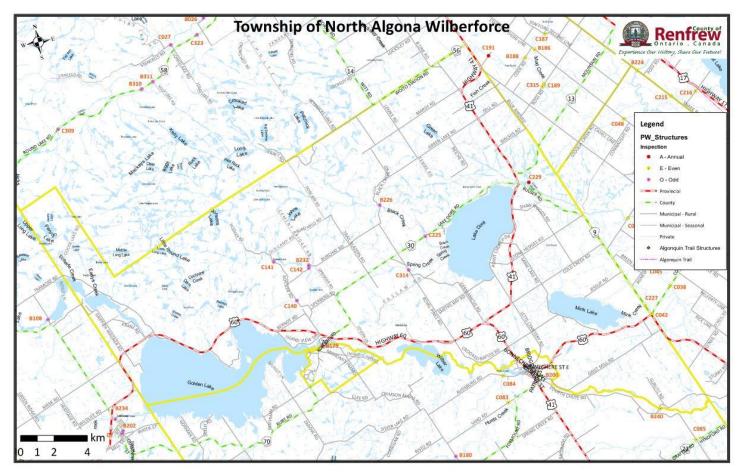


Figure 3: Map showing Provincial Highways and County Roads within NAW.

Most of the drivers who use the local roads may not necessarily be residents of the Township and not be familiar with the roadways and presence of cyclists, pedestrians, and horse and buggy users, which often contributes to speeding on local roads. The primary objective of setting appropriate speed limits is safety. To optimize safety, it is necessary to decrease vehicle speeds in a reasonable way, as some vehicles (farm vehicles, horse and buggies), cyclists, and pedestrians move at speeds much lower than the characteristics of average vehicle on the road allow. A reasonable approach would be setting a speed limit that represents, under most conditions, a reasonable point of equilibrium between mobility and safety.



#### 2.3 Background Information Review

These published documents have been consulted to offer valuable insights into regulatory policies and planning related to roadway roles and functions. The list is presented in **Table 1**.

**Table 1: Reference Documents** 

Reference Documents	Brief Description	Organization
Canadian Guidelines for Establishing Posted Speed Limits, 2009	Guidance and processes were developed to enhance consistency in evaluating posted speed limits that would match the expectation of drivers for a given roadway and its surrounding area.	Transportation Association of Canada (TAC)
Ontario Highway Traffic Act	The Highway Traffic Act is an Ontario Act that regulates the licensing of vehicles, the operation of roads, classificaon of traffic offences, and administration of loads, classification of vehicles, and other transport-related issues.	Ontario Provincial Government
City of Ottawa Speed Zoning Policy For Urban and Rural Roads, 2009	This policy proposes appropriate speed limits for the major roadway system, as well as for all classes of Road, including local collectors, residential neighbourhood streets, school zones, and gravel roadways, in an attempt to standardize speed limits for similar types of roads and adjacent developments.	City of Ottawa
County of Renfrew By-Law to Authorize Speed Limits (By-Law number 20-22)	By-Law indicating Speed Limits for County Roads	County of Renfrew

Other additional information was collected and reviewed, including;

- <u>By-Law No. 2016-25 of Township of North Algona Wilberforce:</u> The Township provided By-Law No. 2016-25, which indicates adopting minimum maintenance standards for municipal highways. It includes information on road names, descriptions of road types, posted speed limits, and the class of the road based on applicable speed limits and the average annual daily traffic as part of a highway under the jurisdiction of a municipality in Ontario.
- <u>Asset Management Plan Roads and Buildings:</u> The Township provided information related to the Street Names, Start and End Locations, Total Length of the Roadway, Environment (Rural), Type of Pavement, Traffic Range, Condition Rating, and presence of School Bus Route.



• Road Needs Study, 2008: The Township provided its Roads Needs Study, 2008 for the North Algona Wilberforce Township. This included information on Road Standards and MTO's Directive B-36, which contains information on Geometric Design standards for Rural Two-Lane Roads. It provides insight into Design Speeds for County roadways based on Road Geometry and average daily traffic volume (AADT). Based on the criteria set up in MTO's Directive B-36 and Traffic Volume provided in Road Needs Study, 2008, the Design Speed could be either 70 Km/hr or 60 Km/hr for the Road with a volume less than 400 AADT, with a maximum grade of 12%, a lane width of 3.00 m, and a shoulder of 1.00m. Similarly, on a Road with a volume less than 400 AADT with a maximum grade of 8%, a lane width of 3.25m, and a shoulder of 1.00m, the design speed could be 80km/hr. The Design Speed was related to the Design year AADT, Grade of the Road, Lane, and Shoulder Width.

The majority of the Township's Rural and Gravel Roads traffic range falls under 0-49, for Paved- Low-Class Bituminous Surface (LCB) Roads, the traffic range falls under 50-199; for Paved- Cold Laid Surface (CL), the traffic range falls under 50-199; and for Paved- High-Class Bituminous Surface (HCB), the majority of traffic range falls under 50-199 with a few exceptions that fall under the range of 400-999. Based on the information provided in the Road Needs Study, it could be concluded that the Design Speed of the Township's Road varies from 50 Km/hr to 80 Km/hr. During the background information review, no other documents were provided by the Township related to the Design Speed of the Township's Road.

- <u>OPP 2023 Calls for Service Details:</u> This document has information on Traffic related calls to the Ontario Provincial Police (OPP) relating to Motor Vehicle Collisions. The specific location was not included; therefore, those data would not have significance in the current Study.
- <u>Township map showing the Cycling Routes, ATV Routes, and Routes used by the Mennonites community:</u> The information on the Map helped the EXP team understand the community use of local roadways, which assisted in suggesting proper speed limits.
- <u>GIS mapping:</u> County of Renfrew GIS database was accessed for the Map of the Township of North Algona Wilberforce. The GIS information was used for the initial survey and mapping used in the review.
- **2015 Sign Inspection and Inventory:** The Township provided a spreadsheet listing of the road signs. It helped the EXP team gain insights into existing road signs in the Township.

Information from the above-mentioned documents were used in completing the Speed Limit Review Study report.

# 3. Speed and Safety

#### 3.1 Definitions

- **85**<sup>th</sup> **Percentile Speed:** The speed at which 85 percent of the drivers are observed to travel at or below in free-flow conditions at a representative location.
- **Design speed:** A speed selected as a basis to establish appropriate geometric design elements for a particular section of the Road so that drivers can travel safely at that speed under ideal conditions.
- Operating Speed: The speed at which a driver is observed operating a vehicle at a representative location.
- **Posted Speed Limit:** The speed prescribed for motor vehicles on a section of the road by municipal by-law or in accordance with the Highway Traffic Act.
- **Rural Sections:** Road sections located outside the urbanized or built-up areas and are generally characterized by a stormwater management system using open drainage channels (ditches) and gravel shoulders.



#### 3.2 General Approach to Setting Speed Limits

The design and classification of a roadway influences speed limits. Functional classifications of roads take into consideration- access to adjacent lands, land development, road setbacks, road system improvements, truck routes, pedestrians, and cyclists while considering long-term planning for the Municipal Road Network. This Report considers several approaches for setting speed limits, provides suggestive recommendations based on an analysis of each approach and intends to combine the various suggestions into a single one. The general approach for setting Speed Limits are as follows:

- **Highway Traffic Act:** In accordance with the Highway Traffic Act (HTA) of Ontario, (Bylaw 284-94) Section 9, Subsection (1), which indicates that speed limits on roads shall be 50 km/h in built-up areas and 80 km/h in rural areas. Unless posted speed signs state otherwise, the maximum speed limit is 80 km/h on rural roadways. The practice of setting speed limits based on the Highway Traffic Act does not explicitly consider roadway geometry, development activity, pedestrian, cyclist, or transit corridors, which can lead to inconsistent speed limits.
  - The municipal authority to set speed limits is granted by the Ministry of Transportation Ontario (MTO) through the Highway Traffic Act (HTA) according to section 128.1 (b) of the HTA. It mentions that the local Municipality could prescribe via by-law a speed limit for motor vehicles driven on any highway or portion of highway under its jurisdiction.
- MTO Standards for setting Design Speeds: In accordance with the latest edition of the MTO's "Geometric Design Standards for Ontario Highways," while reviewing possible speed limits, the first step in evaluating the geometry of the Road is to select a logical design speed. The MTO's Standards additionally state that "a design speed equal to the maximum posted speed is accepted where warranted by such factors as low traffic volumes, rugged terrain, and economic considerations." This practice is more appropriate for the minor collector and local roads.
- **85<sup>th</sup> percentile speed:** The historical way of setting speed limits, and the method still used in most places in North America, is the 85<sup>th</sup> percentile rule. The assumption underlying the 85<sup>th</sup> percentile speed is that most drivers will operate their vehicles at speeds they perceive to be safe.
- TAC Canadian Guidelines for Establishing Posted Speed Limits, 2009: The Canadian Guide for Establishing Posted Speed Limits (2009) (CGEPS) was published by TAC in 2009. It is the most accepted, uniform methodology for evaluating speed limits based on roadway classifications, function, and physical characteristics.
- The Engineering Approach- Road Risk Method: One of the methods of setting speed limits using an engineering approach is the Road Risk Method, in which the speed limit is determined by the risk associated with the physical design of the road and the expected traffic conditions. The basis of this methodology is to set the speed limit according to the function or classification of the Road (Collectors, Arterials, Local, School Zones, and Playground Zones, Presence of Vulnerable Road Users, Cyclists, and Pedestrians) and then to adjust the speed limit based on the relative risk introduced by various road and roadside design features.



# 4. Methodology for Suggesting Speed Limits for Township Roads

#### 4.1 North Algona Wilberforce Township Current Practise for Setting Speeds

At first, information on current Speed Limits for the Township Roads was gathered.

A default speed of 50 km/h in built-up areas and 80 km/h in rural areas has been applied on most Township Roadways (perceived collectors and locals) as defined under the Highway Traffic Act (HTA), where statutory speed limits govern unposted roads as set out under Part IX of the Act. According to HTA-

 Built-Up Area: Road frontages that are 50% occupied by buildings, 100 meters on both sides of the road or 200 meters on one side of the road

Currently, 10 to 15 Township roads are posted with speed limits signs, the remaining roads are unposted. There are no posted School Zones, but there are defined school bus routes.

#### Field Review and Data Collection

#### 4.2 Desktop Review

After getting information on the Township's Posted Speed Limits, a Desktop Review was performed. Ninety-six sections of the eighty three Township roads were reviewed as part of the desktop review based on existing road classification, function, land use, and physical information and road user characteristics obtained from a background review of the Township's documents and reports. These documents included the Road Needs Study 2008, a map depicting cycling and pedestrian active routes, ATV routes, and routes used by horse-drawn vehicles (horses and buggies), a 2015 inventory of road signs, By-Law No. 2016-25 (Schedule A), and the geospatial data from Google Maps, Google Earth, and the County of Renfrew online GIS tool.

#### Elements considered to classify roads for the desktop review

- Roadway Characteristics: The condition of the road, pavement type, width, start and end point of the road segment, length of the road section, roadway geometry, etc., are some of the attributes that define roadway characteristics.
- Roadside Characteristics: Land use, adjacent houses (driveways), various access points, and the possible presence of pedestrians and cyclists define the roadside characteristics.

As part of the Desktop Review, 96 sections of the 83 Township roads were listed alphabetically with roadway and roadside characteristics, including images from each site. Some Township roads were broken into two to three sections based on their varying characteristics. This list is presented in **Appendix 1**.



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#### 4.3 Categorization of the Roads

Based on the desktop review, the Township Road sections were categorized based on the homogeneity of the surrounding environment, roadway, and roadside characteristics. For example, all gravel roads leading toward or within forest areas are categorized as Gravel Roads (Forest Area, Rural). Similarly, if the road passes through Farm Land with fewer houses in the vicinity, it is categorized as Gravel Road (Farm Land) or Paved Road (Farm Land). For determining the appropriate classification, and category, emphasis was given to road type followed by surrounding roadside characteristics.

The list of established categories were:

- 1. Gravel Road (Forest Area, Rural)
- 2. Gravel Road (Scattered Cottages in Wooded/ Forest Area)
- 3. Gravel Road (Farm Land)
- 4. Gravel Road (Perceived Collector)
- 5. Gravel Road (Residential Area)
- 6. Paved Road (Perceived Collector)
- 7. Paved Road (Farm Land)
- 8. Paved Road (Residential Area)
- 9. Paved Road (Scattered Cottages in Wooded/ Forest Area)
- 10. Paved Road (Forest Area)

The categorization allowed for the selection of representative roads from each category to be included the Windshield and Spot Speed surveys.

The List of Categorized road sections are presented in **Table 2**.



Table 2: The list of Categorized Township Roads

Gravel Roads (Forest Area, Rural)	Gravel Roads (Scattered Cottages in Wooded/ Forest Area)	Gravel Road (Farm Land)	Gravel Road (Perceived Collector)	Gravel Road (Residential Area)	Paved Road (Perceived Collector)	Paved Road (Farm Land)	Paved Road (Residential Area)	Paved Road (Scattered Cottages in Wooded/ Forest Area)	Paved Road (Forest Area)
Basswood Road	Carty Road	Blue Bird Road	Black Creek Road (Gravel)- Marsh Road to Lake Dore Road	Anthanas Road	Berndt Road	Black Point Road (Paved- LCB)	Biederman Road	Black Creek Road	Goldfinch Drive
Budd Mills Road	Carty Road	Link Road	Burchat Road	Limestone Road	B Line Road (Marsh- Woito Station Road)	Cold Creek Road (section 1)	B Line Road (Highway 41- Marsh)	Crooked Rapids Road	Jessup Road
Black Point Road (Gravel)	Eady Road	Dicks Road (Gravel)			Germanicus Road (section 1)	Cold Creek Road (section 2)	Chapel Road	Duquette Road	Woito Station Road
Cement Bridge Road	Holiday Lane	Doering Road			Grist Mill Road	Cold Creek Road (section 3)	Dicks Road (Paved)	Fourth Chute Road	Panke Road
Dore Bay Road	Karmak Haven Road	Henry Road			Letts Cemetery Road	Green Lake Road (Paved)	Griffith Wagner Road (Paved)	Germanicus Road (Section 2)	
Eady Road	Walshs Road	Kranz Road				Hewitts Corner Road	Island View Dr	Fish Hut Road	
Green Lake Road (Gravel)		Marsh Road				Reiche Road	McMillan Road	Mink Lake Road (Paved)	
Griffith Wagner Road (Gravel)		Mink Lake Road (Gravel) Section 2				Sell Road	McNee Drive	Royal Pines Road	
Gurlitz Road		Rankin Rink Road				Shaw Woods Road (Paved)	Kirk Court	Tramore Road	
Kilby Road		Shaw Woods Road (Gravel)				Snodrifters Road (Section 1)	Old Bridge Road		
Kiley Road		Smiths Bay Road (Gravel)				Snodrifters Road (Section 2)	Ott Road		
Kutschke Road		Stone Hedges Road					Point Church Dr (Section 1)		
Lemke Road		Wilkens Road					Point Church Dr (Section 2)		
Lovers Lane							Scheunemun Road		
Marthas Road							Smiths Bay Road (Paved)		
Meadow Wood Road							Thur Street		
Mink Lake Road (Gravel) Section 1							Wilber Heights Road		
Old Camp Road							Diana Court		
Passaw Road									
Petznicks Lake Road *									
Roesler Road (section 1)									
Roesler Road (section 2)									
School Road									
Shed Hill Road									
Sperberg Road									
Springer Road									
Trail Blazers Road									

<sup>\*</sup> Note: Petznicks Lake Road is not a Township Road and will not have a designated speed limit.



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#### 4.4 Windshield Survey

The EXP team categorized Township roads based on the homogeneity of roadside and roadway characteristics. Based on the desktop review, several roads representative of each category were selected for the Windshield Survey. This selection was also based on a list from the Project RFP for flagged roads by the Township that had a history of traffic safety concerns and recent rehabilitation.

During the Windshield Survey on November 29th, 2022 and November 30th, 2022, the EXP Team drove around the Township to get a better and more thorough understanding of local conditions compared to the desktop review results. The road width and vertical and horizontal alignment measurements were assessed for a selected few roads, along with the roadside hazards.

The list of roads where the Windshield Survey was performed is presented in **Table 3**:

Table 3: The list of roads for the Windshield Survey

Order	Roads	Surface Type	From- To	Length	Environment
1	Marsh Road	Gravel	B line Road to Black Creek Road	6.0 Km	Rural
2	Black Creek Road	Gravel	Marsh Road to Lake Doree Road	7.8 Km	Rural
3	Green Lake Road	Gravel	Black Creek Road to Lemke Road	1.60 Km	Rural
4	Royal Pines Road	Paved-LCB	Lake Dore Road to Highway 60	5.90 Km	Rural
5	Sperberg Road	Gravel	Lake Doree Road to Burchat Road	2.1 Km	Rural
6	Walsh Road	Gravel	Highway 41 to BluebiRoad Road	1.9 Km	Rural
7	Jessup Road	Paved-LCB	Bulger Road (County Road 9) to Dead End	2.8 Km	Rural
8	Cold Creek Road	Paved-LCB	Letts Cemetery Road to Mink Lake Road	2 Km	Rural
9	Cold Creek Road	Paved-LCB	Bulger Road (County Road 9) to Shaw Woods Road	2 Km	Rural
10	Tramore Road	Paved-LCB	Highway 60 to Hagarty/ Richards Boundary	2 Km	Rural
11	McMillan Road	Paved	Highway 60 to Dead End	1.70 Km	Rural
12	Island View Drive	Paved-LCB	Highway 60 to Dead End	1.8 Km	Rural
13	Germanicus Road	Paved-LCB	Highway 41 to Royal Pines Road	5.6 Km	Rural
14	Mink Lake Road	Gravel	Cold Creek Road to Point Church Dr	3.70 Km	Rural
15	Mink Lake Road	Gravel	Snodrifter's Road to Cold Creek Road	3.20 Km	Rural
16	Crooked Rapids Road	Paved-LCB	Highway 41 to Highway 60	3.90 Km	Rural
18	Grist Mill Road	Paved- LCB	Highway 60 to Bonnechere River	7.80 Km	Rural
19	Letts Cemetery Road	Paved- HCB	Highway 41 to Bruce St	4 Km	Rural
20	Snodrifters Road	Paved- LCB	Mink Lake Road to Letts Cemetery Road	1.80 Km	Rural
21	Snodrifters Road	Paved- LCB	Letts Cemetery Road to Highway 41	1.80 Km	Rural
22	Sell Road	Paved- LCB	Highway 41 to Township Border towards Blue Bird Road	1.6 Km	Rural
23	Berndt Road	Paved- CL	Highway 60 to Roesler Road	2.2 Km	Rural
24	Burchat Road	Gravel	Springer Road to Trail Blazers Road	2.5 Km	Rural
25	Kranz Road	Gravel	Highway 60 to Marthas Road	2.60 Km	Rural



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#### 4.5 Spot Speed Surveys

The results from the Windshield Survey were analyzed, and ten roads were selected for Spot Speed Surveys. For the Spot Speed Surveys, existing speed data were collected using a hand-held radar device. Observations for each direction were collected at selected reference locations. All speeds were collected under free-flow conditions. Data were collected in both the AM and PM peak periods. The AM peak period was 7:00 AM- 9:00 AM, and the PM peak period was 3:30 PM- 5:30 PM.

The radar speed survey was performed in light winter conditions on December 13<sup>th</sup>, 2022 and December 14<sup>th</sup>, 2022. During the survey period, speeds may have been reduced to some degree given the weather environment; however, despite the winter-related conditions of roads with lightly covered snow (no ice), the speed survey is representative, especially where the speed of the vehicles are in higher ranges, 70 Km/h and above.

The survey data for Spot Speed Survey are included in Appendix 2.

## 4.685<sup>th</sup> Percentile Calculation for 10 Township Roads

The 85<sup>th</sup> percentile speed was calculated for each location, with AM and PM data for both directions consolidated to make a sample size of at least 30 vehicles. **Table 4** summarises the list of roads for the Spot Speed Survey and images that were collected during the survey showing the environmental conditions and the resulting 85<sup>th</sup> percentile speed.

The detailed 85th Percentile speed calculation for each road segment is presented in Appendix 3.



Table 4: Roads chosen for Spot Speed Survey

S.No.	Roads	Surface Type	From - To	Length	85 <sup>th</sup> Percentile Speed	Images of the Road section at the time of the Spot Speed Survey
1	Black Creek Road	Gravel	From Marsh Road to Lake Doree Road	7.8 Km	72 Km/h	
2	Island View Drive	Paved- LCB	Highway 60 to Dead End	1.90 Km	60 Km/h	
3	Gristmill Road	Paved- LCB	Highway 60 to Bonnechere Valley Twp. Boundary (Eganville)	7.80 Km	86 Km/h	
4	Royal Pines Road	Paved- LCB	Lake Dore Road to Highway 60	5.90 Km	88 Km/h	
5	McMillan Road	Paved	Highway 60 to Dead End	1.70 Km	68 Km/h	



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S.No.	Roads	Surface Type	From - To	Length	85 <sup>th</sup> Percentile Speed	Images of the Road section at the time of the Spot Speed Survey
6	Mink Lake Road	Paved- LCB	Highway 60 to Snodrifter's Road	2.90 Km	92 Km/h	
7	Letts Cemetery Road	Paved- HCB	Highway 41 to Bruce Street	4.0 Km	99 Km/h	
8	Kranz Road	Gravel	Highway 60 to Marthas Road	2.60 Km	84 Km/h	
9	Crooked Rapids Road	Paved- LCB	Highway 41 to Highway 60	3.90 Km	72 Km/h	
10	Tramore Road	Paved	Highway 60 to Hagarty/ Richards Boundary	2.0 Km	74 Km/h	



# 5. Canadian Guidelines for Establishing Posted Speed Limits

This section describes the results of reviewing the Township's Local and perceived Collector roadways using the TAC's Canadian Guidelines for Establishing Posted Speed Limits (CGEPS). The TAC guideline is an evaluation tool to determine a recommended speed limit for a specific segment of roadway based on its classification, function, and physical characteristics.

#### 5.1 Evaluation Criteria

The TAC Guideline (CGEPS) parameters – are summarized below. The evaluation criteria that are related to the physical and road-user characteristics of the roadway, are as follows:

- a. Horizontal alignment
- b. Vertical alignment
- c. Average lane width
- d. Roadside hazards
- e. Pedestrian exposure
- f. Cyclist exposure
- g. Pavement surface
- h. Number of intersections with public roads
- i. Number of intersections with private access driveways
- j. Number of interchanges
- k. On-street parking

Each evaluation criterion identifies a risk level that appropriately matches prevailing conditions.

#### 5.2 Use of TAC Guidelines (CGEPS) Spreadsheet for Selected Township Roads

The total number of Township Roads sections included in this study phase were 25. These road sections were selected to represent similar roadway and roadside characteristics from each category presented in **Table 2**.

The classification of the roads used to evaluate the recommended speed limit according to the TAC classification methodology is in line with the TAC Geometric Design Guide for Canadian Roads. The roads were evaluated according to their geometrical characteristics, traffic operation, and how they fit into the Township Road grid to determine their proper classification. Most roads that access local residences or dead ends were categorized as Local Streets. Other streets which channel multiple local streets into a long corridor that end up on arterials or county roads were considered Collectors and are defined as perceived Collectors. Since the Township does not differentiate between major and minor collectors in its classification system, all of them were classified as major collectors.

The list of Collectors identified for the Township of North Algona and Wilberforce includes:

- Black Creek Road
- B Line Road
- Green Lake Road
- Royal Pines Road
- Cold Creek Road
- Tramore Road
- Germanicus Road
- Grist Mill Rd
- Letts Cemetery Rd
- Berndt Road
- Burchat Road



Each study site was assessed according to the TAC Guidelines (CGEPS); the automated datasheet (worksheet) included in the TAC guideline was completed to determine each section's recommended speed limit. The TAC recommended speed limit for each individual road section is in **Table 5**.

A detailed description of the information required for the spreadsheet and the completed TAC worksheet is presented in **Appendix 4.** 

The recommendations based on the TAC worksheet for posted speeds do not necessarily represent the final suggestive recommendation but are used as a benchmark to compare the results with other approaches for setting Speed Limits.

Table 5: The list of roads evaluated in TAC Worksheet

Order	Roads	Surface Type	From- To	Length	Speed Limits based on TAC Worksheet
1	Marsh Road	Gravel	B line Road to Black Creek Road	6.0 Km	60 Km/h
2	Black Creek Road	Gravel	Marsh Road to Lake Doree Road	7.8 Km	70 Km/h
3	Green Lake Road	Gravel	Black Creek Road to Lemke Road	1.60 Km	70 Km/h
4	Royal Pines Road	Paved-LCB	Lake Dore Road to Highway 60	5.90 Km	70 Km/h
5	Sperberg Road	Gravel	Lake Doree Road to Burchat Road	2.1 Km	60 Km/h
6	Walsh Road	Gravel	Highway 41 to BluebiRoad Road	1.9 Km	60 Km/h
7	Jessup Road	Paved-LCB	Bulger Road (County Road 9) to Dead End	2.8 Km	60 Km/h
8	Cold Creek Road	Paved-LCB	Letts Cemetery Road to Mink Lake Road	2 Km	60 Km/h
9	Cold Creek Road	Paved-LCB	Bulger Road (County Road 9) to Shaw Woods Road	2 Km	60 Km/h
10	Tramore Road	Paved-LCB	Highway 60 to Hagarty/ Richards Boundary	2 Km	70 Km/h
11	McMillan Road	Paved	Highway 60 to Dead End	1.70 Km	60 Km/h
12	Island View Drive	Paved-LCB	Highway 60 to Dead End	1.8 Km	60 Km/h
13	Germanicus Road	Paved-LCB	Highway 41 to Royal Pines Road	5.6 Km	70 Km/h
14	Mink Lake Road	Gravel	Cold Creek Road to Point Church Dr	3.70 Km	60 Km/h
15	Mink Lake Road	Gravel	Snodrifter's Road to Cold Creek Road	3.20 Km	60 Km/h
16	Crooked Rapids Road	Paved-LCB	Highway 41 to Highway 60	3.90 Km	60 Km/h
18	Grist Mill Road	Paved- LCB	Highway 60 to Bonnechere River	7.80 Km	70 Km/h
19	Letts Cemetery Road	Paved- HCB	Highway 41 to Bruce St	4 Km	70 Km/h
20	Snodrifters Road	Paved- LCB	Mink Lake Road to Letts Cemetery Road	1.80 Km	60 Km/h
21	Snodrifters Road	Paved- LCB	Letts Cemetery Road to Highway 41	1.80 Km	60 Km/h
22	Sell Road	Paved- LCB	Highway 41 to Township Border towards Blue Bird Road	1.6 Km	60 Km/h
23	Berndt Road	Paved- CL	Highway 60 to Roesler Road	2.2 Km	70 Km/h
24	Burchat Road	Gravel	Springer Road to Trail Blazers Road	2.5 Km	70 Km/h
25	Kranz Road	Gravel	Highway 60 to Marthas Road	2.60 Km	60 Km/h
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# 6. Analysis of Results and Suggestive Recommendation for Speed Limits

#### 6.1 Undertakings and Findings

- For the 25 Road Sections which were chosen to be representative of each category of Gravel and Paved Roads, the Transportation Association of Canada (TAC) recommended results were compared against the benchmarks values of the Current Speed Limit based on Highway Traffic Act (HTA) and Posted Speed Limit by the Township.
- For 10 Road sections, 85<sup>th</sup> Percentile Speed Results were calculated based on Spot Speed Survey. These results were compared against the TAC recommended results and benchmarks values of the Current Speed Limit based on (HTA) and Posted Speed Limit by the Township.
- In general, the 85<sup>th</sup> Percentile speeds for the road sections considered for this Study were in a higher range than the Current Speed Limit based on (HTA) and Posted Speed Limit by Township.
- TAC recommended speed limits for the road sections included in this Study were generally lower or within the range of the Current Speed Limit based on (HTA) and Posted Speed Limit by Township (See **Table 6**)

Table 6: Comparison of Current Speed Limit of Township with 85<sup>th</sup> Percentile Speed and TAC Recommended Speed

Order	Roads	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey Sections/ TAC Worksheet	85th Percentile Speed based on Radar Spot Speed Survey	
1	Black Creek Road	80 Km/h	70 Km/h	72 Km/h	
2	Island View Drive	50 Km/h	60 Km/h	60 Km/h	
3	Gristmill Road	60 Km/h	70 Km/h	86 Km/h	
4	Royal Pines Road	80 Km/h	70 Km/h	88 Km/h	
5	McMillan Road	60 Km/h	60 Km/h	68 Km/h	
6	Mink Lake Road	80 Km/h	60 Km/h	92 Km/h	
7	Letts Cemetery	80 Km/h	70 Km/h	99 Km/h	
8	Kranz Road	80 Km/h	60 Km/h	84 Km/h	
9	Crooked Rapids Road	80 Km/h	60 Km/h	72 Km/h	
10	Tramore Road	60 Km/h	70Km/h	74 Km/h	

• Due to the large variation in results for Posted Speed Limits from two different approaches, the EXP team compared other criteria/ factors to recommend the Posted Speed Limits.

#### 6.2 Criteria for Suggesting Speed Limits for Township Roads and Assumptions

A total of six criteria were established to evaluate the suggested Speed Limits for the Township Roads.

- i. Length of the Road Sections
- ii. Presence of Cyclists, Pedestrians, Horses and Buggies, and ATV
- iii. Current Speed Limit (Based on Highway Traffic Act (HTA) and Posted Speed Limits previously established by the Township)
- iv. Speed Limit based on Windshield Survey Sections/ TAC Worksheet
- v. 85<sup>th</sup> Percentile Speed based on Radar Spot Speed Survey
- vi. Speed Based on Road Risk Method



- Additional analyses were conducted to allow for consideration of special circumstances, local knowledge, and engineering judgment in setting speed limits comparing the criteria mentioned above.
- Suppose the Road Sections are categorized to be used by other users such as Cyclists, Pedestrians, Horses and Buggies, and ATVs. In that case, the Speed Limits are suggested to be reduced from 80 Km/h to 70 Km/h or 60 Km/h, based on roadside and roadway characteristics. The Roads Speed Limits could remain to be 80 Km/h, according to Highway Traffic Act, but it needs to be assessed on an individual basis.
- 85<sup>th</sup> Percentile Speeds reflect the actual speeds experienced in the study area. For road sections having the 85<sup>th</sup> Percentile Speed, The Speed Limits were suggested close to the 85<sup>th</sup> Percentile Speed. Speed limits set above or below the 85<sup>th</sup> percentile speed might create unsafe conditions due to speed differential as some drivers adhere strictly to the law while others drive the naturally induced speed.
- For the Gravel Road sections, which are less than a kilometer long and end up in a wooded area, the Speed Limit of 70 Km/h or 60 Km/h is suggested as 80 Km/h would be hard to achieve for a shorter lengths roads. The roads' Speed Limits could remain to be 80 Km/h, according to Highway Traffic Act, and speeds would naturally fall below this given the road conditions, but they should be assessed on an individual basis.
- For Gravel Roads (Forest Areas, Rural), which are longer in length, the Speed Limit is suggested to be at the existing 80 Km/h unless it is an ATV route or a Bike Trail.
- For Gravel Roads (Scattered Cottages in Wooded Areas), Speed Limits are suggested to be dropped to 60 Km/hr if the road section length is shorter than 1 Km. For longer sections of the Road, based on roadside and roadway characteristics, the Speed Limit are suggested to be at the existing 80 Km/h unless it is an ATV route or a Bike Trail or highly used by Cyclists, Pedestrians, and/or Horses and Buggies.
- For Gravel Roads (Farm Land) Speed Limits are suggested to be at the existing 80 Km/h unless it is an ATV route or a Bike Trail or highly used by Cyclists, Pedestrians, and/or Horses and Buggies.
- For Paved Roads (Farm Land) Speed Limits are suggested to be at the existing 80 Km/h unless it is an ATV route or a Bike Trail or highly used by Cyclists, Pedestrians, and/or Horses and Buggies.
- For Paved Roads (Residential Areas), Speed Limits are suggested based on a case-by-case basis based on roadside and roadway characteristics and ranges from 50 Km/h to 70 Km/h.
- Paved (Scattered Cottages in Wooded Areas), a Speed Limit is suggested based on a case-by-case basis based on roadside and roadway characteristics and ranges from 50 Km/h to 80 Km/h.
- For Paved Roads (Forest Areas, Rural), which are longer in length, the Speed Limit is suggested to be at the existing 80 Km/h unless it is an ATV route or a Bike Trail. If it is an ATV route or a Bike Trail, the Speed Limit is advised to be decreased to 70 Km/h or 60 Km/h based on roadside and roadway characteristics. The Roads Speed Limits could remain to be 80 Km/h, according to Highway Traffic Act, but it needs to be assessed on an individual basis.



Date: 03/03/2023

• As detailed previously, the assessment of speed limits considers road characteristics and roadside hazards inherent to the road segment under Study. Most of the Gravel Roads on North- Western Side of the Township generally exhibit steeper side slopes; and are identified as a possible hazard, regardless of the speed limit. As per the TAC guidelines, these roads were assessed as "Higher Risk" under the roadside hazards category. Based on Road Risk Method, they are suggested to be 70 Km/h as most of them have Bike Trials and ATV usage. The Roads Speed Limits could remain to be 80 Km/h, according to Highway Traffic Act, but it needs to be assessed on an individual basis.

• Where speed reductions are considered as suggested in some cases there is a need to support that decision with enforcement. Signs alone will not reduce speeds and this has been reflected in the suggested speeds and in that there may need for conditions that go with them.

Based on the analysis and criteria set, overall road section suggested Speed Limits are presented in Table 7.

A map depicting the Suggested Posted Speed is presented in **Appendix 5**.



**Table 7: Recommended Speed Limits** 

Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
1	Anthanas Road	Gravel	Highway 60	Dead End	0.30 Km		50 Km/h			50 Km/h	Suggested based on the length of the road section and built up area	50 Km/h
2	Basswood Road	Gravel	County Road 9 (Bulger Road)	Shaw Woods Road	0.64 Km		80 Km/h			70 Km/h	The width of the road section is smaller for high-speed traffic in both directions as well as the length of the section is shorter. Additional Ad-hoc committee input: 80 Km/h	80 Km/h
3	Berndt Road	Paved- CL	Highway 60	Roesler Road	2.20 Km	Pedestrians	80 Km/h	70 Km/h			Suggested 70 Km/ h based on the presence of scattered cottages and pedestrians with additional warning signs	70 Km/h
4	Biederman Road	Paved- LCB	County Road 30 (Lake Dore Road)	Dead End (Cul De Sac)	0.80 Km		50 Km/h			50 Km/h	The current advisory posted limit is 30 Km/h. To be consistent with other areas, suggested making 50 Km/h	50 Km/h
5	Black Creek Road	Gravel	Marsh Road	Lake Dore Road	7.8 Km	ATV usage, Bike Trails	80 Km/h	70 Km/h	72 Km/h		Suggested based on the 85 <sup>th</sup> Percentile Speed	70 Km/h
6	Black Creek Road	Paved -LCB	Woito Station Road	Doering Road	2.30 Km	ATV usage, Bike Trails	80 Km/h			70 Km/h	To be consistent with other sections, 70 Km/h is suggested; it could be 60 Km/h based on surroundings (ATV usage, Trails) and safety concerns from Township.	70 Km/h
7	Black Point Road	Paved - LCB	Highway 60	1.1 km South (to Hokum Saw Mill)	1 Km		80 Km/h			80 Km/h	Heavy truck movements and a mix of farmland; could lead to a change in the speed to 70 Km/h if there are safety concerns. Suggested Speed based on HTA.	80 Km/h
8	Black Point Road	Gravel	Hokum Saw Mill	Dead End	0.90 Km		80Km/h			70 Km/h	It leads towards a dead end and is a gravel road with a shorter length; therefore, based on Road Risk Method: 70 Km/h, But to be consistent with the whole section recommend to leave at 80 Km/h based on HTA	80 Km/h
9	B Line Road	Paved- HCB	Highway 41	0.40m from Marsh Road	0.75 Km		50 Km/h			50 Km/h	Suggested based on HTA and environmental conditions	50 Km/h
10	B Line Road	Paved- HCB	0.40m from Marsh Road	Woito Station Road (County Road 58)	1.78 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h



Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	based on Windshield	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
11	Blue Bird Road	Gravel	Hewitts Corner Road	Sell Road	0.50 Km		80 Km/h			80 Km/h	Suggested based on HTA, Border Road, continues to another Municipality	80 Km/h
12	Budd Mills Road	Gravel	Trailblazers Road	Cement Bridge Road	2.20 Km	ATV usage	80 Km/h			70 Km/h	Suggested 70 Km/ h based on other similar Gravel Roads in the North-West section of the Township as it has ATV usage. Additional Ad-hoc committee input: 80 Km/h The speed limit could remain at 80 Km/h as per HTA.	80Km/h
13	Burchat Rd	Gravel	Springer Road	Trail Blazers Road	2.5 Km	ATV usage, Bike Trails	80 Km/h	70 Km/h			Suggested 70 Km/ h based on other similar Gravel Roads in the North-West section of the Township, ATV usage.	70 Km/h
14	Carty Road	Gravel	Griffith-Wagner Road	Dead End	0.30 Km		80 Km/h			70 Km/h	70 Km/h based on the type and length of the road and surroundings, Additional Ad-hoc committee input: 80 Km/h	80 Km/h
15	Cement Bridge Road	Gravel	Burchat Road	Old Camp Road and Beyond	2.20 Km	ATV usage	80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads in the North-West section of the Township, ATV usage Additional Ad-hoc committee input: 80 Km/h	80 Km/h
16	Chapel Road	Paved- LCB	Highway 60	Old Bridge Road	0.10 Km		50 Km/h			50 Km/h	Suggested based on HTA and environmental conditions	50 Km/h
17	Cold Creek Road	Paved- LCB	Bulger Road (County Road 9)	Shaw Woods Road	2.00 Km	Horse and Buggy Routes	80 Km/h	60 Km/h			Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, Pedestrians) and flagged roads. Additional Ad-hoc committee input: 80 Km/h	80 Km/ h
18	Cold Creek Road	Paved- LCB	Shaw Woods Road	Mink Lake Road	2.10 Km	Horse and Buggy Routes	80 Km/h			70 Km/h	Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, Pedestrians) and flagged roads, as well for the continuation of the same speed limit in all three sections. Additional Ad-hoc committee input: 80 Km/h	80 Km/h
19	Cold Creek Road	Paved- LCB	Mink Lake Road	Lett's Cemetery Road	2.00 Km	Horse and Buggy Routes	80 Km/h	60 Km/h			Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, Pedestrians) and flagged roads, as well for the continuation of the same speed limit in all three sections. Additional Ad-hoc committee input: 80 Km/h	80 Km/h



Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
20	Crooked Rapids Road	Paved- LCB	Highway 41	Highway 60	3.90 Km	Bike Trails	80 Km/h	60 Km/h	72 Km/h		Suggested based on the 85 <sup>th</sup> Percentile Speed	70 Km/h
21	Diana Court	Paved- LCB	Biederman Rd	Dead End (Cul De Sac)	0.30 Km		50 Km/h			50 Km/h	Suggested based on environmental and road conditions; Cul- De- Sac and length of the Road, residential area	50 Km/h
22	Dicks Road	Paved	Micksburg Road	0.25m of Micksburg Road	0.25 Km		50 Km/h			50 Km/h	Suggested based on HTA and environmental conditions	50 Km/h
23	Dicks Road	Gravel	0.25m of Micksburg Road	Dead End	0.96 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
24	Doering Road	Gravel	Black Creek Road	Dead End	0.50 Km		80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads with shorter lengths of the road in the North-West section of the Township, Additional Ad-hoc committee input: 80 Km/h	80 Km/h
25	Dore Bay Road	Gravel	Trailblazers Road	Woito Station Road	1.90 Km	ATV usage, Bike Trails	80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads in the North-West section of the Township, ATV usage, and Bike Trails	70 Km/h
26	Duquette Road	Paved- LCB	Highway 60	Highway 60	1.10 Km		80 Km/h			70 Km/hr	Suggested reduction to 70 Km/h or 60 Km/h based on the proximity to Highway 60, narrow width of the road, and driveway access (residential area) Additional Ad-hoc committee input: 80 Km/h	80 Km/h
27	Eady Road	Gravel	Traymore Road	Dead End	0.70 Km		80 Km/h			50 Km/h	Suggested reduction to 50 Km/h based on length of the road and presence of residential area	50 Km/h
28	Fish Hut Road	Paved- LCB	Highway 60	Dead End	0.10 Km		50 Km/h			50 Km/h	Suggested reduction to 50 Km/h based on length of the road and presence of residential area	50 Km/h
29	Fourth Chute Road	Paved- LCB	Bromley Township Boundary	Bonnechere Valley Boundary	3 Km		80 Km/h			70 Km/h	Suggested reduction to 70 Km/h or 60 Km/hr in corner sections with corner advisory signs. Speed enforcement is required.	70 Km/h



Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
30	Germanicus Road	Paved- LCB	Highway 41	Smiths Bay Road	2.17 Km	Bike Trails	80 Km/h	70 Km/h			Suggested reduction to 70 Km/h based on the presence of vulnerable users (Bike Trials and ATV usage)	70 Km/h
31	Germanicus Road	Paved- LCB	Smiths Bay Road	Royal Pines Road	3.43 Km	ATV usage, Bike Trails	80 Km/h				Suggested reduction to 70 Km/h based on the presence of vulnerable users (Bike Trials and ATV usage)	70 Km/h
32	Goldfinch Drive	Paved- CL	McMillan Road	Dead End	1.5 Km		80 Km/h			60 Km/h	Adjacent McMillan Road is posted as 60 Km/h. Suggested 60 Km/h, to be consistent with the speed of the adjacent road. Also, the length of the road is shorter, leading to a dead-end.  Additional Ad-hoc committee input: 80 Km/h	60 Km/h
33	Green Lake Road	Gravel	Black Creek Road	Lemke Road	1.60 Km		80 Km/h	70 Km/h		80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
34	Green Lake Road	Paved- CL	Lemke Road	Highway 41	4.1 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
35	Griffith Wagner Road	Paved -LCB	Highway 60	0.8 Km North (Cottage Area)	0.80 Km		60 Km/h				Suggested based on Posted Limit (residential area near Highway 60). It transitioned to the wooded area	60 Km/h
36	Griffith Wagner Road	Gravel	0.8 Km North (Cottage Area)	Dead End (Forest Area)	3.40 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
37.1	Grist Mill Road	Paved- LCB	Highway 60	6.6 Km towards the West (straight section)	6.6 Km	Horse and Buggy Routes, Bike Trails	60 Km/h	70 Km/h	86 Km/h		Currently, Township has a By-Law no. 2021-30 in place, which mentions Grist Mill Road from Township Boundary to Highway 60 shall be 60 Km/h as the maximum rate of speed Suggested based on the 85 <sup>th</sup> Percentile Speed.  Should consider warning signs on the roadside for horses and buggies.	80 Km/h



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Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
37.2	Grist Mill Road	Paved- LCB	Bonnechere Valley Twp. Boundary (Eganville) Border	1.20 Km North of the Border (curved section)	1.20 Km	Horse and Buggy Routes, Bike Trails	60 Km/h			70 Km/h	Currently signed at 60 Km/h. Township also has a By-Law no. 2021-30 in place, which mentions Grist Mill Road from Township Boundary to Highway 60 shall be 60 Km/h as the maximum rate of speed  Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, Pedestrians) and flagged roads.  Suggested changing By- Law and existing signage.	70 Km/h
38	Gurlitz Road	Gravel	Fourth Chute Road	Dead End	1.60 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
39	Henry Road	Gravel	B-Line Road	Dead End	0.20 Km		50 Km/h			50 Km/h	Suggested based on HTA and environmental conditions	50 Km/h
40	Hewitts Corner Road	Paved- LCB	Highway 41	Blue Bird Road	3.20 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
41	Holiday Lane	Gravel	Jessup Road	Dead End	1.40 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions	80 Km/h
42	Island View Dr	Paved- LCB	Highway 60	1.8 Km South	1.90 Km	Pedestrians	50 Km/h	60 Km/h	60 Km/h	60 Km/h	Suggested as per Current Posted Speed Limits. The current 85 <sup>th</sup> Percentile Speed is 60 Km/h; speed enforcement is required.	50 Km/h
43	Jessup Road	Paved- LCB	Bulger Road (County Road 9)	Dead End	2.80 Km		80 Km/h	60 Km/h		80 Km/h	Suggested based on HTA and environmental conditions. Not necessary to change the speed if there is no complaints	80 Km/h
44	Karmak Haven Road	Gravel	Griffith Wagner Road	Dead End	0.56 Km		80 Km/h			60 Km/h	Suggested reduction to 60 Km/h based on the shorter length of the road, and driveway access (cottages/ residential area)	60 Km/h
45	Kilby Road	Gravel	Traymore Road	Dead End	0.40 Km		80 Km/h			60 Km/h	Suggested reduction to 60 Km/h based on the shorter length of the road, and driveway access (cottages/ residential area)	60 Km/h



Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
46	Kiley Road	Gravel	Mink Lake Road	Dead End	0.40 Km		80 Km/h			60 Km/h	Suggested reduction to 60 Km/h based on the shorter length of the gravel road	60 Km/h
47	Kirk Court	Paved- LCB	Biederman Road	Dead End (Cul De Sac)	0.10 Km		50 Km/h			50 Km/h	Suggested based on environmental and road conditions; Cul- De- Sac and length of the Road, residential area	50 Km/h
48	Kranz Rd	Gravel	Highway 60	Marthas Road	2.60 Km		80 Km/h	60 Km/h	84 Km/h		Suggested based on the 85 <sup>th</sup> Percentile Speed.	80 Km/h
49	Kutschke Road	Gravel	County Road 30 (Lake Dore Road)	Passaw Road	1.70 Km	ATV usage	80 Km/h			80 Km/h	Suggested 80 Km/h based on other similar Gravel Roads in the North-West section of the Township and ATV usage	80 Km/h
50	Lemke Road	Gravel	0.95 Km East from Green Lake Road	Woitu Station Road	5 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h
51	Letts Cemetary Rd	Paved- HCB	Highway 41	Bruce St	4 Km	Horse and Buggy Routes, Bike Trails	80 Km/h	70 Km/h	99 Km/h	80 Km/h	Suggested based on the 85 <sup>th</sup> Percentile Speed. Should consider warning signs on the roadside for horses and buggies and enforcement	80 Km/h
52	Limestone Road	Gravel	Lake Dore Road	Dead End	0.30 Km		80 Km/h			70 Km/h	Suggested reduction to 70 Km/h based on the shorter length of the road, and driveway access (cottages/ residential area) by Lake Dore Road Additional Ad-hoc committee input: 80 Km/h	80 Km/h
53	Link Road	Gravel	Highway 60	Grist Mill Road	0.90 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions. Not necessary to change the speed if there are no complaints	80 Km/h
54	Lovers Lane	Gravel	Highway 60	County Road 30 (Lake Dore Road)	1.8 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions. Not necessary to change the speed if there are no complaints	80 Km/h
55	Marsh Road	Gravel	B-Line Road	Black Creek Road	6 Km		80 Km/h	60 Km/h			Suggested based on HTA and environmental conditions. Not necessary to change the speed if there are no complaints	80 Km/h
56	Marthas Road	Gravel	Kranz Road	Dead End	0.40 Km		80 Km/h			60 Km/h	Suggested reduction to 60 km/hr or 70 Km/h based on the shorter length of the road Additional Ad-hoc committee input: 80 Km/h	80 Km/h
57	McMillan Road	Paved	Highway 60	1.70 Km South of Highway 60 (Dead End)	1.70 Km		60 Km/h	60 Km/h	68 Km/h		Suggested based on the 85 <sup>th</sup> Percentile Speed and current Posted Limits. Enforcement required.	60 Km/h
58	McNee Drive	Paved- HCB	Highway 60	Highway 60	1.00 Km		80 Km/h			60 Km/h	Suggested based on environmental and road conditions; Cottages and presence of vulnerable users (pedestrians)	60 Km/h
59	Meadow Wood Road	Gravel	Germanicus Road	Dead End	1.6 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h
60	Mink Lake Road	Paved	Highway 60	Snodrifter's Road	2.90 Km	Horse and Buggy Routes	80 Km/h		92 Km/h	60 Km/h	Suggested reduction to 60 Km/hr based on the presence of vulnerable users and flagged for safety concerns.  85 <sup>th</sup> percentile speed is very high, and strict enforcement and warning signs are required.	60 Km/h



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Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
61	Mink Lake Road	Gravel	Snodrifter's Road	Cold Creek Road	2.20 Km	Horse and Buggy Routes	80 Km/h	60 Km/h		60 Km/h	Suggested reduction to 60 Km/hr based on the presence of vulnerable users and flagged for safety concerns and also to be consistent with other sections.	60 Km/h
62	Mink Lake Road	Gravel	Cold Creek Road	Point Church Drive	3.70 Km	Horse and Buggy Routes	50 Km/h	60 Km/h			Suggested reduction to 60 Km/hr based on the presence of vulnerable users and flagged for safety concerns and also to be consistent with other sections.	60 Km/h
63	Old Bridge Road	Paved- LCB	Traymore Road	Dead End	0.40 Km		80 Km/h			60 Km/h	Suggested reduction to 60 km/hr or 70 Km/h based on the shorter length of the road Additional Ad-hoc committee input: 80 Km/h	80 Km/h
64	Old Camp Road	Gravel	Roesler Road	Cement Bridge Road	1.70 Km	ATV usage	80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads and ATV usage Additional Ad-hoc committee input: 80 Km/h	80 Km/h
65	Ott Road	Paved	Highway 60	Dead End	0.40 Km		50 Km/h			50 Km/h	Suggested based on HTA and environmental conditions.	50 Km/h
66	Panke Road	Paved- LCB	Berndt Road	Dead End	0.10 Km		80 Km/h			60 Km/h	Suggested reduction to 60 km/hr or 70 Km/h based on the shorter length of the road Additional Ad-hoc committee input: 80 Km/h	80 Km/h
67	Passaw Road	Gravel	Royal Pines Road	Highway 60	6 Km	ATV usage	80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads and ATV usage Additional Ad-hoc committee input: 80 Km/h	80 Km/h
68	Petznicks Lake Road	Gravel	Trailblazers Road	Woito Station Road	7 Km		NA .			NA	This is not a Township Road and will not have a designated speed limit recommended	NA
69	Point Church Drive	Paved HCB	Highway 41	Smiths Bay Road	3.9 Km	Bike Trails	70 Km/h				Suggested 70 Km/h based on roadside conditions (Cottages facing Lake Dore /Residential Area), bike trails, and existing Posted Speed Limits. It could be reduced to 60 Km/h to be consistent with other similar areas	70 Km/h
70	Point Church Drive	Paved HCB	Smiths Bay Road	Highway 41	1.6 Km		70 Km/h				Suggested 70 Km/h based on roadside conditions (Cottages facing Lake Dore /Residential Area), bike trails, and existing Posted Speed Limits. It could be reduced to 60 Km/h to be consistent with other similar areas	70 Km/h
71	Rankin Rink Road	Gravel	Highway 41	Dead End	0.80 Km		80 Km/h			60 Km/h	Suggested reduction to 60 km/hr or 70 Km/h based on the shorter length of the road Additional Ad-hoc committee input: 80 Km/h	80 Km/h
72	Red Pine Camp Way	Gravel	Island View Drive	Dead End	0.10 Km		80 Km/h			50 Km/h	Adjacent to Island View Drive which is posted as 50 Km/h. Suggested 50 Km/h, to be consistent with the speed of the adjacent road. Also, the length of the road is shorter, leading to a deadend.  Additional Ad-hoc committee input: 80 Km/h	50 Km/h
73	Reiche Road	Paved-LCB	Green Lake Road	Dead End	3 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions. Could be changed to the lower speed limit in the future based on complaints as the Land Use is mixed (Farm Land and Residential Area off Greenlake Road)	80 Km/h



Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Recommended Speed Limit
74	Roesler Road	Gravel	1.6 Km East of Berndt Road	1.9 Km East of Berndt Road	0.30 Km	ATV usage	80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads and ATV usage Additional Ad-hoc committee input: 80 Km/h	80 Km/h
75	Roesler Road	Gravel	29 Km North of Highway 60	Old Camp Road	3 Km	ATV usage	80 Km/h			70 Km/h	Suggested 70 Km/h based on other similar Gravel Roads and ATV usage Additional Ad-hoc committee input: 80 Km/h	80 Km/h
76	Royal Pines Road	Paved-LCB	Lake Dore Road	Highway 60	5.90 Km		80 Km/h	70 Km/h	88 Km/h		Suggested based on the 85 <sup>th</sup> Percentile Speed. Additional Ad-hoc committee input: 70 Km/h	80 Km/h
77	Scheunemun Road	Paved- LCB	Lake Dore Road	Dead End	0.80 Km		50 Km/h				Suggested based on HTA and environmental conditions.	50 Km/h
78	School Road	Gravel	Lake Dore Road	Royal Pines Road	0.90 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h
79	Sell Road	Paved- LCB	Highway 41	Blue bird Road	1.60 Km		80 Km/h	60 Km/h	70 Km/h	70 Km/h	Suggested based on the 85 <sup>th</sup> Percentile Speed. Additional Ad-hoc committee input: 80 Km/h	70 Km/h
80	Shaw Woods Road	Gravel	Cold Creek Road	0.2 Km South of Highway 41	4.2 Km		80 Km/h	60 Km/h			Suggested based on HTA and environmental conditions.	80 Km/h
81	Shaw Woods Road	Paved- LCB	Highway 41	0.2 Km South of Highway 41	0.20 Km		80 Km/h				Suggested based on HTA and environmental conditions. Not necessary to change the speed if there are no complaints	80 Km/h
82	Shed Hill Road	Gravel	Tramore Road	North- West Direction from Tramore Road (Dead End)	3.75 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h
83	Smiths Bay Road	Paved- LCB	Point Church Drive	Germanicus Road	2.00 Km		50 Km/h				Suggested based on HTA and environmental conditions.	50 Km/h
84	Smiths Bay Road	Gravel	Germanicus Road	Royal Pines Road	2.00 Km		80 Km/h	60 Km/h		80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h
85	Snodrifters Road	Paved- LCB	Mink Lake Road	Letts Cemetery Road	1.60 Km	Horse and Buggy Routes	80 Km/h	60 Km/h			Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, as well for the continuation of the same speed limit in all three sections.  Additional Ad-hoc committee input: 80 Km/h	80 Km/h
86	Snodrifters Road	Paved- LCB	Letts Cemetery Road	Highway 41	1.80 Km	Bike Trails	80 Km/h	60 Km/h			Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, as well for the continuation of the same speed limit in all three sections.  Additional Ad-hoc committee input: 80 Km/h	80 Km/h
87	Sperberg Road	Gravel	Roesler Road	Lake Dore Road	1.60 Km	ATV Routes	80 Km/h	60 Km/h			Suggested 70 Km/h with enforcement, based on vulnerable users (Horse and Buggy Routes, as well for the continuation of the same speed limit in all three sections.  Additional Ad-hoc committee input: 80 Km/h	80 Km/h
88	Springer Road	Gravel	Sperberg Road	Burchat Road	2.10 Km	ATV Routes	80 Km/h				Suggested 70 Km/h based on other similar Gravel Roads and ATV usage Additional Ad-hoc committee input: 80 Km/h	80 Km/h
89	Stone Hedges Road	Gravel	County Road 9 (Bulger Road)	Point Church Drive	6.35 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h



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	Date: 03/03/2023

Order	Roads	Surface	From	То	Length	Presence of Cyclists, Pedestrians, and Horses and/or Buggies, ATV	Current Speed Limit (Based on HTA and Posted Speed Limit by Township)	Speed Limit based on Windshield Survey section/TAC Spreadsheet	85 <sup>th</sup> Percentile Speed based on Radar Spot Speed Survey	Speed Based on Road Risk Method/ Category	Rationale for Suggestion	Suggested Speed Limit
90	Thur Street	Paved LCB	Lake Dore Road	Dead End	0.10 Km		50 Km/h				Suggested based on HTA and environmental conditions.	50 Km/h
91	Trail Blazers Road	Gravel	Lake Dore Road	Budds Mill Road	4.40 Km		80 Km/h			80 Km/h	Suggested based on HTA and environmental conditions.	80 Km/h
92	Tramore Road	Paved	Highway 60	Kilby Road	2.2 Km	Bike Trails	80 Km/h	70 Km/h	74 Km/h		Suggested 70 Km/h based on the 85 <sup>th</sup> Percentile Speed. Township comments – 70 Km/h  Speed could be 50 Km/h throughout the Tramore road corridor for consistency of speed limits.	70 Km/h
93	Tramore Road	Paved	Kilby Road	Hagarty/ Richards Boundary	4.4 Km	Bike Trails	80 Km/h	70 Km/h	74 Km/h		Township comments – 50 km/h  Presently, there is an Advisory Sign of 50 km/h.  Suggested to have a By-Law drafted if the Township wants to maintain 70 km/h and 50 km/h for two different sections of Tramore Road with enforcement, based on vulnerable users (Bike Trails, Pedestrians)  *If this section is to be set as 50 km/h, it needs to be monitored and enforced on a regular basis in order to achieve this speed on a consistent basis.	50 Km/h*
94	Walshs Rd	Gravel	Highway 41	BluebiRoadRoad	1.9 Km		80 Km/h	60 Km/h				80 Km/h
95	Wilber Heights Road	Paved - HCB	Highway 60	Highway 60	0.60 Km		50 Km/h			50 Km/h	Suggested based on HTA and environmental conditions.	50 Km/h
96	Wilkens Road	Gravel	Grist Mill Road	Dead End	0.5 Km		50 Km/h				Suggested based on HTA and environmental conditions.	50 Km/h
97	Woito Station Road	Paved LCB	Black Creek Road	Dore Bay Road	5.8 Km		80 Km/h			80 Km/h	Suggested based on HTA	80 Km/h



Date: 03/03/2023

#### 6.3 Analysis of Results and Other Recommendation Considerations

- The roadway characteristics are indicative of (and therefore encourage) a higher operating speed on Paved Roads. This is evidenced by the 85<sup>th</sup> Percentile operating speeds of 60 Km/h 99 Km/h observed as part of this Study. Simply posting speed limit reductions without altering the characteristics of the roadway or proper education and enforcement can potentially introduce the following safety concerns:
  - a) Increased Speed Variations some motorists will strictly follow the posted speed limit, while others will continue to travel at a speed, they feel is comfortable. Large speed variations make it difficult for drivers to accurately judge the speeds of other vehicles on the road network, potentially causing them to overestimate available gap times.
  - b) Increased Driver Frustration this can occur whenever drivers are "forced" to travel at what they perceive to be an unreasonably low speed. Over long distances, some become impatient and attempt unsafe maneuvers.
- One of the elements of safety on a rural road is that all drivers should be driving at or around a similar speed, with a
  minimum variation from the highest speeds to the lowest speeds. This reduces the need to pass and, therefore, reduces
  opportunities for conflict.
- Overall, speed is still important as collision severity increases with higher speed (e.g., more injuries and possible fatalities), so this also plays an important role in the recommendation. In considering this, a more appropriate balance is achieved.
- The focus has been to be consistent in suggesting Posted Speed Limits across the Township so that drivers can develop a common level of expectation.
- Instead of replacing and setting unrealistic Posted Speed Limits, it is imperative to increase driver awareness of cyclists, horses, and buggies/farm vehicles (slow-moving vehicles) through roadside information signs.
- In considering an increased posted speed, it is important to ensure that additional warning signs (sharp curves, etc.) are placed as warranted.
- Based on the findings of the speed surveys undertaken, the resulting speeds typically reflect a speed that meets the driver's comfort level and is higher than the posted speed unless the posted speed is close to the 85<sup>th</sup> percentile speed.
- TAC recommended speed calculations provide a speed based on the physical characteristics of the road, the adjacent lane use/environment, and the road users. It is a calculated value based on risk. If drivers relate to this risk, then the speed limit recommended will typically be followed. If drivers do not, and they assume a different risk, one that allows high speeds, which often happens, the recommendation is not followed by all drivers but often by some. This scenario creates the undesired speed variation previously discussed in this Report. With it comes an increased risk of collision occurrence. If speed limits are set on a road that are lower than the Province's default speeds, as defined by the HTA, then regular speed enforcement should accompany those lower posted speed limits and speeds should be monitored on a regular basis to assess compliance. This is particularly important for roads where speeds are set lower, and there is a presence of lower-speed vehicles (bikes, horse and buggies, farm equipment, ATVs) and pedestrians. If enforcement and monitoring can not be provided strong consideration should be given to leaving the default speeds in place.

Date: 03/03/2023

#### 7. Conclusion

The Speed Limit Review Study provides recommendations to contribute to the Township's Plan for Safer Roads. The recommendations presented in this Report provide an opportunity to amend the Provincial default speed limits, the Township's posted speed limits, and the Township's Bylaw with rationale and background information documented within this report.

A direct impact of adjusting or setting posted limits throughout the Township, in whole or part, will relate to the Township's current Road Operation and Maintenance budget. An increase in the installation of posted speed limit signs will need to be accounted for when decisions are made on the recommendations provided. In addition, costs associated with speed warning signage may also be required in accordance with Ontario Traffic Manual Book 6 – Warning Signs to provide information about extenuating circumstances associated with abrupt vertical or horizontal changes in the road path or objects on the road, such as slow-moving vehicles or animals.

Continued monitoring for any safety issues and public complaints or concerns is a necessary component of the Township's ongoing safer roadway operations.

Appendix 1: List of Township Road Sections for Evaluation

Road	Images of the Site	Surface	From	То	Length	Description of Environment
Anthanas Road		Gravel	Highway 60	Dead End		Developmental Area (Quality Homes and Renovation) with parking Lot
Basswood Rd			County Road 9 (Bulger Road)	Shaw Woods Road	0.64Km	Forest Area off County Road 9
Berndt Rd	Cools	Paved- CL	Highway 60	Roesler Road		Some Houses in Wooded Area (Street channeling multiple local streets into a long corridor)
Biederman Rd		Paved	County Road 30 (Lake Dore Road)	Dead End (Cul De Sac)	0.80Km	Advisory 30Km/h, Park and Residential Area (Lake Dore)

Black Creek Road		Gravel	Marsh Rd	Lake Dore Road	7.8Km	Perceived Collector , Some Houses in Wooded Area (Street channeling multiple local streets into a long corridor)
Black Creek Road		Paved -LCB	Woito Station Road	Doering Road	2.30Km	Mix of Ranch, Houses and Forest Area
Black Point Road		Paved -LCB	Woito Station Road	Doering Road	2.30Km	Farm Land , Off-Highway 60 towards Southern-West, Heavy Truck Movement and goes towards forest Area
Black Point Road	Blackb	Paved - LCB	Highway 60	1.1km South (to Hokum Saw Mill)	1Km	Forest Area, Gravel Road

B Line Rd				0.40m from Marsh Road		Residential Area
B Line Rd		Paved- HCB		Woito Station Road (County Road 58)	1.78Km	Wooded area and farm lands
Blue Bird Road		Gravel	Hewitts Corner Road	Sell Road		Farmland, Border Road on the East - South Side, Road Continues
Budd Mills Road	Budd Mills Road  Budd Mills Road	Gravel	Trailblazers Road	Cement Bridge Road		Rural Gravel Road on the North-West section travel in East-West direction

Burchat Rd	Burchaf Road  Burchaf Road			Trail Blazers Rd		Perceived Collector, Rural Gravel Road on North-West section travel in East-West direction
Carty Rd	Bonnechere Rived. Carry Red Grant Carry Ca	Gravel				Off Highway 60, Gravel Road in Wooded Area with scattered cottage
Cement Bridge Road	Cement Bridge Road	Gravel	Burchat Road	Old Camp Road and Beyound	2.20 Km	Rural Forest Area on North-West section travel in North-South direction

	Paved- LCB	Bulger Road (County Road	Shaw Woods Road	2.00Km	Off Highway 60, Residential Area
Chapel Road					
Cold Creek Road	Paved- LCB	Bulger Road (County Road	Shaw Woods Road	2.00Km	Residential and Farm Area upto 1.25 Km from County road towards south followed by Wooded Area
Cold Creek Road	Paved- LCB	Shaw Woods Road	Mink Lake Road		Wooded area up to 950m from Shaw Woods Road followed by farm land
Cold Creek Road	Paved- LCB		Lett's Cemetery Road	2.00Km	Farm Land on either side of the Road

	Paved- LCB	Highway 41	Highway 60	3.90Km	Wooded area with scattered residential houses
Crooked Rapids Rd					
Diana Court	Paved	Biederman Rd	Dead End (Cul De Sac)	0.30Km	Residential Area by Biederman Road Advisory 30 Km/h (Lake Dore)
Dicks Road	Paved		0.25m of Micksburg Road	0.25Km	Residential Area followed by Farm land
Dicks Road	Gravel	0.25m of Micksburg Road	Dead End	0.96Km	Farm land in Gravel Road

Doering Rd		Gravel	Black Creek Road	Dead End		Farm land around on North-West side travel in East- West direction by Black Creek Road
Dore Bay Rd	Dore Bay Road			Woito Station Road		Gravel Road on North-West side travel in North- South direction
Duquette Road						Paved Road on South- West Side circling towards Highway 60 in Wooded area with access to Residential Driveways
Eady Road		Gravel	Traymore Road	Dead End	0.70 Km	Gravel Road connecting to Tramore Road, Wooded Area with Scattered Cottages Residential Driveway

Fish Hut Road	Esh Hut Road	Paved- LCB	Highway 60	Dead End	0.10Km	Road running on the side of Mundts Bay (Golden Lake) with scattered Cottages
Fourth Chute Road			Bromley Township Boundary	Bonnechere Valley Boundary		Road on the South-Eastern Part of the Town , Off Eganville, Scattered Driveway Access in mostly wooded Area
Germanicus Road	Cellination	Paved- LCB	Highway 41	Smiths Bay Road	2.17Km	Mix of Farm land, Houses, and Forest Area
Germanicus Road		Paved- LCB	Smiths Bay Road	Royal Pines Road	3.43Km	Wooded Area and open spaces at places

Goldfinch Drive		Paved- CL	McMillan Road	Dead End	1.5Km	Wooded area off McMillan Road
Green Lake Road		Gravel	Black Creek Road	Lemke Road	1.60Km	Gravel Road on North-West side travel in East-West direction by Black Creek Road
Green Lake Road		Paved- CL	Lemke Road	Highway 41	4.1Km	Paved Road on North-West side travel in East-West direction by Black Creek Road (Mix of Farm land, Houses, and Forest Area)
Griffith Wagner Rd	60	Paved -LCB	Highway 60	0.8km North (Cottage Area)	0.80Km	Residential Area with Posted Sign near Highway 60

Griffith Wagner Rd		Gravel	0.8km North (Cottage Area)	Dead End (Forest Area)	3.40Km	Wooded area off Highway 60
Grist Mill Road	Google	Paved- LCB	Highway 60	Bonnechere Valley Twp. Boundary (Eganville)	7.80Km	Farm Land, Houses and Wooded Area, Perceived Collector
Gurlitz Rd		Gravel	Fourth Chute Road	Dead End	1.60 Km	A road on the Southern-Eastern Part of the Town, Off Eganville intersecting to Fourth Chute Road
Henry Road		Gravel	B-Line Road	Dead End	0.20Km	Road near Woito Station Road, Wooded and Farm Area
Hewitts Corner Rd	alternal and the second	Paved- LCB	Highway 41	Blue Bird Road	3.20Km	Farmland, Residential Area, Goes up to the Blue Bird Road (Border)

		Gravel	Jessup Road	Dead End	1.40Km	Cottages in Wooded Area, access to Driveway
Holiday Lane						
Island View Dr		Paved- LCB	Highway 60	1.8Km South	1.90Km	Cottages and Driveway Access running though Bonchere River
Jessup Rd		Paved- LCB	Bulger Road (County Road 9)	Dead End	2.80Km	Residential and Farm Area up to 0.40 Km from County road towards South- West followed by Wooded Area
Karmak Haven Rd	Survey Su	Gravel	Griffith Wagner Rd	Dead End	0.56 Km	Cottages with Driveway Access in Gravel Road near Kranz Road, Off Highway 60

Kilby Rd					Wooded Area by Traymore Road
Kiley Road	Killey Rost				Wooded Area by Mink Lake Road
Kirk Court		Biederman Rd	Dead End (Cul De Sac)	0.10Km	Residential Area by Biederman Road Advisory 30 Km/h (Lake Dore)

		Gravel	Highway 60	Martha's Road	2.60Km	Farm Land on the West side and Bonnechere River on East
Kranz Rd		G. G				Side, Off-Highway 60 travels in the North-South direction and goes towards the forest Area
Kutschke Rd			Dore Road)			Gravel Road opposite Trail Blazers Road (Near Lake Dore Road)
Lemke Road		Gravel	0.95Km East from Green La	Woitu Station Road	5Km	Mix of Farm land, Houses, and Forest Area
Letts Cemetary Rd	TO OCCOR 18	Paved- HCB	Highway 41	Bruce St	4Km	Mix of Farm land, Houses

	Gravel	Lake Dore Road	Dead End	0.30Km	Residential houses and narrow road (By Lake Dore Road)
Limestone Rd					
Link Road					Farm Land , Off Highway 60
Lovers Lane	Gravel	Highway 60	County Road 30 (Lake	1.8 Km	Few Houses off Highway 60 towards Lake Dore Road followed by wooded area
Marsh Road	Gravel	Black Creek Road	B-Line Road	6Km	Few Houses and NAW Fire Station off B Line Road towards Lake Black Creek Road followed by Farm and Wooded area

Marthas Rd	Gravel	Kranz Road	Dead End	0.40Km	Forest Area, Gravel Road
McMillan Rd	Paved	Highway 60	1.70 South of Highway 60 (Dead End)	1.70Km	Cottages and Houses with multiple driveway access
McNee Drive	Paved- HCB	Highway 60	Highway 60	1.00Km	Cottages and Houses with multiple driveway access
Meadow Wood Road	Gravel	Germanicus Road	Dead End	1.6Km	Forest Area, Gravel Road by Germanicus Road

Mink Lake Road		Paved	Highway 60			Wooded Area and scattered Cottages by Mink Lake (Access though Highway 60)
Mink Lake Road	Minic Late Road	Gravel	Snodrifter's Road	Cold Creek Road	2.20Km	Wooded Area by Mink Lake
Mink Lake Road		Gravel	Cold Creek Road	Point Church Drive	3.70Km	Farm Land and Wooded area

Old Bridge Road						Residential Area by Traymore Road with multiple driveway access
Old Camp Road	Old Camp Road  Old Camp Road	Gravel	Roesler Road	Cement Bridge Road	1.70Km	Rural Forest Area on North-West section
Ott Road		Paved	Highway 60	Dead End	0.40Km	Paved Road off Highway 60 with few Residential Houses

[		Paved- LCB	Berndt Road	Dead End	0.10 Km	Forest Area off Berndt Road
Panke Road	and the state of t					
Passaw Road	Passaw Road  3 of 10  Midd ake	Gravel		Highway 60	6Km	Rural Forest Area on North-West section
Petznicks Lake Rd*		Gravel	Trailblazers Road	Woito Station Road	7 Km	Rural Forest Area on North-West section
Point Church Dr						Paved Road Off Highway 41, facing Lake Dore, Cottages, and Residential Area
Point Church Dr		Paved HCB	Smiths Bay Road	Highway 41	1.6Km	Paved Road Off Highway 41, facing Lake Dore, Cottages, and Residential Area

<sup>\*</sup> Note: Petznicks Lake Road is not a Township Road and will not have a designated speed limit.

Ranken Rink Rd		Gravel	Highway 41	Dead End		Off-Highway 41 on south side, Mix of Wooded area and Farm land
Red Pine Camp Way		Gravel	Island View Drive	Dead End	0.10Km	Off Island View Drive
Reiche Rd	Charle Cambridge Charle Charle Cambridge Charle Cha	Paved LCB	Green Lake Road	Dead End	3Km	Mix of Farm Land and Residential Area off Greenlake Road
Roesler Rd	Toesler Road	Gravel	1.6km East of Berndt Road	Old Camp Road	3.3Km	Rural Gravel Road -Forest Area in North-West section
Royal Pines Road		Paved-LCB	Lake Dore Road	Highway 60	5.90Km	Rural Gravel Road -Forest Area in North-West section

Scheunemun Rd	Scheuneman Rd.	Paved- LCB	Lake Dore Road	Dead End	0.80Km	Wooded area with scattered residential houses
School Road	Transport seed.  Great	Gravel			0.90Km	Off Lake Dore Road facing Lake Dore, Several Cottages
Sell Rd		Paved- LCB	Highway 41	Bluebird Road		Off-Highway 41 on North- West side, Mix of Wooded area and Farm land
Shaw Woods Road		Gravel		0.2km South of Highway 41		Rural Gravel Road with Mix of Farm Land and Wooded Area
Shaw Woods Road		Paved- LCB		0.2km South of Highway 41	0.20Km	Farm Land and Entrance to Township Office

	I .	<u> </u>	I		I.,
Shed Hill Road			Direction from Tramore Road (Dead End)		Narrow Road Going towards Forest from Tramore Road
Smiths Bay Road	Gravel	Tramore Road	North- West Direction		Smiths Bay Campsite and Residential Area facing Smiths Bay (Lake Dore)
Smiths Bay Road	Paved- LCB	Point Church Drive	Germanicus Road		Gravel Road in Wooded Area from Royal Pines to Germanicus Rd
Snodrifters Road		Mink Lake Road	Letts Cemetery Road		Mix of Farm Land and Residential Area
Sperberg Road	Paved- LCB	Letts Cemetery Road	Highway 41	1.80Km	Rural Gravel Road -Forest Area in North-West section

	Gravel	Sperberg Road	Burchat Road	2.10Km	Rural Gravel Road -Forest Area in North-West section
Springer Rd					
Stone Hedges Road	Gravel	County Road 9 (Bulger Road)	Point Church Drive	6.35km	Residential and Farm Land
Thur Street	Paved LCB	Lake Dore Road	Dead End	0.10Km	Residential Area by Lake Dore Road
Trail Blazers Rd	Gravel	Lake Dore Road	Budds Mill Road	4.40Km	Wooded Area by Lake Dore Road
Tramore Road	Paved	Highway 60	Haggarty/ Richards Boundary	6.6Km	Mix of Residential and Wooded Area by Highway 60

Walshs Rd	Gravel	Highway 41	Bluebird Road	1.9Km	Cottages in Wooded Area by Highway 41
Wilber Heights Rd	Paved - HCB	Highway 60	Highway 60	0.60Km	Highway 60- Highway 60
Wilkens Road	Gravel	Grist Mill Road	Dead End	0.5Km	Residential and Farm Area
Woito Station Rd	Gravel	Black Creek Road	Dore Bay Road	5.8Km	On the Northern Border, Wooded Area



RADAR SPEED STUDY									
	ON: Black Creek I	Rd			•				
DIR:Nor		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo				
	022-12-14	DAY: Wednesday	TIME: fro		to 8:00	POSTED SPE	ED		
	radar & pavemer		Commer						
	urface) Type:	Width:		(Shoulders) T	уре:	Width:			
(Median		Width:		(Sidewalks) T		Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	VEHICLES	Total	Total Veh.		
OVER							0		
120							0		
118							0		
116							0		
114							0		
112							0		
110							0 0 0		
108							0		
106							0		
104							0		
102							0		
100							0		
98							0		
96							0		
94							0		
92							0		
90							0		
88							0		
86							0		
84							0		
82							0		
80							0 0 0 0 0		
78							0		
76							0		
74							0		
72			1				1		
70			1				1		
68			1				1		
66			1				0		
64			1				0		
62 60			1				1		
58			I				0		
56							0		
54							0		
54 52						+	0		
50						1	0		
48						1	0		
46						+	0		
44							0		
42							0		
40							0		
38							0		
36							0		
34							0 0 0 0 0		
32							0		
30							0		
28							n		
26							n		
24							0		
22							0		
20						+	0		
18							0		
16							0		
UNDER						+	0 0 0 0		
SHULIN			<u> </u>			1	ı		

120		RADAR SPEED STUDY									
DATE: 2022-12-14   DAY: Wednesday   Time: from 8:00   to 9:00   POSTED SPEED											
Dist blay radar & pavement edge:		rth	REGION/MUN: North	Alogna \	Wilberforce						
Road Surface) Type:   Width:   (Shoulders) Type:   Width:   (Sidewalks) Type:   (Sidewa						to 9:00	POSTED SPE	ED			
Median   Type:   Width:   Sidowalks   Type:   Width:				Commer							
					(Shoulders) T	ype:					
OVER         0           1120         0           118         0           116         0           1114         0           1112         0           110         0           108         0           104         0           102         0           100         0           98         0           96         0           92         0           99         0           88         0           86         0           86         0           86         0           87         0           88         0           88         0           88         0           88         0           88         0           88         0           88         0           88         0           88         0           88         0           80         0           78         0           76         0           74         0           72         0	(Median	i) Type:	Width:		(Sidewalks) T	ype:	Width:				
120		CARS AND L	IGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.			
118	OVER							0			
116								0			
1114											
1112								0			
110								0			
108								0			
106								0			
104								0			
100   0   0   0   0   0   0   0   0   0											
100											
98   0   0   0   0   0   0   0   0   0											
96											
94								0			
92   0   0   0   0   0   0   0   0   0											
90         0           88         0           84         0           82         0           80         0           78         0           76         0           74         0           72         0           68         0           66         0           64         0           62         0           60         0           58         0           56         1           1         1           54         0           55         0           50         0           48         0           44         0           44         0           44         0           33         0           34         0           35         0           36         0           33         0           32         0           33         0           24         0           24         0           24         0      24          22         0											
88         0           84         0           80         0           78         0           76         0           74         0           70         0           68         0           66         0           64         0           62         0           60         0           55         1           56         1           57         0           60         0           60         0           60         0           60         1           70         0           60         0           60         0           60         0           60         0           53         0           54         0           55         0           60         0           48         0           44         0           44         0           44         0           40         0           33         0           24         0											
86         0           82         0           80         0           76         0           74         0           70         0           68         0           66         0           62         0           60         0           55         1           56         1           50         0           48         0           44         0           44         0           44         0           38         0           36         0           33         0           28         0           26         0           24         0           22         0           20         0           18         0								0			
84       0         80       0         78       0         76       0         74       0         72       0         68       0         66       0         64       0         60       0         58       0         56       1         54       0         52       0         50       0         48       0         46       0         44       0         40       0         33       0         34       0         34       0         32       0         26       0         24       0         24       0         22       0         20       0         18       0								0			
82         0								0			
80         0           78         0           76         0           74         0           72         0           70         0           68         0           66         0           62         0           60         0           58         0           56         1           52         0           50         0           48         0           46         0           44         0           42         0           40         0           38         0           34         0           32         0           30         0           28         0           24         0           24         0           24         0           20         0           18         0								0			
78         0								0			
76         0								0			
74       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0								0			
72       0       0       0         68       0       0       0         66       0       0       0         62       0       0       0         58       0       0       0         56       1       1       1         54       0       0       0         50       0       0       0         48       0       0       0         46       0       0       0         44       0       0       0         38       0       0       0         38       0       0       0         34       0       0       0         30       0       0       0         28       0       0       0         24       0       0       0         22       0       0       0         16       0       0       0								0			
70        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0								0			
68       0       0       0         66       0       0       0         62       0       0       0         58       0       0       0         56       1       1       1         52       0       0       0         50       0       0       0         48       0       0       0         46       0       0       0         42       0       0       0         38       0       0       0         34       0       0       0         32       0       0       0         28       0       0       0         24       0       0       0         24       0       0       0         22       0       0       0         16       0       0       0								0			
66       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0								0			
64       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0								0			
60       0         58       0         56       1         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0											
60       0         58       0         56       1         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0								0			
58       0         56       1         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0								0			
56       1       1       1         54       0       0       0         52       0       0       0         50       0       0       0         48       0       0       0         46       0       0       0         40       0       0       0         38       0       0       0         36       0       0       0         32       0       0       0         28       0       0       0         28       0       0       0         24       0       0       0         22       0       0       0         20       0       0       0         18       0       0       0											
54       0         52       0         50       0         48       0         46       0         44       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0         24       0         22       0         20       0         18       0         16       0							1				
52       0         50       0         48       0         46       0         44       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0							'				
50       0         48       0         46       0         44       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0											
48       0         46       0         44       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0											
46       0         44       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0											
44       0       0         40       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         26       0       0         24       0       0         22       0       0         18       0       0         16       0       0											
42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         18       0         16       0											
40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0											
38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0											
36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0								0			
34     0       32     0       30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0								n			
32     0       30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0								0			
30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0								0			
28     0       26     0       24     0       22     0       20     0       18     0       16     0											
26     0       24     0       22     0       20     0       18     0       16     0								0			
24     0       22     0       20     0       18     0       16     0								0			
22     0       20     0       18     0       16     0											
20     0       18     0       16     0								0			
18 0 16 0 UNDER 0											
16 0 0 UNDER								0			
UNDER 0	16							0			
ı- ı	UNDER							0			

	RADAR SPEED STUDY									
	ON: Black Creek R									
DIR:Nor	th	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 16:30	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) 1	уре:	Width:				
(Median		Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96						ļ	0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74			1				1			
72							0			
70							0			
68 66			1				1 0			
64 62							0			
60							0			
58							0			
56							0			
54						<del> </del>	0			
52						<del> </del>	0			
50						<del>                                     </del>	0			
48						<del> </del>	0			
46							0			
44			1			1	1			
42			'			1	0			
40						1	0			
38						1	0			
36						1	0			
34			1			1	1			
32						1	0			
30						1	0			
28						1	0			
26						1	0			
24						1	0			
22						1	0			
20						1				
18						1	n			
16						1	0 0			
UNDER						1	0			
						<u> </u>				

120	RADAR SPEED STUDY										
DATE: 2022-12-14   DAY: Wednesday   Time: from 16:30   to 17:30   POSTED SPEED											
Dist bity radar & pavement edge:   m   Commers   Width:   Shoulders) Type:   Width:   Shoulders) Type:   Width:   Sidewalks) Type:   Width:   Wid			<b>REGION/MUN: North</b>	Alogna \	Wilberforce						
Road Surface  Type:   Width:   (Shoulders) Type:   Width:   (Sidewalks) Type:   (Sidewalks) Ty						to 17:30	POSTED SPE	ED			
Median   Type:   Width:   Sidewalks   Type:   Width:   Total Veh.				Commer							
Implie   CARS AND LIGHT VEHICLES   Total   HEAVY VEHICLES   Total   On One of the content of t					(Shoulders) 1	уре:					
OVER         0           1120         0           118         0           116         0           117         0           110         0           110         0           108         0           104         0           100         0           100         0           98         0           96         0           99         0           92         0           99         0           88         0           86         0           86         0           86         0           87         0           88         0           88         0           86         0           87         0           88         0           80         0           78         0           70         0           68         0           66         0           67         0           68         0           66         0           66         0											
120		CARS AND LI	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total				
118								0			
116											
1114											
1112											
110								0			
108								0			
106								0			
104								0			
100   0   0   0   0   0   0   0   0   0											
100   98   0   0   0   0   0   0   0   0   0							1	0			
98   0   0   0   0   0   0   0   0   0								0			
96								0			
94   0   0   0   0   0   0   0   0   0								0			
90	94							0			
88         0           84         0           82         0           80         0           78         0           76         0           72         0           68         0           66         0           64         0           62         1           53         0           56         0           54         0           52         0           50         0           48         0           46         0           44         2           42         0           43         0           33         0           34         0           32         0           26         0           24         0           24         0           22         0           30         0           32         0           30         0           24         0           24         0           25         0           0         0								0			
86       0         84       0         80       0         76       0         74       0         70       0         68       0         66       0         64       0         62       1         58       0         56       0         54       0         52       0         50       0         48       0         44       2         42       0         40       0         38       0         36       0         34       0         32       0         26       0         24       0         24       0         22       0         22       0         23       0         31       0         32       0         33       0         24       0         25       0         26       0         27       0         28       0         29 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></td<>								0			
84         0           80         0           78         0           76         0           74         0           72         0           68         0           66         0           64         0           62         1           60         0           58         0           56         0           54         0           52         0           50         0           48         0           46         0           44         2           42         0           40         0           33         0           34         0           32         0           30         0           24         0           24         0           25         0           50         0           40         0           33         0           34         0           33         0           34         0           35         0								0			
82								0			
80       0         78       0         76       0         74       0         70       0         68       0         66       0         64       0         62       1         60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         44       2         42       0         40       0         38       0         34       0         32       0         30       0         28       0         26       0         24       0         24       0         24       0         25       0         0       0         38       0         30       0         28       0         29       0         20       0         18       0								0			
78         0           76         0           74         0           70         0           68         0           66         0           64         0           60         1           60         0           58         0           56         0           54         0           52         0           50         0           48         0           46         0           44         2           42         0           40         0           38         0           36         0           34         0           32         0           30         0           28         0           20         0           18         0								0			
76       0         74       0         70       0         68       0         66       0         64       0         62       1         58       0         56       0         54       0         52       0         50       0         48       0         46       0         44       2         42       0         40       0         38       0         36       0         34       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0								0			
74       0         72       0         70       0         68       0         66       0         64       0         62       1         60       0         58       0         56       0         52       0         50       0         48       0         46       0         44       2         42       0         40       0         38       0         36       0         34       0         32       0         28       0         26       0         24       0         22       0         20       0         16       0								0			
72								0			
70        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td>								0			
68       0         66       0         64       0         62       1         60       0         58       0         56       0         52       0         50       0         48       0         46       0         44       2         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0         22       0         24       0         22       0         23       0         24       0         25       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0								0			
66								0			
64								0			
62       1       1       1       1       1       1       1       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0											
60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         44       2         42       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0				1				1			
58       0         56       0         54       0         52       0         50       0         48       0         46       0         44       2         42       0         40       0         38       0         36       0         32       0         30       0         28       0         24       0         22       0         24       0         22       0         23       0         24       0         25       0         26       0         22       0         20       0         18       0         16       0								0			
56       0         54       0         52       0         50       0         48       0         46       0         44       2         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0         24       0         22       0         20       0         18       0         16       0								0			
54       0         52       0         50       0         48       0         46       0         44       2         42       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         18       0         16       0								0			
50       0         48       0         46       0         44       2         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0         24       0         20       0         18       0         16       0								0			
48       0         46       0         44       2         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0								0			
46       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0								0			
44     2       42     0       40     0       38     0       36     0       34     0       32     0       30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0			· · · · · · · · · · · · · · · · · · ·					0			
42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         18       0         16       0							ļ	0			
40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0				2			ļ	2			
38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0							1				
36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0							1	0			
34     0       32     0       30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0								0			
32     0       30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0							<del> </del>	0			
30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0							<del> </del>	0			
28     0       26     0       24     0       22     0       20     0       18     0       16     0							<del> </del>				
26     0       24     0       22     0       20     0       18     0       16     0							1	n			
24     0       22     0       20     0       18     0       16     0								0			
22     0       20     0       18     0       16     0							1				
20 0 18 0 16 0							1	0			
18 0 16 0 UNDER 0											
16 0 UNDER 0								0			
UNDER 0							İ	0			
, , , , , , , , , , , , , , , , , , , ,	UNDER							0			

RADAR SPEED STUDY										
	ON: Black Creek R									
DIR:Sou	uth	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 8:00	POSTED SPE	ED			
	radar & pavemen		Commer							
	Surface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median	<del>, , , , , , , , , , , , , , , , , , , </del>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112 110							0			
108							0			
106							0			
104							0			
102						1	0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0			
72 70							0			
68							0			
66							0			
64										
62							0			
60							0			
58							0			
56							0			
54							0			
52							0			
50							0			
48							0			
46							0			
44			1			ļ	1			
42						ļ	0			
40						ļ	0			
38						ļ	0			
36						1	0			
34						<del>                                     </del>	0			
32						<del>                                     </del>	0			
30 28						-	0			
26						<del> </del>	0			
24						<del> </del>	0			
22						<del> </del>	0			
20						<del> </del>				
18						<del> </del>	0			
16							0 0 0			
UNDER							0			
SHULK						<u>I</u>	U			

RADAR SPEED STUDY										
	Black Creek R									
DIR:South		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
DATE: 2022-			TIME: fro	om 8:00	to 9:00	POSTED SPE	ED			
	lar & pavement		Commer							
(Road Surfa		Width:		(Shoulders) T	ype:	Width:				
(Median)	Type:	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112 110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0			
72 70			1				0			
68			1				0			
66							0			
64										
62							0			
60							0			
58			1				1			
56							0			
54							0			
52							0			
50			1				1			
48							0			
46							0			
44			1				1			
42							0			
40							0			
38							0			
36 34							0			
32							0			
30							0			
28							0			
26							0			
24							0			
22							0			
20										
18							0 0			
16							0			
UNDER							0			
-··-						l .				

RADAR SPEED STUDY										
	ON: Black Creek R									
DIR:Sou	ıth	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 16:30	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110 108							0			
106							0			
104							0			
102						<del> </del>	0			
102							0			
98						<del> </del>	0			
96						1	0			
94							0			
92							0			
90							0			
88			1				1			
86							0			
84							0			
82							0			
80							0			
78							0			
76			1				1			
74							0			
72							0			
70			1				1			
68			1				1			
66			1				1			
64							0			
62							0			
60							0			
58							0			
56 54						<del> </del>	0			
54 52						<del> </del>	0			
50						1	0			
48						<del>                                     </del>	0			
46						1	0			
44						<u>†</u>	0			
42			1			1	1			
40							0			
38							0			
36							0			
34							0			
32							0			
30							0			
28							0			
26			1				1			
24							0			
22							0			
20							0			
18							0 0			
16							0			
UNDER							0			

RADAR SPEED STUDY										
	ON: Black Creek R									
DIR:Sout	th	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 17:30	POSTED SPE	ED			
	radar & pavement		Commer							
	urface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median)		Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND LI	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112 110							0			
108							0			
106							0			
104							0			
102						1	0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82			1				1			
80							0			
78							0			
76							0			
74							0			
72 70							0			
68							0			
66			1				1			
64			'				0			
62			1				1			
60							0			
58						1	1			
56						<u> </u>	0			
54							0			
52							0			
50							0			
48			1				1			
46							0			
44						ļ	0			
42						ļ	0			
40						ļ	0			
38						1	0			
36 34						-	0			
32						<del> </del>	0			
30							0			
28						<del> </del>	0			
26						1	0			
24						1	0			
22						1	0			
20						1	0			
18							0			
16							0			
UNDER							0			
						I .	· · ·			

RADAR SPEED STUDY										
	ON: Island View D									
DIR:Eas	t	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 8:00	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96						ļ	0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0			
72							0			
70							0			
68							0			
66							0			
64							0			
62							0			
60							0			
58							0			
56							0			
54						ļ	0			
52						ļ	0			
50			1			ļ	1			
48						ļ	0			
46			1			ļ	1			
44			1			ļ	1			
42						ļ	0			
40						ļ	0			
38						ļ	0			
36						<b> </b>	0			
34							0			
32						<b> </b>	0			
30						<b> </b>	0			
28						ļ	0			
26						ļ	0			
24						<b> </b>	0			
22						ļ	0			
20						ļ	0 0			
18						ļ	0			
16						ļ	0			
UNDER						<u> </u>	0			

RADAR SPEED STUDY										
	ON: Island View D									
DIR:Eas	st	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 9:00	POSTED SPE	.ED			
	radar & pavemen		Commer							
	Surface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median	<del>, , , , , , , , , , , , , , , , , , , </del>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	<b>VEHICLES</b>	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102						<u> </u>	0			
100						<u> </u>	0			
98						<del> </del>	0			
96						<del> </del>	0			
94 92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0			
72							0			
70							0			
68							0			
66							0			
64							0			
62							0			
60			1				1			
58							0			
56							0			
54							0			
52							0			
50		·					0			
48							0			
46							0			
44			1				1			
42			1				1			
40							0			
38							0			
36							0			
34							0			
32							0			
30						<u> </u>	0			
28						<del> </del>	0			
26						1	0			
24						<del> </del>	0			
22						<del> </del>	0			
20						<del> </del>	0			
18						<del> </del>	0 0			
16 UNDER						<del> </del>	0			
UNDEK							1 0			

RADAR SPEED STUDY										
	ON: Island View D				_					
DIR:Eas	st	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 16:30	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) 1	Гуре:	Width:				
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114 112							0			
110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80 78							0			
76							0			
74							0			
72							0			
70							0			
68							0			
66							0			
64							0			
62							0			
60							0			
58							0			
56			1				1			
54						<b></b>	0			
52						<u> </u>	0			
50			1			1	1			
48 46			1				1 0			
46						<del> </del>	0			
42			1			1	1			
40			<u>'</u>				0			
38						<del> </del>	0			
36						1	0			
34			1				1			
32							0			
30						1	1			
28							0			
26							0			
24							0			
22						ļ	0			
20							0			
18							0			
16							0			
UNDER							0			

RADAR SPEED STUDY									
LOCATI DIR:Eas	ON: Island View D	r  REGION/MUN: North	Alogna	Milhorforco	Weather: Clo	udv			
	2022-12-14	DAY: Wednesday	TIME: fr	om 16:30	to 17:30	POSTED SPE	ED		
	radar & pavemen		Commer		10 17.30	IFOSTED SFE	.LD		
	urface) Type:	Width:	Comme	(Shoulders)	Tyne:	Width:			
(Median		Width:		(Sidewalks)	Type:	Width:			
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.		
OVER	O/MO/MB E	TOTAL VERNOLES	Total	112/(\(\frac{1}{2}\)	VEINGLEG	i otai	0		
120							0		
118							0		
116							0		
114							0		
112							0		
110							0		
108							0		
106							0		
104							0		
102							0		
100							0		
98							0		
96							0		
94							0		
92 90							0		
88							0		
86							0		
84							0		
82							0		
80							0		
78							0		
76							0		
74							0		
72							0		
70							0		
68							0		
66							0		
64							0		
62							0		
60							0		
58							0		
56 54							0		
54 52							0		
50							0		
48							0		
46							0		
44							0		
42							0		
40							0		
38							0		
36							0		
34							0		
32							0		
30							0		
28							0		
26						ļ	0		
24						ļ	0		
22						ļ	0		
20						1	0		
18 16						<del>                                     </del>	0		
16 UNDER							0		
OINDEK							l U		

RADAR SPEED STUDY									
LOCATI DIR:Wes	ON: Island View D	or  REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo	oudv			
	2022-12-14	DAY: Wednesday	TIME: fro	om 7:00	to 8:00	POSTED SPE	ED		
	radar & pavemen		Commer						
	urface) Type:	Width:		(Shoulders)	Туре:	Width:			
(Median		Width:		(Sidewalks)	Type:	Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.		
OVER							0		
120							0		
118							0		
116							0		
114							0		
112							0		
110							0		
108							0		
106							0		
104							0		
102							0		
100							0		
98 96							0		
96							0		
92							0		
90							0		
88							0		
86							0		
84							0		
82							0		
80							0		
78							0		
76							0		
74							0		
72							0		
70							0		
68							0		
66							0		
64							0		
62							0		
60			1				1		
58							0		
56			1				1		
54							0		
52 50							0		
48						2	0		
46			1				2		
44							0		
42							0		
40							0		
38							0		
36							0		
34							0		
32							0		
30							0		
28							0		
26							0		
24							0		
22							0		
20							0		
18							0		
16							0		
UNDER							0		

RADAR SPEED STUDY									
LOCATI DIR:Wes	ON: Island View D	or  REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo	oudy			
DATE: 2	2022-12-14	DAY: Wednesday	TIME: fro	om 8:00	to 9:00	POSTED SPE	ED		
	radar & pavemen		Commer						
	urface) Type:	Width:		(Shoulders)	Туре:	Width:			
(Median		Width:		(Sidewalks)		Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.		
OVER							0		
120							0		
118 116							0		
114						1	0		
112							0		
110							0		
108							0		
106							0		
104							0		
102							0		
100						1	0		
98 96							0		
94							0		
92							0		
90							0		
88							0		
86							0		
84							0		
82							0		
80							0		
78 76							0		
76							0		
72							0		
70							0		
68							0		
66							0		
64							0		
62							0		
60			1				1		
58							0		
56 54							0		
52							0		
50							0		
48							0		
46							0		
44							0		
42							0		
40							0		
38						1	0		
36 34							0		
32							0		
30							0		
28							0		
26							0		
24							0		
22							0		
20							0		
18							0		
16						1	0		
UNDER							0		

			DAR SP	EED STUDY			
	ON: Island View D						
DIR:Wes	st	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy	
	022-12-14 radar & pavemen		Commer	om 15:30	to 16:30	POSTED SPE	:ED
Poad S	urface) Type:	Width:		(Shoulders) T	'vne:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype.	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER			10101				0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106 104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80 78							0
76							0
74							0
72							0
70							0
68							0
66							0
64							0
62			1				1
60							0
58			4				0
56 54			1				1
52			l l				0
50			1				1
48			1				1
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26						+	0
24						1	0
22							0
20							0
18							0
16							0
UNDER							0

			DAR SP	EED STUDY	7		
	ON: Island View D				I		
DIR:Wes	st	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy	
	2022-12-14 / radar & pavemen		TIME: fro		to 17:30	POSTED SPE	:ED
Poad S	urface) Type:	Width:		(Shoulders) T	vne:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype. vne:	Width:	
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.
OVER	0,000,000			112/101/0			0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104 102							0
102							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78			1				1
76							0
74							0
72 70							0
68							0
66							0
64							0
62							0
60							0
58							0
56							0
54							0
52			2				2
50							0
48			1				1
46 44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16 UNDER						-	0
UNDEK			Ī	I		1	1 0

	RADAR SPEED STUDY										
	ON: Gristmill Rd										
DIR:Eas		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo						
			TIME: fro		to 8:00	POSTED SPE	ED				
	radar & pavemen		Commer								
	urface) Type:	Width:		(Shoulders) 1	уре:	Width:					
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:					
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	<b>VEHICLES</b>	Total	Total Veh.				
OVER							0				
120							0				
118							0				
116							0				
114							0				
112							0				
110							0				
108							0				
106							0				
104							0				
102							0				
100							0				
98						ļ	0				
96							0				
94							0				
92							0				
90							0				
88							0				
86							0				
84			1				1				
82			1				1				
80							0				
78							0				
76							0				
74							0				
72							0				
70							0				
68			1				1				
66							0				
64							0				
62							0				
60							0				
58							0				
56							0				
54						ļ	0				
52						ļ	0				
50						ļ	0				
48						ļ	0				
46			1			ļ	1				
44						ļ	0				
42						ļ	0				
40						ļ	0				
38						ļ	0				
36						<b> </b>	0				
34							0				
32						ļ	0				
30						<b> </b>	0				
28						ļ	0				
26						ļ	0				
24						ļ	0				
22							0				
20						ļ	0				
18						ļ	0 0 0				
16						ļ	0				
UNDER						<u> </u>	0				

		RAI	DAR SP	EED STUDY			
	ON: Gristmill Rd	I				_	
DIR:Eas		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo		
	022-12-14		TIME: fro		to 9:00	POSTED SPE	EED
/Pood S	radar & pavemen urface) Type:	t edge: m Width:	Commer	ts (Shoulders) T	'vno:	Width:	
(Median	Type:	Width:		(Sidewalks) T	yne.	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	07 11 10 7 11 1D E	OTT VETTOLES	Total	112/(01/0	Lindle	- I Otal	0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106 104						+	0
102							0
100							0
98							0
96							0
94			1				1
92							0
90							0
88							0
86							0
84							0
82 80			1				0
78			- 1			+	0
76							0
74							0
72			1				1
70							0
68			1				1
66							0
64							0
62							0
60							0
58			4				0
56 54			1				1 0
52						+	0
50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26						+	0
24						+	0
22						+	0
20						†	0
18						1	0
16							0
UNDER							0

		RAI	DAR SP	EED STUDY	•		
	ON: Gristmill Rd						
DIR:Eas		REGION/MUN: North	Alogna '	Wilberforce	Weather: Clo		
	022-12-14			om 15:30	to 16:30	POSTED SPE	ED
Dist btw	radar & pavemen		Commer			100 100	
	urface) Type:	Width:		(Shoulders) T		Width:	
(Median		Width:		(Sidewalks) T		Width:	
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	EHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116 114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96							0
94			1				1
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76			1				1
74							0
72							0
70 68							0
66			1				1
64			1				0
62							0
60						1	1
58							0
56							0
54							0
52							0
50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26							0
26							0
22							0
20							0
18							0
16							0
UNDER							0

RADAR SPEED STUDY										
	ON: Gristmill Rd									
DIR:Eas	st	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy				
			TIME: fro		to 17:30	POSTED SPE	ED			
Dist btw	v radar & pavemen	t edge: m Width:	Commer			Width:				
(Median	Surface) Type:	Width:		(Shoulders) (Sidewalks)	Type:	Width:				
Km/hr		GHT VEHICLES	Total		VEHICLES	Total	Total Veh.			
OVER	CAILS AILD LI	GIII VEIIICEES	Total	IILAVI	VEINOLLS	Total	0			
120							0			
118							0			
116							0			
114							0			
112							0			
110						-	0			
108 106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90			1				0			
88 86			3				1 3			
84			3				0			
82							0			
80							0			
78							0			
76							0			
74							0			
72							0			
70							0			
68							0			
66 64			1			<u> </u>	0			
62			1				1			
60			·				0			
58							0			
56			1				1			
54							0			
52							0			
50						-	0			
48 46							0			
46						1	0			
42							0			
40							0			
38							0			
36							0			
34							0			
32							0			
30						-	0			
28 26							0			
24						1	0			
22							0			
20						<u> </u>	0			
18							0			
16							0			
UNDER							0			

		RAI	DAR SP	EED STUD	Y		
LOCATI DIR:Wes	ON: Gristmill Rd	REGION/MUN: North	Alogna	Wilhorforco	Weather: Clo	nudv.	
	2022-12-14	DAY: Wednesday	TIME: fro	wilberiorce	to 8:00	POSTED SPE	ED
	radar & pavemen		Commer		10 8.00	IFOSTED SFE	LU
	urface) Type:	Width:	Comme	(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER						1 0 000	0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96 94							0
92							0
90							0
88							0
86							0
84			1				1
82			3				3
80							0
78							0
76			1				1
74							0
72							0
70							0
68							0
66 64							0
62							0
60						+	0
58							0
56							0
54							0
52			1				1
50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

		RAI	DAR SP	EED STUDY			
	ON: Gristmill Rd						
DIR:Wes	st	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo		-ED
	022-12-14		TIME: fro		to 9:00	POSTED SPE	:ED
NISC DEM	radar & pavemen urface) Type:	t edge: m Width:		rts (Shoulders) T	vne:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype. 'vne:	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER				112/101		1000	0
120							0
118							0
116							0
114							0
112							0
110 108							0
106							0
104							0
102							0
100							0
98							0
96							0
94							0
92 90							0
88							0
86							0
84							0
82			1				1
80							0
78							0
76							0
74							0
72 70							0
68			1				1
66			'				0
64			1				1
62							0
60							0
58							0
56							0
54							0
52 50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32 30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER			I	İ			0

RADAR SPEED STUDY										
	ON: Gristmill Rd				_					
DIR:Wes		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy				
		DAY: Wednesday	TIME: fro		to 16:30	POSTED SPE	:ED			
	radar & pavemen	t edge: m Width:	Commer		T. mai	Width:				
(Median	urface) Type: ) Type:	Width:		(Shoulders) (Sidewalks)	rype: Type:	Width:				
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.			
OVER	CARS AND LI	GIII VLIIICLLS	Total	IILAVI	VLINOLLS	IOtal	O O			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102 100						-	0			
98						+	0			
96						1	0			
94						1	0			
92			1				1			
90							0			
88							0			
86			1				1			
84			1				1			
82							0			
80							0			
78 76							0			
76			1				1			
72			1				1			
70			1				1			
68			<u> </u>				0			
66										
64							0			
62							0			
60							0			
58							0			
56			-				0			
54 52							0			
52 50						1	0			
48							0			
46							0			
44							0			
42							0			
40							0			
38							0			
36							0			
34							0			
32 30							0			
28						+	0			
26							0			
24							0			
22							0			
20							0			
18							0 0 0			
16							0			
UNDER							0			

		RA	DAR SP	EED STUDY			
	ON: Gristmill Rd						
DIR:Wes		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy	
	2022-12-14		TIME: fro		to 17:30	POSTED SPE	EED
/Pood S	radar & pavemen Surface) Type:	nt edge: m Width:		ts (Shoulders) T	'vno:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype.	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	0,410,410,2	IOIII VEIIIOEEO	Total	112/(01/0	Linollo	10141	0
120							0
118							0
116							0
114							0
112							0
110							0
108 106							0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84 82			2				2
80							0
78							0
76							0
74							0
72							0
70			1				1
68							0
66			1				1
64			1				1
62 60							0
58			1				1
56			<u>'</u>				0
54							0
52							0
50							0
48							0
46							0
44							0
42							0
40							0
38 36							0
34							0
32							0
30						1	0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER			I	I		1	0

RADAR SPEED STUDY										
LOCATI	ON: Royal Pines R				_					
DIR:Nor		REGION/MUN: North	Alogna	Wilberforce	Weather: Cl	oudy				
		DAY: Wednesday	TIME: fro		to 8:00	POSTED SPE	ED			
	radar & pavemen	t edge: m Width:	Commer		France:	Width:				
(Median	urface) Type: ) Type:	Width:		(Shoulders) (Sidewalks)	Type:	Width:				
Km/hr		GHT VEHICLES	Total	UE AVV	VEHICLES	Total	Total Veh.			
OVER	CARS AND LI	GIII VLIIICLLS	Total	IILAVI	VEHICLES	Iotai	O O			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108 106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94			1				1			
92							0			
90 88							0			
86							0			
84							0			
82							0			
80			1				1			
78							0			
76							0			
74							0 0			
72 70							0			
68							0			
66										
64							0			
62			1				1			
60							0			
58							0			
56							0			
54 52							0			
52 50							0			
48							0			
46							0			
44							0			
42							0			
40							0			
38							0			
36 34							0			
32							0			
30							0			
28							0			
26							0			
24							0			
22							0			
20							0 0 0			
18							0			
16							0			
UNDER							J 0			

	RADAR SPEED STUDY										
	ON: Royal Pines R	ld									
DIR:Nort	th	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo						
			TIME: fro		to 9:00	POSTED SPE	ED				
	radar & pavement		Commer								
	urface) Type:	Width:		(Shoulders) T	уре:	Width:					
(Median)	• • • • • • • • • • • • • • • • • • • •	Width:		(Sidewalks) T		Width:					
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	<b>VEHICLES</b>	Total	Total Veh.				
OVER							0				
120							0				
118							0				
116							0				
114							0				
112							0				
110							0				
108							0				
106							0				
104			1				1				
102							0				
100							0				
98							0				
96							0				
94							0				
92							0				
90							0				
88							0				
86							0				
84							0				
82							0				
80							0				
78							0				
76							0				
74							0				
72							0				
70							0				
68 66							0				
64 62							0				
60							0				
58							0				
56							0				
54						<del> </del>	0				
52						<del> </del>	0				
50						+	0				
48						<del> </del>	0				
46							0				
44						†	0				
42						1	0				
40						<del> </del>	0				
38						1	0				
36						<del> </del>	0				
34						1	0				
32						1	0				
30						1	0				
28						1	0				
26						1	0				
24							0				
22						1	0				
20						1					
18							0				
16							0 0				
UNDER							0				
							<u> </u>				

RADAR SPEED STUDY									
LOCATI	ON: Royal Pines R	Rd							
DIR:Nor	th	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy			
			TIME: fro		to 16:30	POSTED SPE	ED		
Dist btw	radar & pavemen	t edge: m Width:	Commer			Width:			
(Median	urface) Type: ) Type:	Width:		(Shoulders) 1 (Sidewalks) 1	Type:	Width:			
Km/hr		GHT VEHICLES	Total		VEHICLES	Total	Total Veh.		
OVER	CAILO AILD LI	GIII VLIIICELO	Total	IILAVI	VEITICEES	Total	0		
120							0		
118							0		
116							0		
114							0		
112							0		
110							0		
108 106							0		
104							0		
102							0		
100							0		
98							0		
96							0		
94							0		
92							0		
90							0		
88							0		
86 84							0		
82			1				1		
80			1				1		
78			1			1	2		
76			1				1		
74							0		
72							0		
70							0		
68							0		
66							0		
64 62			1				1		
60			- 1			1	1		
58			1			'	1		
56							0		
54							0		
52							0		
50							0		
48							0		
46							0		
44 42							0		
42							0		
38							0		
36							0		
34							0		
32							0		
30							0		
28							0		
26							0		
24							0		
22							0		
20 18							0		
16							0		
UNDER							0		
J.12LI				<u> </u>			U		

RADAR SPEED STUDY									
LOCATI	ON: Royal Pines R								
DIR:Nor		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy			
		DAY: Wednesday	TIME: fro		to 17:30	POSTED SPE	ED		
	radar & pavemen	t edge: m Width:	Commer		France:	Width:			
(Median	urface) Type: ) Type:	Width:		(Shoulders) (Sidewalks)	rype: Type:	Width:			
Km/hr		GHT VEHICLES	Total	UE AVV	VEHICLES	Total	Total Veh.		
OVER	CARS AND LI	GIII VLIIICLLS	Total	IILAVI	VEHICLES	Iotai	0		
120							0		
118							0		
116							0		
114							0		
112							0		
110							0		
108 106							0		
104							0		
102			1				1		
100							0		
98							0		
96							0		
94			1				1		
92							0		
90 88							0		
86							0		
84							0		
82							0		
80							0		
78							0		
76							0		
74							0		
72 70			1				0		
68			'				0		
66									
64			1				0		
62							0		
60							0		
58			1				1		
56 54							0		
54 52							0		
50							0		
48							0		
46							0		
44							0		
42							0		
40 38			1				1		
36							0		
34							0		
32							0		
30							0		
28							0		
26							0		
24							0		
22							0		
20 18							0		
16							0 0		
UNDER							0		
PINDEK			I			1	ı		

-	RADAR SPEED STUDY									
	ON: Royal Pines R	ld								
DIR:Sou	uth	REGION/MUN: North			Weather: Clo					
			TIME: fro		to 8:00	POSTED SPE	ED			
	radar & pavemen		Commer							
	Surface) Type:	Width:		(Shoulders) T	ype:	Width:				
(Median	<del>, , , , , , , , , , , , , , , , , , , </del>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88			1				1			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0			
72						1	1			
70							0			
68							0			
66			1				0			
64			1				1			
62 60							0			
58							0			
							0			
56 54							0			
52							0			
50							0			
48							0			
46							0			
44							0			
42							0			
40							0			
38							0			
36							0			
34							0			
32							0			
30							0			
28							0			
26							0			
24							0			
22							0			
20										
18							0 0 0			
16							0			
UNDER							0			
PIADEK							U			

			DAR SP	EED STUDY			
	ON: Royal Pines F						
DIR:Sou		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo		T.D.
	022-12-14		TIME: fro		to 9:00	POSTED SPE	EU
NISC DEM	radar & pavemer urface) Type:	nt eage: m Width:	Commen	nts  (Shoulders) T	vne:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype: 'vpe:	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	0,110,110		10101			10.0.	0
120							0
118							0
116							0
114							0
112							0
110 108							0
106							0
104							0
102							0
100							0
98							0
96							0
94							0
92 90							0
88						+	0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72 70						1	1 0
68						+	0
66							0
64							0
62							0
60							0
58			1				1
56							0
54							0
52 50						<del>                                     </del>	0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28						+	0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER			I	Ī			0

RADAR SPEED STUDY										
LOCATION: Royal Pines Rd DIR:South REGION/MUN: North Alogna Wilberforce Weather: Cloudy										
DIR:Sou		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy				
		DAY: Wednesday	TIME: fro		to 16:30	POSTED SPE	:ED			
	radar & pavemen urface) Type:	t edge: m Width:		(Shoulders)	Typo:	Width:				
(Median		Width:		(Sidewalks)	rype. Γνηρ:	Width:				
Km/hr		GHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER	OAILO AILD LI	OIII VEIIIOEEO	Total	IILAVI	VEINOLLO	Total	0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108 106							0			
104							0			
102						<u> </u>	0			
100			1			1	1			
98							0			
96							0			
94							0			
92							0			
90 88						-	0			
86							0			
84			1				1			
82							0			
80							0			
78			1				1			
76							0			
74			1				1			
72 70						-	0			
68							0			
66										
64							0			
62			1				1			
60			1				1			
58							0			
56							0			
54 52						+	0			
50						<del> </del>	0			
48							0			
46						<u> </u>	0			
44							0			
42							0			
40						1	0			
38 36							0			
34						1	0			
32						1	0			
30						1	0			
28							0			
26							0			
24							0			
22						-	0			
20						1	0 0 0			
18 16						+	0			
UNDER						1	0			
PIADEK			I			1	ı			

RADAR SPEED STUDY										
LOCATION: Royal Pines Rd										
DIR:Sou		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy				
		DAY: Wednesday	TIME: fro		to 17:30	POSTED SPE	:ED			
	radar & pavemen	t edge: m Width:	Commer		T. mai	Width:				
(Median	urface) Type:	Width:		(Shoulders) (Sidewalks)	rype: Type:	Width:				
Km/hr		IGHT VEHICLES	Total	UE AVV	VEHICLES	Total	Total Veh.			
OVER	CARS AND LI	GIII VLIIICLLS	Total	IILAVI	VLINOLLS	IOtal	O O			
120						1	0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102 100						+	0			
98						+	0			
96						<del>                                     </del>	0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80			1				1			
78 76			1				1			
74			<u> </u>			-	0			
72			1			<del> </del>	1			
70			<u>'</u>				0			
68			1				1			
66			1				1			
64							0			
62			1				1			
60							0			
58						ļ	0			
56 54						1	0			
54 52						-	0			
52 50							0			
48						1	0			
46							0			
44							0			
42							0			
40							0			
38						<u> </u>	0			
36						-	0			
34						1	0			
32 30						-	0			
28			1			+	1			
26						<del> </del>	0			
24						1	0			
22							0			
20						1	0			
18						<u> </u>	0			
16							0 0 0			
UNDER							0			

RADAR SPEED STUDY									
	ON: McMillan Rd								
DIR:Nor		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo				
			TIME: fro		to 8:00	POSTED SPE	ED		
	radar & pavemen		Commer						
	urface) Type:	Width:		(Shoulders) T	ype:	Width:			
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.		
OVER							0		
120							0		
118							0		
116							0		
114							0		
112							0		
110							0		
108							0		
106							0		
104							0		
102							0		
100							0		
98							0		
96							0		
94							0		
92							0		
90							0		
88							0		
86							0		
84							0		
82							0		
80							0		
78							0		
76							0		
74							0		
72							0		
70							0		
68							0		
66			1				1		
64			1				1		
62			1				1		
60							0		
58			1				1		
56						1	1		
54							0		
52							0		
50							0		
48							0		
46							0		
44							0		
42							0		
40							0		
38							0		
36							0		
34							0		
32							0		
30							0		
28							0		
26							0		
24							0		
22							0		
20							0 0 0		
18							0		
16							0		
UNDER							0		

		RA	DAR SP	EED STUDY	1		
	ON: McMillan Rd				<u> </u>		
DIR:Nor	th	REGION/MUN: North	n Alogna '	Wilberforce	Weather: Clo		ED
			Commer		to 9:00	POSTED SPE	ED
NISC DEM	radar & pavemen urface) Type:	t edge: m Width:	Commen	nts  (Shoulders) T	[vne:	Width:	
(Median		Width:		(Sidewalks) T	ype. vne:	Width:	
Km/hr		IGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.
OVER	0,110,110					1014	C
120							C
118							C
116							C
114							C
112							C
110 108							C
106							C
104							C
102							C
100							C
98							C
96							C
94							C
92 90							C
88							C
86							C
84							C
82							C
80							C
78							C
76							C
74							C
72 70							C
68			1				1
66			1				<u>'</u> 1
64							C
62			1				1
60			1				1
58			1				1
56							C
54							C
52							0
50 48							C
46							
44							C
42						1	1
40							C
38							C
36							C
34							C
32							C
30			1				C
28 26			1				1
24							C
22							C
20							C
18							C
16							C
UNDER							C

		RAI	DAR SP	EED STUDY			
	ON: McMillan Rd				<u> </u>		
DIR:Nor	th 2022-12-14	REGION/MUN: North	Alogna	Milberforce om 15:30	Weather: Clo	udy POSTED SPE	ED
	radar & pavemen		Commer		to 16:30	POSTED SPE	ED
(Road S	urface) Type:	Width:		(Shoulders) T	vne:	Width:	
(Median		Width:		(Sidewalks) T		Width:	
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.
OVER	0,000,000		10141	112/10 1			0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98 96							0
96							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72							0
70							0
68							0
66							0
64			1				1
62							0
60							0
58 56			1				0
54			1				1 0
52			1				1
50			1				1
48			'				0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER			I	I		I	0

		RA	DAR SP	EED STUDY			
	ON: McMillan Rd						
DIR:Nor	th	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy	
			Comme	om 16:30	to 17:30	POSTED SPE	EED
/Pood S	radar & pavemen urface) Type:	t edge: m Width:	Comme	ts (Shoulders) T	'vno:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype.	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	OARO ARD E	IOIII VEIIIOEEO	Total	IIIZVI V	LINGLEG	Total	0
120							0
118							0
116							0
114							0
112							0
110							0
108 106							0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84 82							0
80							0
78							0
76							0
74							0
72			1				1
70							0
68							0
66							0
64							0
62							0
60 58			1				1 0
56							0
54							0
52							0
50			1				1
48							0
46							0
44							0
42							0
40							0
38							0
36 34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER			I	l		1	0

		RAI	DAR SP	EED STUD	Y		
LOCATI	ON: McMillan Rd	REGION/MUN: North	Alogna	Wilherforce	Weather: Clo	audy	
	2022-12-14	DAY: Wednesday	TIME: fro	m 7:00	to 8:00	POSTED SPE	:FD
	radar & pavemer		Commer		10 0.00	II OOTED OF E	
	urface) Type:	Width:		(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER	-				-		0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98 96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72							0
70 68							0
66							0
64							0
62							0
60			1				1
58							0
56			1				1
54						1	1
52							0
50							0
48							0
46							0
44							0
42 40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

		RA	DAR SP	EED STUDY			
	ON: McMillan Rd						
DIR:Sou		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo		
			TIME: fro		to 9:00	POSTED SPE	ED
/Pood S	radar & pavemen urface) Type:	t edge: m Width:	Commer	rts (Shoulders) T	'vno:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype.	Width:	
Km/hr		GHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	07 11 to 7 11 to 2.	OIII VEINGLEG	Total	1127(01.0	21110220	10141	0
120							0
118							0
116							0
114							0
112							0
110							0
108 106							0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88 86							0
84							0
82							0
80							0
78							0
76							0
74							0
72							0
70							0
68 66			1				1 0
64							0
62							0
60			1				1
58			2				2
56			2				2
54							0
52							0
50							0
48 46							0
44						+	0
42							0
40							0
38							0
36			1				1
34						1	1
32							0
30							0
28							0
26 24							0
22							0
20							0
18							0
16							0
UNDER							0

		RAI	DAR SP	EED STUDY	7		
	ON: McMillan Rd				lu		
DIR:Sou	ıth 2022-12-14	REGION/MUN: North	Alogna	Milberforce om 15:30	Weather: Clo	udy POSTED SPE	ED
	:022-12-14 / radar & pavemen		Commer		to 16:30	POSTED SPE	ED
(Road S	urface) Type:	Width:		(Shoulders) T	vne:	Width:	
(Median		Width:		(Sidewalks) T		Width:	
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106 104							0
102							0
102							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80 78							0
76							0
74							0
72							0
70							0
68							0
66							0
64							0
62							0
60			1				1
58							0
56			1				1
54			1				1
52 50			1				0
48			1				1
46			<u>'</u>				0
44			2				2
42							0
40							0
38							0
36							0
34							0
32			1				1
30							0
28							0
26							0
24 22							0
20							0
18			1				1
16			<u>'</u>				0
UNDER							0

	RADAR SPEED STUDY										
	ON: McMillan Rd				<u> </u>						
DIR:Sou	ith 2022-12-14	REGION/MUN: North	Alogna	Milberforce om 16:30	Weather: Clo	udy POSTED SPE	ED				
	:022-12-14 / radar & pavemen		Commer		to 17:30	POSTED SPE	ED				
(Road S	urface) Type:	Width:		(Shoulders) T	vne:	Width:					
(Median		Width:		(Sidewalks) T		Width:					
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.				
OVER	0,410,410		1000	,			0				
120							0				
118							0				
116							0				
114							0				
112							0				
110							0				
108							0				
106							0				
104							0				
102 100							0				
98							0				
96							0				
94							0				
92							0				
90							0				
88							0				
86							0				
84							0				
82							0				
80							0				
78							0				
76							0				
74							0				
72 70			1				1 0				
68							0				
66							0				
64							0				
62							0				
60			1				1				
58							0				
56			1				1				
54							0				
52							0				
50			1				1				
48			1				1				
46							0				
44							0				
42 40							0				
38							0				
36							0				
34							0				
32							0				
30							0				
28							0				
26							0				
24							0				
22							0				
20							0				
18							0				
16							0				
UNDER			l	l		I	0				

		RAI	DAR SP	EED STUD	Υ		
	ON: Mink Lake R						
DIR:Eas		REGION/MUN: North			Weather: Cl		
	2022-12-14		TIME: fro		to 8:00	POSTED SPE	ED
	radar & paveme		Commer				
	urface) Type:	Width:		(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)		Width:	
Km/hr	CARS AND	LIGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114 112							0
110							0
108							0
106							0
104							0
102			1				1
100							0
98							0
96							0
94			1				1
92							0
90			1				1
88							0
86							0
84							0
82							0
80							0
78			1				1
76			1				1
74							0
72							0
70 68						1	0
66						1	0
64						1	1
62						'	0
60							0
58							0
56			1				1
54							0
52							0
50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26						+	0
24						+	0
22							0
20							0
18							0
16							0
UNDER							0

			DAR SP	EED STUDY	1		
	ON: Mink Lake Rd						
DIR:Eas	st	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo		
	2022-12-14		TIME: fro		to 9:00	POSTED SPE	:ED
(Poad S	radar & pavemen urface) Type:	Width:		(Shoulders) T	vne:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype. 'vne:	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	0,410,410			112/11/1		1000	0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106 104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80						-	0
78 76							0
76							0
72							0
70			1				1
68							0
66							0
64							0
62							0
60							0
58							0
56			1				1
54			1				1
52						-	0
50 48			1				0
46			<u> </u>			+	0
44							0
42						1	0
40							0
38							0
36							0
34							0
32							0
30							0
28				ļ		1	0
26							0
24						1	0
22			-			1	0
20 18							0
16						1	0
UNDER							0

			DAR SP	EED STUDY			
	ON: Mink Lake Rd						
DIR:Eas		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy	-ED
	022-12-14		TIME: fro		to 16:30	POSTED SPE	:ED
NISC DEM	radar & pavemer urface) Type:	nt edge: m Width:		(Shoulders) T	vne.	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype: ype:	Width:	
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.
OVER	0,110,110			11=24010		10.0.	0
120							0
118							0
116							0
114							0
112							0
110 108							0
106							0
104							0
102							0
100							0
98			1				1
96							0
94							0
92 90							0
88						+	0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72 70			1				1 0
68			1			+	1
66			<u>'</u>				0
64							0
62			1				1
60			1				1
58							0
56							0
54							0
52 50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28						+	0
26						+	0
24							0
22							0
20							0
18							0
16							0
UNDER			I	ĺ		1	0

	RADAR SPEED STUDY										
	ON: Mink Lake Ro				I	_					
DIR:Eas		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo						
	022-12-14 radar & pavemer		TIME: fro	om 16:30	to 17:30	POSTED SPE	:ED				
DIST DTW	radar & pavemer urface) Type:	nt edge: m Width:		(Shoulders) T	wno:	Width:					
(Median		Width:		(Sidewalks) T		Width:					
Km/hr		IGHT VEHICLES	Total	HEAVY V		Total	Total Veh.				
OVER	OARO ARD L	TOTAL VERNOLES	Total	IIEAVI V	Linollo	Total	0				
120							0				
118							0				
116							0				
114							0				
112							0				
110							0				
108 106							0				
104							0				
102							0				
100							0				
98							0				
96							0				
94			1				1				
92							0				
90							0				
88 86							0				
84							0				
82							0				
80							0				
78							0				
76							0				
74							0				
72							0				
70 68			1				0				
66							0				
64			2				2				
62			1				1				
60							0				
58							0				
56							0				
54							0				
52							0				
50 48							0				
46							0				
44							0				
42							0				
40							0				
38							0				
36							0				
34							0				
32							0				
30							0				
28 26							0				
24							0				
22							0				
20							0				
18							0				
16							0				
UNDER							0				

		RA	DAR SP	EED STUDY			
	ION: Mink Lake Ro					_	
DIR:Wes		REGION/MUN: North			ather: Clou		
	2022-12-14	DAY: Wednesday	TIME: fro		8:00	POSTED SPI	EED
	v radar & pavemer		Commer			<b>VA/:</b> -141	
(Road S (Median	Surface) Type:	Width: Width:		(Shoulders) Type: (Sidewalks) Type:		Width: Width:	
Km/hr		LIGHT VEHICLES	Total	HEAVY VEHIC	CLEC		Total Veh.
OVER	CARS AND L	LIGHT VEHICLES	Total	HEAVT VEHIC	CLEO	Total	o lotar ven.
120							0
118							0
116							0
114							0
112							0
110			1				1
108							0
106							0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86			1				1
84 82							0
80			1				1
78			'				0
76							0
74							0
72							0
70							0
68							0
66							0
64							0
62							0
60							0
58							0
56							0
54							0
52 50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24			ļ				0
22			ļ				0
20			<u> </u>				0
18 16							0
UNDER			<del> </del>				0
CIARLI	Ī			Ī			. 0

			DAR SP	EED STUDY			
	ON: Mink Lake Rd						
DIR:Wes	st	REGION/MUN: North	Alogna	Wilberforce	Weather: Clo		-n
	2022-12-14		TIME: fro		to 9:00	POSTED SPE	ED
(Poad S	radar & pavemen urface) Type:	Width:		(Shoulders) T	'vne'	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype.	Width:	
Km/hr		IGHT VEHICLES	Total		/EHICLES	Total	Total Veh.
OVER	OANO AND L	IOITI VEINOLLO	Total	III III V	LINGLLO	Total	0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104 102						-	0
102							0
98							0
96							0
94			1				1
92							0
90							0
88							0
86							0
84							0
82			1				1
80							0
78							0
76 74			1			-	<u>0</u> 1
72			1			+	1
70			<u>'</u>				0
68							0
66							0
64			1			1	2
62							0
60							0
58							0
56							0
54							0
52							0
50						-	0
48 46			1				0
44			<u> </u>			1	0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26						ļ	0
24							0
22							0
20 18						<del>                                     </del>	0
16						+	0
UNDER						+	0
\							U

			DAR SP	EED STUDY	•		
	ON: Mink Lake Ro				<u> </u>		
DIR:Wes	st 2022-12-14	REGION/MUN: North	Alogna	Milberforce om 15:30	Weather: Clo	udy  POSTED SPE	ED
	radar & pavemer		Commer		to 16:30	POSTED SPE	ED
(Road S	urface) Type:	Width:		(Shoulders) T	vne:	Width:	
(Median		Width:		(Sidewalks) T		Width:	
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.
OVER			10141	,		. ota.	0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102 100							0
98							0
96							0
94							0
92							0
90							0
88			1				1
86							0
84			1				1
82							0
80							0
78							0
76							0
74							0
72			1				1
70			4				0
68 66			1				1 0
64							0
62							0
60			1				1
58			<u>'</u>				0
56							0
54							0
52							0
50							0
48							0
46							0
44							0
42							0
40							0
38							0
36 34							0
32							0
30							0
28						<del> </del>	0
26							0
24							0
22						1	0
20							0
18							0
16							0
UNDER			1				1

			DAR SP	EED STUDY	7		
	ON: Mink Lake Ro						
DIR:Wes		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo	oudy	-ED
	022-12-14		TIME: fro		to 17:30	POSTED SPE	:ED
NISC DEM	radar & pavemer urface) Type:	nt edge: m Width:		nts (Shoulders) T	vne:	Width:	
(Median	Type:	Width:		(Sidewalks) T	ype. vne:	Width:	
Km/hr		IGHT VEHICLES	Total		EHICLES	Total	Total Veh.
OVER	0,410,412			112/10 1 0		1000	0
120							0
118							0
116							0
114							0
112							0
110 108							0
106							0
104							0
102							0
100							0
98							0
96			1				1
94							0
92 90			2				2 0
88							0
86							0
84							0
82			1				1
80							0
78							0
76							0
74			1				1
72 70			1				1 0
68							0
66							0
64			2				2
62							0
60							0
58			1				1
56							0
54							0
52 50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32 30							0
28							0
26							0
24							0
22						1	0
20							0
18							0
16							0
UNDER			I	I		1	0

RADAR SPEED STUDY									
LOCATION: Letts Cemetery									
DIR:Nor		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo				
	2022-12-14		TIME: fro		to 8:00	POSTED SPE	ED		
	radar & pavemen		Commer						
	urface) Type:	Width:		(Shoulders) T	ype:	Width:			
(Median	· • • • • • • • • • • • • • • • • • • •	Width:		(Sidewalks) T		Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.		
OVER			1				1		
120							0		
118							0		
116							0		
114							0		
112			1				1		
110			3				3		
108			2				2		
106			4				4		
104			3				3		
102			_				0		
100			5				5		
98			6				6 9 7		
96			9			1	9		
94			7						
92			5				5		
90			5			1	6		
88			7				7		
86			2				2 9 3		
84			8			1	9		
82			3				3		
80			1						
78			2				2		
76			1						
74 72			1				0		
70			1				1		
68			I				0		
66							0		
64									
62							0		
60							0		
58							0		
56			1				1		
54							0		
52							0		
50							0		
48							0		
46							0		
44							0		
42							0		
40							0		
38							0		
36							0		
34							0		
32							0		
30							0		
28							0		
26							0		
24							0		
22							0		
20							0		
18							0		
16							0		
UNDER							0		
							Ŭ		

RADAR SPEED STUDY										
LOCATION: Letts Cemetery										
DIR:Nor		REGION/MUN: North	n Alogna '	Wilberforce	Weather: Cl					
	2022-12-14	DAY: Wednesday	TIME: fro		to 9:00	POSTED SPE	ED			
	radar & paveme	ent edge: m	Commer							
	urface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median	) Type:	Width:		(Sidewalks) T	уре:	Width:				
Km/hr	CARS AND	LIGHT VEHICLES	Total		/EHICLES	Total	Total Veh.			
OVER			2				2			
120							2 0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106			1				1			
104							0			
102			5			1	5			
100			6			1	6			
98			5			1	6			
96			4			<del> </del>	5 6 6 4 2 0 2 6 2			
94			2				2			
92							0			
90			2				2			
88			6				6			
86			2				2			
84			1							
82			2				1			
							2 0 1			
80			1				0			
78			1							
76			1				1			
74			2				2 0 2 0			
72							0			
70			2				2			
68							0			
66							0			
64							0			
62			1				1			
60							0			
58							0			
56							0			
54							0			
52							0			
50							0			
48							0 0 0 0			
46							0			
44							0			
42							0			
40							0			
38							0			
36							0			
34							0 0 0 0 0 0 0			
32		<del></del>					0			
30							0			
28							0			
26							0			
24							0			
22							0			
20						1	n			
18						1	n			
16						1	0 0 0			
UNDER			<del> </del>				0			
OHDEK			I	<u> </u>			ı			

RADAR SPEED STUDY										
	ON: Letts Cer				1					
DIR:Nor		REGION/MUN: Norti	n Alogna '	Wilberforce	Weather: Clo					
	022-12-14	DAY: Wednesday	TIME: fro		to 16:30	POSTED SPE	ED			
	radar & pave		Commer							
	urface) Type:			(Shoulders) 7		Width:				
(Median	<u> </u>			(Sidewalks) 1		Width:				
Km/hr	CARS A	ND LIGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116			1				1			
114							0			
112							0			
110			1				1			
108			3				3			
106			2				3 2 1			
104			1				1			
102			4				4			
100			3				3			
98			2				2			
96			5			1	4 3 2 6 4 5 8			
94			4				4			
92			5				5			
90			7			1	8			
88			6			1	7			
86			2				2 3 3 0 2 1			
84			2			1	3			
82			3				3			
80							0			
78			2				2			
76			1				1			
74			2				2			
72							2 0			
70							0			
68						1	1			
66							0			
64							0			
62							0			
60							0			
58							0			
56							0			
54							0			
52							0			
50							0			
48							0			
46							0 0 0 0			
44							0			
42							0			
40							0			
38							0			
36							0			
34							0 0 0 0 0 0 0			
32							0			
30			1				0			
28			1				n			
26							n			
24							n			
22							n			
20							n			
18			1				0			
16							0 0 0			
UNDER							0			
SHUER			1				ı			

Incompage   March		RADAR SPEED STUDY									
DATE:   2022-12-14   DAY:   Wednesday   TIME:			tery			_					
Dist blw radar & pavement edge:   m   Comments   (Road Surface) Type:   Width:   (Shoulders) Type:   (Shoulders				n Alogna '	Wilberforce						
Road Surface) Type:   Width:   Shoulders) Type:   Width:   Width						to 17:30	POSTED SPE	ED			
Median   Type: Width:   Sidewalks   Type: Width:   Total   HEAVY VEHICLES   Total   Total Veh.				Commer							
March   CARS AND LIGHT VEHICLES   Total   HEAVY VEHICLES   Total   Total Veh.					(Shoulders) 1	Гуре:					
OVER         0           1120         0           1118         0           1116         0           1114         0           112         0           110         1           118         1           110         1           1108         1           104         0           104         0           100         2           98         2           96         3           94         4           92         9           90         8           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         4           82         4     <											
120		CARS AND	LIGHT VEHICLES	Total	HEAVY '	VEHICLES	Total				
1118         0           116         0           1114         0           1110         1           1110         1           1108         1           106         0           104         0           100         2           98         2           96         3           94         4           92         9           90         8           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           88         3           80         7           76         6           74         2           72         1           70         1           66         1           67         0								0			
116								0			
1114								0			
1112								0			
110         1         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         3								0			
108         1								0			
106         0           104         0           100         2           98         2           96         3           94         4           92         9           90         8           88         3           86         6           6         6           84         2           82         4           80         7           78         0           76         0           74         2           72         1           70         0           68         0           66         1           64         0           62         0           66         1           64         0           65         0           64         0           65         0           66         1           67         0           68         0           60         0           53         0           54         0           55         0											
104         0           102         0           100         2           98         2           96         3           94         4           92         9           90         8           88         8           88         3           86         6           6         6           84         2           82         4           80         7           78         0           76         0           74         2           72         1           70         0           68         0           66         1           68         0           66         1           68         0           66         1           68         0           66         1           67         0           68         0           66         1           67         0           68         0           60         0           65         0				1							
102                             2                   2                   2                   9         2                   9                   2                   9                   9								0			
100         2           98         2           96         3           94         4           92         9           90         8           88         3           86         6           84         2           82         4           80         7           78         77           78         0           74         2           72         1           70         0           68         0           66         1           68         0           66         1           66         1           66         1           66         0           66         1           67         0           68         0           60         1           62         0           63         0           64         0           65         0           56         0           56         0           56         0           50         0								0			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ļ</td> <td>0</td>							ļ	0			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ļ</td> <td>2</td>							ļ	2			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td>								2			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td>								3			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td>								4			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td>								9			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8</td>								8			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td>								3			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td>								6			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td>								2			
78         0         0         0           76         0         0         0           74         2         1         1         1           70         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td>								4			
76         0				/				/			
74         2         1         1         1         1         1         1         1         1         1         1         1         1         0								0			
70         68         0         0         0         0         0         0         0         0         1				0				0			
70         68         0         0         0         0         0         0         0         0         1											
64       0         62       0         60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0				<u> </u>				1			
64       0         62       0         60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0								0			
64       0         62       0         60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0				1				1			
60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         44       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0				'							
60       0         58       0         56       0         54       0         52       0         50       0         48       0         46       0         44       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0								0			
56       0         54       0         52       0         50       0         48       0         46       0         44       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0								0			
56       0         54       0         52       0         50       0         48       0         46       0         44       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         24       0								0			
54       0       0         52       0       0         50       0       0         48       0       0         46       0       0         42       0       0         40       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         24       0       0				<del> </del>				0			
52       0       0         50       0       0         48       0       0         46       0       0         44       0       0         42       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         24       0       0				†				0			
50       0         48       0         46       0         44       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0				†				0			
48       0         46       0         44       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0							1	0			
46       0       0         44       0       0         42       0       0         40       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         26       0       0         24       0       0							1	n			
44       0       0         42       0       0         40       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         26       0       0         24       0       0							1	0			
42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0				1				0			
40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0				1				0			
36       0         34       0         32       0         30       0         28       0         26       0         24       0								0			
36       0         34       0         32       0         30       0         28       0         26       0         24       0								0			
<b>24</b> 0				1				0			
<b>24</b> 0								0			
<b>24</b> 0								0			
<b>24</b> 0								0			
<b>24</b> 0								0			
<b>24</b> 0								0			
22 0 0 0 0 0 0 18 0 0 0 0 0 0 0 0 0 0 0 0								0			
20 0 18 0 16 0 UNDER 0								0			
18 0 16 0 UNDER 0				1				0			
16 0 UNDER 0				1				0			
UNDER 0				1				0			
	UNDER			1				0			

	RADAR SPEED STUDY										
LOCAT	ON: Letts Cemeter	ry									
DIR:Sou	uth	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo	udy					
DATE: 2	2022-12-14	DAY: Wednesday	TIME: fro	om 7:00	to 8:00	POSTED SPE	ED				
Dist btw	radar & pavemen	t edge: m	Commer	nts							
(Road S	Surface) Type:	Width:		(Shoulders) T	ype:	Width:					
(Median	ı) Type:	Width:		(Sidewalks) T	уре:	Width:					
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY \	VEHICLES	Total	Total Veh.				
OVER							0				
120							0				
118							0				
116							0				
114							0				
112							0				
110			1				1				
108							0				
106			2				2				
104							0				
102			1				1				
100							0				
98			2				2				
96			3				2 3				
94			1				1				
92							0				
90			6				6				
88			4				4				
86			2								
84			2				2 2 1				
82			1				1				
80			1				1				
78			1				1				
76			1				1				
74							0				
72						1	1				
70							0				
68			1				1				
66							0				
64			1				1				
62							0				
60			1				1				
58							0				
56							0				
54							0				
52							0				
50							0				
48							0				
46							0				
44							0				
42							0				
40							0				
38							0				
36							0				
34							0				
32							0				
30							0				
28							0				
26							0				
24							0				
22							0				
20											
18							0 0 0				
16							n				
UNDER							0				
SHULK						l	U				

RADAR SPEED STUDY										
	ON: Letts Cemet				T					
DIR:Sou		REGION/MUN: North	n Alogna	Wilberforce	Weather: Clo					
	022-12-14	DAY: Wednesday	TIME: fro		to 9:00	POSTED SPE	ED			
	radar & paveme	ent edge: m	Commer							
	urface) Type:	Width:		(Shoulders) T	ype:	Width:				
(Median	<u> </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND	LIGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.			
OVER			1				1			
120							0			
118			1				1			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104			2				2			
102			2			1	2			
100			3			1	3			
98			3			1	0 2 2 3 3 0 6			
96						1	0			
94			6				6			
92			4				4			
90			2				2			
88			1				1			
86			4			1	5 1			
84			1				1			
82			3				3			
80			1				1			
78			2				2			
76			3				3			
74			1			+	1			
72							0			
70						+	0			
68							0			
66							0			
64			1				1			
62							0			
60			1							
58 56			1			+	1 0			
54			1			+	0			
54 52			1			+	0			
50			1			+	0			
48			1			+	0			
46						+	0 0 0 0			
44			†				0			
42						+	0			
40			†				0			
38			<u> </u>			1	0			
36			†				0			
34			<u> </u>			1	0 0 0 0 0 0 0			
32			†				0			
30			<del> </del>			+	0			
28			<u> </u>			1	0			
26			<del> </del>			+	0			
24						+	0			
22						+	0			
20						+	0			
18			<del> </del>			+	0 0 0			
16			1			+	0			
UNDER						1	0			
OINDEK							ı			

RADAR SPEED STUDY										
	N: Letts Cemeter	ry								
DIR:Sout		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
DATE: 20		DAY: Wednesday	TIME: fro		to 16:30	POSTED SPE	ED			
	radar & pavemen		Commer							
	rface) Type:	Width:		(Shoulders) 1	уре:	Width:				
(Median)	Type:	Width:		(Sidewalks) 1		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0 0 0			
110							0			
108							0			
106			1				1			
104			1				1			
102			2				2			
100			ļ				0			
98			7				7			
96			6				6			
94			3				3			
92			2				3 9 5 4 2 2 2 2 2 2 4 2 0			
90			8			1	9			
88			5				5			
86			4				4			
84			2				2			
82			4				4			
80			2				2			
78			2				2			
76			2				2			
74 72			2				2			
			2				4			
70 68										
66			1				1			
64			'							
62			1				0 1			
60			1				1			
58			'				0			
56							0			
54							0			
52							0			
50							0			
48							0			
46							0			
44							0			
42							0			
40							0			
38							0			
36							0			
34							0 0 0 0 0			
32							0			
30							0			
28							0			
26							0			
24	·						0			
22							0			
20							0			
18							0 0 0 0			
16							0			
UNDER							0			

RADAR SPEED STUDY										
	N: Letts Cemeter	ry			_					
DIR:Sout		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
DATE: 20		DAY: Wednesday	TIME: fro		to 16:30	POSTED SPE	ED			
	radar & pavemen		Commer							
	rface) Type:	Width:		(Shoulders) 1	уре:	Width:				
(Median)	Type:	Width:		(Sidewalks) 1		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0 0 0			
110							0			
108							0			
106			1				1			
104			1				1			
102			2				2			
100			ļ				0			
98			7				7			
96			6				6			
94			3				3			
92			2				3 9 5 4 2 2 2 2 2 2 4 2 0			
90			8			1	9			
88			5				5			
86			4				4			
84			2				2			
82			4				4			
80			2				2			
78			2				2			
76			2				2			
74 72			2				2			
			2				4			
70 68										
66			1				1			
64			'							
62			1				0 1			
60			1				1			
58			'				0			
56							0			
54							0			
52							0			
50							0			
48							0			
46							0			
44							0			
42							0			
40							0			
38							0			
36							0			
34							0 0 0 0 0			
32							0			
30							0			
28							0			
26							0			
24	·						0			
22							0			
20							0			
18							0 0 0 0			
16							0			
UNDER							0			

110	RADAR SPEED STUDY										
DATE: 2022-12-14   DAY: Wednesday   Time: from 7:00   to 8:00   POSTED SPEED											
DATE: 2022-12-14   DAY: Wednesday   Time: from 7:00   to 8:00   POSTED SPEED	DIR:Eas	st	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo	udy				
Distribut radar & pavement edge:	DATE: 2		DAY: Wednesday	TIME: fro	om 7:00	to 8:00	POSTED SPE	ED			
Road Surface  Type:   Width:   (Shoulders) Type:   Width:   (Sidwalks) Type:	Dist btw						•				
Median   Type:   Width:   Sidowalks   Type:   Width:   Kmihr   CARS AND LIGHT VEHICLES   Total   HEAVY VEHICLES   Total   Total Veh.					(Shoulders) T	vpe:	Width:				
					(Sidewalks) T	vpe:					
OVER         (0)           1120         (0)           118         (0)           116         (1)           117         (1)           110         (1)           108         (1)           104         (1)           100         (1)           100         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           10         (1)           11         (1)           12         (1)           13         (1)           14         (1)           15         (1)           16         (1)           17         (1)           18         (1)           10         (1)           11         (1)           12         (1)	•	<del>, , , , , , , , , , , , , , , , , , , </del>		Total				Total Veh			
120		OARO ARD E	IOIII VEIIIOEEO	Total	IIE/XVI	VEITIGEEG	Total	0			
1118											
1116											
1114											
1112											
110								0			
108								0			
106											
104   1   1   1   1   1   1   1   1   1								0			
100								0			
100				1				1			
98								0			
96	100			1				1			
94   92	98			1				1			
94   92	96			1				1			
92   90   90   91   92   93   94   94   95   95   95   95   95   95								0			
90								0			
88         1           84         2           82         2           80         1           78         6           76         70           68         1           66         1           64         1           62         6           60         6           53         6           54         6           50         6           64         6           64         1           65         6           54         6           55         6           54         6           54         6           54         6           54         6           54         6           54         6           54         6           52         6           54         6           55         7           6         6           70         7           848         7           449         7           440         7           33         6								0			
86  .				1				1			
84         2           80         1           78         6           76         6           74         6           72         70           68         1           66         1           64         1           62         6           60         6           58         6           56         6           54         6           52         6           50         6           48         6           44         6           44         6           44         6           40         6           33         6           34         6           34         6           32         6           30         6           24         6           24         6           24         6           24         6           25         7           6         7           7         7           8         7           9         8											
82         2         1								0			
78         6           76         6           74         6           70         6           68         1           66         1           64         1           62         6           60         6           58         6           56         6           54         6           52         6           54         6           52         6           50         6           48         6           44         6           44         6           44         6           44         6           44         6           33         6           34         6           34         6           30         6           30         6           22         6           24         6           22         6           20         6           16         6				2				2			
78         6           76         6           74         6           70         6           68         1           66         1           64         1           62         6           60         6           58         6           56         6           54         6           52         6           54         6           52         6           50         6           48         6           44         6           44         6           44         6           44         6           44         6           33         6           34         6           34         6           30         6           30         6           22         6           24         6           22         6           20         6           16         6								4			
76         (74         (72         (70				I				1			
74       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td>								0			
72       70       68       1       66       66       1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
70											
68											
66								0			
64								1			
62	66			1				1			
60				1				1			
58       0         56       0         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0								0			
56       0         54       0         52       0         50       0         48       0         46       0         42       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0	60							0			
54       0         52       0         50       0         48       0         46       0         44       0         42       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         18       0         16       0	58							0			
52       0         50       0         48       0         46       0         44       0         40       0         38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         18       0         16       0	56							0			
50       48         46       6         44       6         42       6         40       6         38       6         34       7         32       7         30       7         28       7         26       7         24       7         22       7         20       7         18       7         16       7	54							0			
50       48         46       6         44       6         42       6         40       6         38       6         34       7         32       7         30       7         28       7         26       7         24       7         22       7         20       7         18       7         16       7								0			
48       6         46       6         44       6         40       6         38       6         36       6         34       7         32       7         30       7         28       7         26       7         24       7         22       7         20       7         18       7         16       7								0			
46       0       0         44       0       0         40       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         26       0       0         24       0       0         22       0       0         18       0       0         16       0       0								0			
44       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0								0			
42       0       0       0         38       0       0       0         36       0       0       0         34       0       0       0         32       0       0       0         30       0       0       0         28       0       0       0         26       0       0       0         24       0       0       0         20       0       0       0         18       0       0       0         16       0       0       0								0			
40       0       0         38       0       0         36       0       0         34       0       0         32       0       0         30       0       0         28       0       0         26       0       0         24       0       0         22       0       0         18       0       0         16       0       0								0			
38       0         36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         20       0         18       0         16       0								0			
36       0         34       0         32       0         30       0         28       0         26       0         24       0         22       0         18       0         16       0							†	0			
34     (32)       30     (33)       28     (34)       24     (34)       22     (34)       20     (34)       18     (34)       16     (34)       16     (34)       17     (34)       18     (34)       19     (34)       10     (34)								0			
32     0       30     0       28     0       26     0       24     0       22     0       20     0       18     0       16     0							<del> </del>	0			
30							+	0			
28     (26)       24     (22)       20     (20)       18     (20)       16     (20)							+				
26     0       24     0       22     0       20     0       18     0       16     0							1	0			
24       22       20       18       16								0			
22     (20)       18     (20)       16     (20)								0			
20 C C C C C C C C C C C C C C C C C C C								0			
20							1	0			
18								0			
16 UNDER C								0			
UNDER CONTROL								0			
	UNDER							0			

		RAI	DAR SP	EED STUD	Y		
	ON: Kranz Rd				_		
DIR:Eas		REGION/MUN: North			Weather: Clo	udy	
	2022-12-14		TIME: fro		to 9:00	POSTED SPE	ED
	radar & pavemen	t edge: m Width:	Commer		F	\A/: al4la .	
(Road S (Median	urface) Type:	Width:		(Shoulders) (Sidewalks)	Type:	Width: Width:	
Km/hr	· • • • • • • • • • • • • • • • • • • •	IGHT VEHICLES	Total		VEHICLES	Total	Total Vah
OVER	CARS AND L	IGHT VEHICLES	TOLAI	пент	VEHICLES	TOTAL	Total Veh.
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98 96							0
94							0
92							0
90							0
88			1				1
86			1				1
84			2				2
82							0
80							0
78							0
76							0
74							0
72			1				1
70							0
68 66							0
64							0
62							0
60							0
58							0
56							0
54							0
52							0
50							0
48							0
46							0
44 42							0
42							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

		RAI	DAR SP	EED STUD	Y		
	ON: Kranz Rd						
DIR:Eas		REGION/MUN: North			Weather: Clo		
	2022-12-14		TIME: fro		to 16:30	POSTED SPE	ED
	radar & pavemen	t edge: m Width:	Commer	(Shoulders)	Type	Width:	
(Median	urface) Type: ) Type:	Width:		(Sidewalks)	гуре: Гуро:	Width:	
Km/hr	· • • • • • • • • • • • • • • • • • • •	IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER	CARS AND L	IGHT VEHICLES	TOLAI	HEAVI	VEHICLES	Total	Otal Vell.
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104			1				1
102							0
100 98							0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76			1				1
74 72			<u>2</u> 1				2 1
70			I				0
68						1	1
66			1			'	1
64			-				0
62							0
60							0
58			1				1
56			1				1
54							0
52							0
50							0
48 46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18 16							0
UNDER							0
SIADEK				l .		1	U

		RAI	DAR SP	EED STUD	Y		
	ON: Kranz Rd				_		
DIR:Eas		REGION/MUN: North			Weather: Clo		
	2022-12-14		TIME: fro		to 17:30	POSTED SPE	ED
	radar & pavemen	t edge: m Width:	Commer		F	\A/: el4le .	
(Road S (Median	urface) Type: ) Type:	Width:		(Shoulders) (Sidewalks)	Type:	Width: Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Vah
OVER	CARS AND L	IGHT VEHICLES	TOLAI	ПЕАУТ	VEHICLES	Total	Total Veh.
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100 98							0
96						-	0
94							0
92							0
90							0
88							0
86							0
84							0
82			1				1
80							0
78			1				1
76							0
74 72							0
70						-	0
68							0
66							0
64							0
62			1				1
60							0
58							0
56							0
54							0
52							0
50			1				1
48 46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28						ļ	0
26						ļ	0
24						ļ	0
22						1	0
20 18						<del> </del>	0
16							0
UNDER						<del> </del>	0
- · · · · · · · · · · · · · · · · · · ·				<u> </u>		<u> </u>	

		RAI	DAR SP	EED STUD	Y		
	ON: Kranz Rd	1=======					
DIR:Wes		REGION/MUN: North			Weather: Clo	oudy	
	2022-12-14 / radar & pavemen	DAY: Wednesday t edge: m	TIME: fro		to 8:00	POSTED SPE	:ED
	urface) Type:	Width:	Comme	(Shoulders)	Tyne	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114 112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96 94							0
92							0
90							0
88							0
86							0
84							0
82							0
80 78							0
76							0
74							0
72							0
70						1	1
68							0
66							0
64							0
62 60							0
58							0
56			1				1
54							0
52							0
50							0
48							0
46							0
44 42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26 24							0
22							0
20							0
18							0
16							0
UNDER							0

		RAI	DAR SP	EED STUD	Y		
	ON: Kranz Rd	I			T		
DIR:Wes		REGION/MUN: North			Weather: Clo	oudy	
	2022-12-14 / radar & pavemen	DAY: Wednesday t edge: m	TIME: fro		to 9:00	POSTED SPE	:ED
	urface) Type:	Width:	Comme	(Shoulders)	Tyne:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114 112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96 94							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78 76							0
74							0
72							0
70							0
68							0
66							0
64						ļ.,	0
62 60						1	
58							0
56							0
54							0
52							0
50							0
48							0
46							0
44							0
42 40							0
38							0
36							0
34							0
32							0
30			1				1
28							0
26							0
24 22							0
20							0
18							0
16							0
UNDER							0

		RAI	DAR SP	EED STUD	Υ		
	ON: Kranz Rd				_		
DIR:Wes		REGION/MUN: North			Weather: Clo		
	2022-12-14		TIME: fro		to 16:30	POSTED SPE	ED
	radar & pavemen	t edge: m Width:	Commer	(Shoulders)	Tunai	Width:	
(Median	urface) Type: ) Type:	Width:		(Sidewalks)	Type:	Width:	
Km/hr	· • • • • • • • • • • • • • • • • • • •	IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER	CARS AND L	IGHT VEHICLES	TOLAI	HEAVI	VEHICLES	I Otal	Otal Vell.
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102 100							0
98						-	0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82							0
80			1				1
78			2				2
76							0
74 72							0
70						-	0
68							0
66			2				2
64							0
62			3				3
60							0
58			1				1
56							0
54							0
52							0
50							0
48 46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26						ļ	0
24						ļ	0
22						ļ	0
20						1	0
18 16							0
UNDER						<del> </del>	0
PIADEK						1	ı

RADAR SPEED STUDY										
	ON: Kranz Rd									
DIR:We		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
			TIME: fro		to 17:30	POSTED SPE	.ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) 1	уре:	Width:				
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	<b>VEHICLES</b>	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102						ļ	0			
100						ļ	0			
98						ļ	0			
96						ļ	0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74			1				1			
72							0			
70							0			
68			2				2			
66										
64			0				0 2			
62 60			<u>2</u> 1				1			
58			1				1			
			I				0			
56 54						<del> </del>	0			
52			1			<del> </del>	1			
52 50			ı				0			
48						<del> </del>	0			
46							0			
44						<del> </del>	0			
42							0			
40						<del> </del>	0			
38						<del> </del>	0			
36						<del> </del>	0			
34						<del> </del>	0			
32							0			
30						<del>                                     </del>	0			
28						<del> </del>	0			
26							0			
24						<del> </del>	0			
22						<del> </del>	0			
20						<del> </del>				
18						<del>                                     </del>	0 0			
16						<del> </del>	0			
UNDER						<del> </del>	0			
PIADEK						<u>I</u>	U			

RADAR SPEED STUDY										
LOCATION: Crooked Rapids Rd										
DIR:Nor		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo					
	2022-12-14	DAY: Wednesday	TIME: fro		to 8:00	POSTED SPE	ED			
	radar & paveme	ent edge: m	Commer							
	urface) Type:	Width:		(Shoulders) T	ype:	Width:				
(Median	<u> </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND	LIGHT VEHICLES	Total	HEAVY \	/EHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0 0 0 0 0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0 0 0 0 0			
82							0			
80							0			
78							0			
76							0			
74							0			
72			1				0			
70							0			
68			1				1			
66							0			
64			1				1			
62			<u>'</u>				0			
60							0			
58							0			
56						1	0			
54			<del>                                     </del>				0			
52			1			+	0			
50			<del> </del>				0			
48			<del>                                     </del>				0			
46			<del>                                     </del>				0 0 0 0			
44			<del>                                     </del>				0			
42			<del>                                     </del>				0			
40			1			+	0			
38			<del>                                     </del>				0			
36							0			
34			1			+	0 0 0 0 0 0 0			
32						+	0			
30						+	0			
28						+	0			
26						+	0			
							0			
24 22							0			
						+	0			
20			ļ				0 0 0			
18							0			
16							0			
UNDER							0			

RADAR SPEED STUDY										
	ON: Crooked Rapi	ds Rd								
DIR:Nor	th	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
		DAY: Wednesday	TIME: fro		to 9:00	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) 1	уре:	Width:				
(Median	<u> </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	<b>VEHICLES</b>	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0			
72							0			
70							0			
68			1				1			
66							0			
64							0			
62							0			
60							0			
58							0			
56							0			
54							0			
52							0			
50							0			
48							0			
46							0			
44							0			
42							0			
40						1	0			
38							0			
36						1	0			
34						1	0			
32							0			
30						1	0			
28							0			
26							0			
24							0			
22							0			
20							0			
18							0 0			
16							0			
UNDER							0			

	RADAR SPEED STUDY										
	LOCATION: Crooked Rapids Rd										
DIR:Nor		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo						
	2022-12-14		TIME: fro		to 16:30	POSTED SPE	ED				
	radar & pavemen		Commer								
	urface) Type:	Width:		(Shoulders)	Гуре:	Width:					
(Median	· • • • • • • • • • • • • • • • • • • •	Width:		(Sidewalks)		Width:					
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.				
OVER							0				
120							0				
118							0				
116							0				
114							0				
112							0				
110							0				
108							0				
106							0				
104							0				
102							0				
100							0				
98							0				
96							0				
94							0				
92							0				
90							0				
88							0				
86							0				
84							0				
82							0				
80							0				
78							0				
76							0				
74			1				1				
72							0				
70			1				1				
68						1	1				
66							0				
64							0				
62							0				
60							0				
58 56							0				
							0				
54							0				
52 50						-	0				
48						-	0				
48						-	0				
46						<del> </del>	0				
44						-	0				
42						<del> </del>	0				
38						<del> </del>	0				
36						-	0				
34						<del> </del>	0				
32						<del> </del>	0				
30						<del> </del>	0				
28						<del> </del>	0				
26						<del> </del>	0				
24						<del> </del>	0				
22						<del> </del>	0				
20						<del> </del>	0				
18						<del> </del>	0				
16						<del>                                     </del>	0				
UNDER						<del> </del>	0				
SHOEK							U				

RADAR SPEED STUDY									
	ON: Crooked Rapi	ds Rd							
DIR:Nor	th	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo				
		DAY: Wednesday	TIME: fro		to 17:30	POSTED SPE	ED		
	radar & pavemen		Commer						
	urface) Type:	Width:		(Shoulders) 1	Гуре:	Width:			
(Median		Width:		(Sidewalks) T		Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY '	VEHICLES	Total	Total Veh.		
OVER							0		
120							0		
118							0		
116							0		
114 112							0		
110							0		
108							0		
106							0		
104							0		
102							0		
100							0		
98							0		
96							0		
94							0		
92							0		
90							0		
88							0		
86							0		
84							0		
82			1				1		
80							0		
78							0		
76 74			1				0		
72			1				0		
70							0		
68							0		
66							0		
64			2						
62							0		
60							0		
58							0		
56							0		
54		·					0		
52							0		
50							0		
48							0		
46							0		
44							0		
42			1			<u> </u>	1		
40						1	0		
38						<del>                                     </del>	0		
36 34						-	0		
32						<del> </del>	0		
30						1	0		
28						<del> </del>	0		
26							0		
24						<del> </del>	0		
22						1	0		
20						1			
18						1	0 0		
16						1	0		
UNDER						1	0		
							<u> </u>		

RADAR SPEED STUDY										
LOCATION: Crooked Rapids Rd										
DIR:Sou		REGION/MUN: North	Alogna	Wilberforce	Weather: Clo					
	022-12-14	DAY: Wednesday	TIME: fro		to 8:00	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median		Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0 0 0 0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0 0 0 0 0 0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74							0 0 0 0			
72							0			
70							0			
68 66							0			
			1				4			
64 62			1			1	1			
60						1	0			
58			1				1			
56			I				0			
54						<del> </del>	0			
54 52						<del> </del>	0			
52 50						+	0			
48						<del> </del>	0			
46						<del> </del>	0			
44						<del> </del>	0			
42			1				1			
40			<u>'</u>				0			
38						<del> </del>	0			
36						<del> </del>	0			
34							0 0 0 0 0			
32						1	0			
30							0			
28						†	0			
26						†	0			
24							0			
22							0			
20						+	0 0 0 0			
18						+	0			
16						<del> </del>	0			
UNDER						<del> </del>	0			
SHULIN			<u> </u>	l		L	U			

RADAR SPEED STUDY										
	ON: Crooked Rapi	ids Rd								
DIR:Sou		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
	2022-12-14	DAY: Wednesday	TIME: fro		to 9:00	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) T	уре:	Width:				
(Median		Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	<b>VEHICLES</b>	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112							0			
110							0 0 0 0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0 0 0 0 0 0			
82							0			
80							0			
78							0			
76							0			
74							0 0 0 0			
72							0			
70							0			
68 66							0			
-			1				4			
64 62			1			1	1			
60						1	0			
58							0			
56							0			
54						<del> </del>	0			
52						<del> </del>	0			
50						+	0			
48						<del> </del>	0			
46							0			
44						<del> </del>	0			
42						1	0			
40						<del> </del>	n			
38						1	0			
36						<del> </del>	n			
34						1	0 0 0 0 0			
32						1	0			
30						1	0			
28						1	0			
26							0			
24						1	0			
22						<del> </del>	n			
20						<del> </del>	n			
18						†	0 0 0 0			
16						†	0			
UNDER							0			
SHULK			<u> </u>	<u> </u>		L	U			

RADAR SPEED STUDY									
	ON: Crooked Rapi	ds Rd							
DIR:Sou	ıth	REGION/MUN: North	n Alogna '	Wilberforce	Weather: Clo				
		DAY: Wednesday	TIME: fro		to 16:30	POSTED SPE	ED		
	radar & pavemen	t edge: m	Commer						
	urface) Type:	Width:		(Shoulders)	Гуре:	Width:			
(Median	· • • • • • • • • • • • • • • • • • • •	Width:	_	(Sidewalks)		Width:			
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.		
OVER							0		
120							0		
118 116							0 0 0		
114							0		
112							0		
110							0 0 0 0		
108							0		
106							0		
104							0		
102							0		
100							0		
98							0		
96							0		
94							0		
92							0		
90							0		
88							0		
86 84							0		
82							0		
80							0		
78							0		
76							0 0 0 0 0		
74							0		
72							0 0 0 0		
70							0		
68							0		
66							0		
64							0		
62							0 0 2 0 0		
60			2				2		
58							0		
56 54			<del>                                     </del>				0		
52						1	0		
50			<del>                                     </del>			<del> </del>	0		
48						1	0		
46			<u> </u>						
44							0 0 0		
42							0		
40							0		
38							0 0 0 0 0		
36							0		
34			ļ				0		
32							0		
30			ļ				0		
28						-	0		
26							0		
24 22			<del> </del>				0 0 0 0 0		
20			<del> </del>				0		
18						1	0		
16						+	0		
UNDER						+	0		
SHULL			<u> </u>			1	ı		

RADAR SPEED STUDY										
	LOCATION: Crooked Rapids Rd									
DIR:Sou	ıth	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo					
		DAY: Wednesday	TIME: fro		to 17:30	POSTED SPE	ED			
	radar & pavemen		Commer							
	urface) Type:	Width:		(Shoulders) 1	Гуре:	Width:				
(Median	<u>, , , , , , , , , , , , , , , , , , , </u>	Width:		(Sidewalks) T		Width:				
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY V	VEHICLES	Total	Total Veh.			
OVER							0			
120							0			
118							0			
116							0			
114							0			
112 110							0			
108							0			
106							0			
104							0			
102							0			
100							0			
98							0			
96							0			
94							0			
92							0			
90							0			
88							0			
86							0			
84							0			
82							0			
80							0			
78							0			
76							0			
74 72							0			
70							0			
68			1				1			
66			'				0			
64										
62							0			
60							0			
58			1				1			
56							0			
54							0			
52							0			
50							0			
48			1				1			
46							0			
44							0			
42							0			
40 38							0			
36						+	0			
34						+	0			
32							0			
30							0			
28							0			
26							0			
24							0			
22							0			
20										
18							0 0			
16							0			
UNDER							0			

		RAI	DAR SP	EED STUD	Y		
LOCATI DIR:Nor	ON: Tramore Rd	REGION/MUN: North	Alogna	Wilherforce	Weather: Cl	oudy	
	2022-12-14	DAY: Wednesday	TIME: fro	7:00	to 8:00	POSTED SPE	FD
	radar & pavemen		Commer		10 0.00	I COLLD OIL	
	urface) Type:	Width:		(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER	-						0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96 94							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72							0
70							0
68							0
66							0
64			1				0
62 60			1				1 0
58							0
56			1				1
54							0
52							0
50							0
48							0
46							0
44							0
42							0
40							0
38			1				1
36							0
34							0
32							0
30							0
28							0
26							0
24 22							0
20							0
18							0
16							0
UNDER							0

		RAI	DAR SP	EED STUD	Y		
LOCATI DIR:Nor	ON: Tramore Rd	REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo	oudv	
	2022-12-14	DAY: Wednesday	TIME: fro	om 8:00	to 9:00	POSTED SPE	ED
	radar & pavemen		Commer				
	urface) Type:	Width:		(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)	Туре:	Width:	
Km/hr	CARS AND L	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98 96							0
96							0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72							0
70							0
68							0
66							0
64			1				1
62							0
60							0
58			1				1
56							0
54 52							0
52 50							0
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

RADAR SPEED STUDY							
	N: Tramore Rd						
DIR:North		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo		
DATE: 20			TIME: fro		to 16:30	POSTED SPE	ED
	radar & pavement		Commer				
	rface) Type:	Width:		(Shoulders) 1	уре:	Width:	
(Median)	Type:	Width:		(Sidewalks) T		Width:	
Km/hr	CARS AND LI	IGHT VEHICLES	Total	HEAVY	VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110							0
108 106							0
104							0
102							0
102						<del> </del>	0
98						<del> </del>	0
96						1	0
94						1	0
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76							0
74							0
72							0
70			1				1
68			1				1
66							0
64			2				0
62							0
60			2				2
58			1				1
56						1	1
54			2			ļ	2
52						ļ	0
50			1			1	1
48			1			<del> </del>	1
46						1	0
44			4			1	1
42			1 2			<del> </del>	2
38						<del> </del>	0
36						<del> </del>	0
34						<del> </del>	0
32						1	0
30						<del> </del>	0
28						1	0
26						1	0
24						<del> </del>	0
22						1	0
20						1	0
18						1	0
16						1	0
UNDER						1	0
J						I	

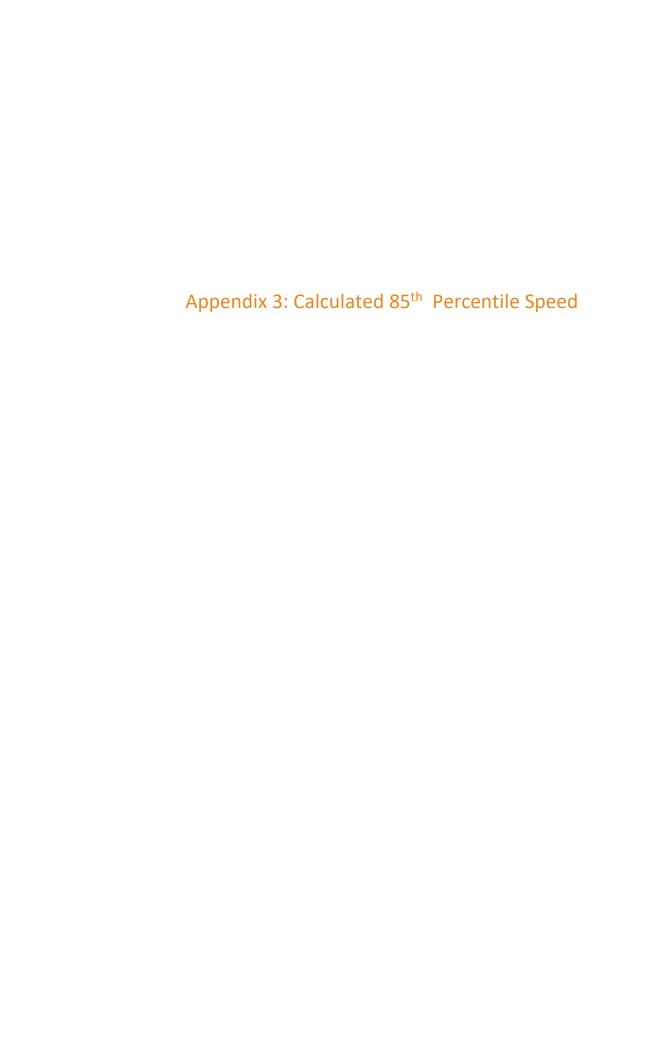
RADAR SPEED STUDY							
	ON: Tramore Rd	DECION/MUN. No sel	A1	\A/:!! <b>f</b>	NA/41 Ol-		
DIR:Nor	rtn 2022-12-14	REGION/MUN: North DAY: Wednesday	Alogna	om 16:30	Weather: Clo	POSTED SPE	·ED
	radar & pavemen		Commer		to 17:30	POSTED SPE	ED
	urface) Type:	Width:	Comme	(Shoulders)	Tyne:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr	<del>, , , , , , , , , , , , , , , , , , , </del>	IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110 108							0
106							0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86 84			1				1
82							0
80			1				1
78							0
76							0
74							0
72							0
70			1				1
68							0
66			4				4
64			2				2
62 60							0
58			1				1
56			'				0
54			1				1
52							0
50							0
48							0
46							0
44							0
42			1				1
40 38			1				1 1
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

RADAR SPEED STUDY							
	ON: Tramore Rd						
DIR:Sou		REGION/MUN: North	Alogna \	Wilberforce	Weather: Clo		
			TIME: fro		to 8:00	POSTED SPE	ED
	radar & pavement		Commer				
	urface) Type:	Width:		(Shoulders) T	уре:	Width:	
(Median	) Type:	Width:		(Sidewalks) T	ype:	Width:	
Km/hr	CARS AND LI	IGHT VEHICLES	Total	HEAVY \	<b>VEHICLES</b>	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96							0
94			1				1
92							0
90							0
88							0
86							0
84							0
82							0
80							0
78							0
76			1				1
74			1				1
72			3				3
70			3				0
68			1				1
66			1				1
64 62			1				1 0
60							0
58			1				1
56			Į.				0
54							0
							0
52 50							0
						4	1
48						1	
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18							0 0 0
16							0
UNDER							0

RADAR SPEED STUDY							
LOCATI	ON: Tramore Rd	DECION/MUN. No who	Alama	M/: 11a a mf a ma a	Ma atham. Ola		
	2022-12-14	REGION/MUN: North DAY: Wednesday	TIME: fro	wilberiorce	Weather: Clo	POSTED SPE	ED
	radar & pavemen		Commer		10 9.00	POSTED SPE	ED
	urface) Type:	Width:	Comme	(Shoulders)	Tyne	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr	<del>, , , , , , , , , , , , , , , , , , , </del>	IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER	07111071112					1 0 00	0
120							0
118							0
116							0
114							0
112							0
110							0
108							0
106							0
104							0
102							0
100							0
98							0
96							0
94 92							0
90			1				0
88							0
86							0
84							0
82			2				2
80							0
78			1				1
76			1				1
74			1				1
72			1				1
70							0
68							0
66							0
64			1			1	
62 60			1				1
58			1				1
56			ı				0
54						1	1
52							0
50							0
48			1				1
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

RADAR SPEED STUDY							
LOCATI	ON: Tramore Rd	REGION/MUN: North	Alogna	Nilharfarca	Weather: Clo	udv	
	2022-12-14	DAY: Wednesday	TIME: fro	m 15:30	to 16:30	POSTED SPE	ED
	radar & pavemen		Commer		10 10.30	ILOS IED SEE	.L <i>U</i>
	urface) Type:	Width:	Comme	(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr	<del></del>	IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110							0
108 106							0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86							0
84							0
82 80							0
78							0
76							0
74			2				
72			2				2
70			1				1
68							0
66			1				1
64							0
62			1				1
60							0
58			1				0
56 54			1				1 0
52							0
50			1				1
48							0
46							0
44							0
42							0
40							0
38							0
36							0
34							0
32							0
30 28							0
26							0
24							0
22							0
20							0
18							0
16							0
UNDER							0

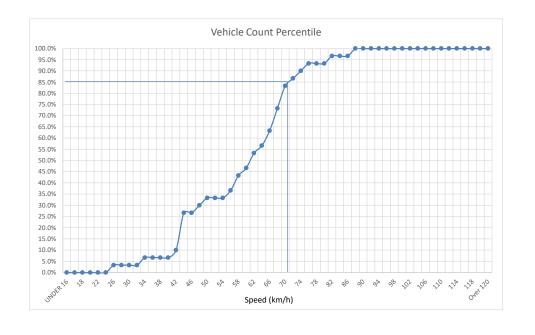
RADAR SPEED STUDY							
	ON: Tramore Rd	DECION/MUN. No who	Alamas	\A/:	Ma atham Cla		
DIR:Sou	ıtn 2022-12-14	REGION/MUN: North DAY: Wednesday	TIME: fro	Wilbertorce	Weather: Clo	uay POSTED SPE	·ED
	radar & pavemen		Commer		10 17:30	POSTED SPE	ED
	urface) Type:	Width:	Comme	(Shoulders)	Type:	Width:	
(Median		Width:		(Sidewalks)	Type:	Width:	
Km/hr		IGHT VEHICLES	Total		VEHICLES	Total	Total Veh.
OVER							0
120							0
118							0
116							0
114							0
112							0
110 108							0
106						-	0
104							0
102							0
100							0
98							0
96							0
94							0
92							0
90							0
88							0
86 84							0
82			1				1
80			- '				0
78							0
76							0
74							0
72							0
70							0
68							0
66							0
64			2				2
62 60			1 2				1 2
58						-	0
56			1				1
54							0
52							0
50							0
48							0
46							0
44							0
42							0
40 38							0
36						-	0
34							0
32							0
30							0
28							0
26							0
24							0
22							0
20							0
18						ļ	0
16						ļ	0
UNDER							0



RADAR SPEED STUDY						
LOCATION: Black Creek Rd						
DIR:North and South	REGION/MUN: Norti	h Alogna Wi	Iberforce	Weather: Cloudy		
DATE: 2022-12-14	DAY: Wednesday TIME: from 7:00		7:00	to 17:30	POSTED SPEED	

Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER		0		0		0.0%	0	0.0%
16 18		0		0		0.0% 0.0%	0	0.0%
20		0	+	0		0.0%	0	0.0%
22		0		0		0.0%	0	0.0%
24		0		0		0.0%	0	0.0%
26		1		0		3.3%	1	3.3%
28		0		0	0	0.0%	1	3.3%
30		0		0	0	0.0%	1	3.3%
32		0		0		0.0%	1	3.3%
34		1		0		3.3%	2	6.7%
36		0		0		0.0%	2	6.7%
38		0		0		0.0%	2	6.7%
40		0		0		0.0%	2	6.7%
42		1		0		3.3%	3	10.0%
44		5		0		16.7%	8	26.7%
46		0		0		0.0%	8 9	26.7% 30.0%
48 50		1		0		3.3% 3.3%	10	33.3%
52		0	+	0		0.0%	10	33.3%
54		0		0		0.0%	10	33.3%
56		0		1	1	3.3%	11	36.7%
58		1		1	2	6.7%	13	43.3%
60		1		0		3.3%	14	46.7%
62		2		0	2	6.7%	16	53.3%
64		1		0	1	3.3%	17	56.7%
66		2		0	2	6.7%	19	63.3%
68		3		0	3	10.0%	22	73.3%
70		3		0	3	10.0%	25	83.3%
72		1		0		3.3%	26	86.7%
74		1		0		3.3%	27	90.0%
76		1		0		3.3%	28	93.3%
78		0		0		0.0%	28	93.3%
80		0		0		0.0%	28	93.3%
82		1		0		3.3%	29	96.7%
84 86		0		0		0.0% 0.0%	29 29	96.7% 96.7%
88		1	+	0		3.3%	30	100.0%
90		0		0			30	100.0%
92		0		0		0.0%	30	100.0%
94		0		0		0.0%	30	100.0%
96		0		0		0.0%	30	100.0%
98		0		0		0.0%	30	100.0%
100		0		0	0	0.0%	30	100.0%
102		0		0	0	0.0%	30	100.0%
104		0		0		0.0%	30	100.0%
106		0		0		0.0%	30	100.0%
108		0		0		0.0%	30	100.0%
110		0		0			30	100.0%
112		0		0		0.0%	30	100.0%
114		0		0		0.0%	30	100.0%
116		0		0		0.0%	30	100.0%
118		0		0		0.0%	30	100.0%
120 OVER		0		0		0.0%	30	100.0%
OVER		0		0	0	0.0%	30	100.0%

Speed (km/h) UNDER 16	Vehicle Count Percentile 0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	3.3%
28	3.3%
30	3.3%
32	
	3.3%
34	6.7%
36	6.7%
38	6.7%
40	6.7%
42	10.0%
44	26.7%
46	26.7%
48	30.0%
50	33.3%
52	33.3%
54	33.3%
56	36.7%
58	43.3%
60	46.7%
62	
	53.3%
64	56.7%
66	63.3%
68	73.3%
70	83.3%
72	86.7%
74	90.0%
76	93.3%
78	93.3%
80	93.3%
82	96.7%
84	96.7%
86	96.7%
88	100.0%
90	100.0%
92	100.0%
94	100.0%
96	100.0%
98	100.0%
100	100.0%
102	100.0%
104	100.0%
106	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%



RADAR SPEED STUDY					
LOCATION: Island View Dr					
Dir: East and West	REGION/MUN: Norti	h Alogna Wilberforce	Weather: Clo	oudy	
DATE: 2022-12-14	DAY: Wednesday	TIME: from AM to PM	7:00- 17:30	POSTED SPEED	

Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER 16		0		0			0	
18		0		0		0.0%	0	
20		0		0		0.0%	0	0.0%
22		0		0		0.0%	0	0.0%
24		0		0		0.0%	0	0.0%
26		0		0	0	0.0%	0	0.0%
28		0		0		0.0%	0	0.0%
30		0		0	0	0.0%	0	0.0%
32		0		0	0	0.0%	0	0.0%
34		1		0		3.7%	1	3.7%
36		0		0	0	0.0%	1	3.7%
38		0		0		0.0%	1	3.7%
40		0		0		0.0%	1	3.7%
42		2		0		7.4%	3	11.1%
44		2		0		7.4%	5	18.5%
46 48		2		2	2 5	7.4% 18.5%		25.9%
50		3		0	3	11.1%	12	44.4% 55.6%
52		2		0	-	7.4%	17	63.0%
54		1		0		3.7%	18	66.7%
56		3		0		11.1%	21	77.8%
58		0		0		0.0%	21	77.8%
60		3		0		11.1%	24	88.9%
62		1		0	1	3.7%	25	92.6%
64		0		0	0	0.0%	25	92.6%
66		0		0	0	0.0%	25	92.6%
68		0		0			25	92.6%
70		0		0	-	0.0%	25	92.6%
72		0		0		0.0%	25	92.6%
74		0		0		0.0%	25	92.6%
76 78		0		0		0.0% 3.7%	25 26	92.6% 96.3%
80		0		0		0.0%	26	96.3%
82		0		0			26	96.3%
84		0		0		0.0%	26	96.3%
86		0		0		0.0%	26	96.3%
88		0		0			26	96.3%
90		0		0	0	0.0%	26	96.3%
92		0		0	0	0.0%	26	96.3%
94		0		0	0	0.0%	26	96.3%
96		0		0	0	0.0%	26	96.3%
98		0		0		0.0%	26	96.3%
100		0		0	-	0.0%	26	96.3%
102		0		0			26	96.3%
104		0		0	0	0.0%	26	96.3%
106		0		1	'	3.7% 0.0%	27	100.0%
108 110		0		0		0.0%	27 27	100.0% 100.0%
112		0		0		0.0%	27	100.0%
114		0		0		0.0%	27	100.0%
116		0		0		0.0%	27	100.0%
118		0		0			27	100.0%
120		0		0		0.0%	27	100.0%
OVER		0		0	0		27	100.0%

Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	0.0%
28	0.0%
30	0.0%
32	0.0%
34	3.7%
36	3.7%
38	3.7%
40	3.7%
42	11.1%
44	18.5%
46	25.9%
48	44.4%
50	55.6%
52	63.0%
54	66.7%
56	77.8%
58	77.8%
60	88.9%
62	92.6%
64	92.6%
66	92.6%
68	92.6%
70	92.6%
72	92.6%
74	92.6%
76	92.6%
78	96.3%
80	96.3%
82	96.3%
84	96.3%
86 88	96.3% 96.3%
90	96.3%
92	96.3%
94	96.3%
96	96.3%
98	96.3%
100	96.3%
102	96.3%
104	96.3%
106	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%
J.J. 120	100.070

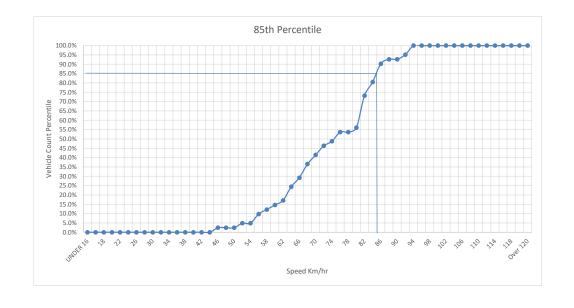


RADAR SPEED STUDY						
LOCATION: Gristmill Rd						
Dir: East and West	REGION/MUN: North Alogna Wilberforce	Weather: Cloudy				
DATE: 2022-12-14	DAY: Wednesday TIME: from AM to PM,	7:00AM to 17:30 POSTED SPEED				

40

		1						
Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER		0		0			0	
16 18		0		0	0		0	
20		0		0			0	
22		0		0			0	
24		0		0			0	
26		0		0			0	
28		0		0			0	
30		Ö		0		0.0%	0	
32		Ö		0			0	
34		Ö		0			0	
36		0		0	0		0	
38		0		0	0		0	
40		0		0	0	0.0%	0	0.0%
42		0		0	0	0.0%	0	0.0%
44		0		0	0	0.0%	0	0.0%
46		1		0	1	2.4%	1	
48		0		0			1	
50		0		0			1	
52		1		0		2.4%	2	
54		0		0			2	
56		2		0	2		4	
58		1		0	1	2.4%	5	
60		0		1	1	2.4%	6	
62		1		0			7	
64		3		0			10	
66		2		0			12	
68 70		3		0		7.3% 4.9%	15 17	
70		2		0			19	
74		1		0		2.4%	20	48.8%
76		2		0			22	
78		0		0			22	
80		1		0		2.4%	23	56.1%
82		7		0		17.1%	30	
84		3		0		7.3%	33	
86		4		0	4		37	90.2%
88		1		0	1	2.4%	38	
90		0		0	0	0.0%	38	92.7%
92		1		0	1	2.4%	39	95.1%
94		2		0	2	4.9%	41	100.0%
96		0		0	0		41	100.0%
98		0		0	0	0.0%	41	100.0%
100		0		0			41	100.0%
102		0		0			41	100.0%
104		0		0			41	100.0%
106		0		0			41	100.0%
108		0		0	0	0.0%	41	100.0%
110		0		0			41	100.0%
112		0		0			41	100.0%
114		0		0	0		41	100.0%
116		0		0			41	100.0%
118 120				0	0		41	100.0%
		0			0		41	100.0%
OVER		0		0	0	0.0%	41	100.0%

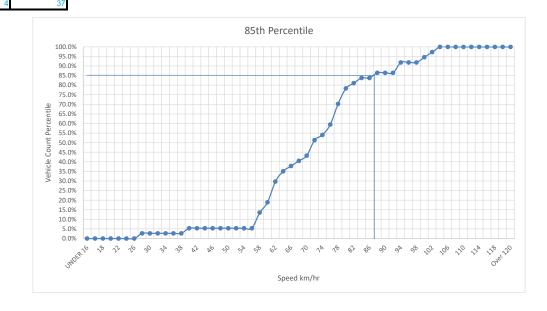
Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	0.0%
28	0.0%
30	0.0%
32	0.0%
34	0.0%
36	0.0%
38	0.0%
40	0.0%
42	0.0%
44	0.0%
46	2.4%
48	2.4%
50	2.4%
52	4.9%
54	4.9%
56	9.8%
58	12.2%
60	14.6%
62	17.1%
64	24.4%
66	29.3%
68	36.6%
70	41.5%
72	46.3%
74	48.8%
76	53.7%
78	53.7%
80	56.1%
82	73.2%
84	80.5%
86	90.2%
88	92.7%
90	92.7%
92	95.1%
94	100.0%
96	100.0%
98	100.0%
100	100.0%
102	100.0%
104	100.0%
106	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%



RADAR SPEED STUDY					
LOCATION: Royal Pines Rd					
Dir: East and West	REGION/MUN: North	n Alogna N	Vilberforce	Weather: Clo	udy
DATE: 2022-12-14	DAY: Wednesday	TIME: fro	m AM to PM, 7	:00 o 17:30	POSTED SPEED
					•

	1				0/ = / 13/ 11 1		
Km/hr CARS AND LIGHT VEHICLES UNDER	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
16	0		0		0.0% 0.0%	0	
18	0		0		0.0%	0	
20	0		0		0.0%	0	0.0%
22	0		0		0.0%	0	0.0%
24	0		0	-	0.0%	0	0.0%
26	0		0		0.0%	0	0.0%
28	1		0		2.7%	1	2.7%
30	0		0		0.0%		2.7%
32	0		0	0	0.0%	1	2.7%
34	0		0	0	0.0%	1	2.7%
36	0		0	0	0.0%	1	2.7%
38	0		0	0	0.0%	1	2.7%
40	1		0	1	2.7%	2	5.4%
42	0		0	0	0.0%	2	5.4%
44	0		0	0	0.0%	2	5.4%
46	0		0	0	0.0%	2	5.4%
48	0		0		0.0%	2	5.4%
50	0		0		0.0%	2	5.4%
52	0		0		0.0%	2	5.4%
54	0		0		0.0%	2	5.4%
56	0		0		0.0%	2	5.4%
58	3		0		8.1%	5	13.5%
60	1		1		5.4%	7	18.9%
62	4 2		0		10.8%	11	29.7%
64	1		0		5.4% 2.7%	13 14	35.1% 37.8%
66 68	1		0		2.7%	15	40.5%
70	1		0		2.7%	16	43.2%
72	1		2		8.1%	19	51.4%
74	1		0		2.7%	20	54.1%
76	2		0		5.4%	22	59.5%
78	3		1		10.8%	26	70.3%
80	3		0	3	8.1%	29	78.4%
82	1		0	1	2.7%	30	81.1%
84	1		0	1	2.7%	31	83.8%
86	0		0	0	0.0%	31	83.8%
88	1		0		2.7%	32	86.5%
90	0		0		0.0%	32	86.5%
92	0		0		0.0%	32	86.5%
94	2		0		5.4%	34	91.9%
96	0		0		0.0%	34	91.9%
98	0		0		0.0%	34	91.9%
100	1		0		2.7%	35	94.6%
102	1 1		0		2.7% 2.7%	36	97.3%
104	0		0		0.0%	37 37	100.0% 100.0%
108	0		0		0.0%	37	100.0%
110	0		0		0.0%	37	100.0%
112	0		0		0.0%	37	100.0%
114	0		0		0.0%	37	100.0%
116	0		0		0.0%	37	100.0%
118	0		0		0.0%	37	100.0%
120	0		0		0.0%	37	100.0%
OVER	0		0		0.0%	37	100.0%
O TEIN				ı v	0.070	31	

Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	0.0%
28	2.7%
30	2.7%
32	2.7%
34	2.7%
36	2.7%
38	2.7%
40	5.4%
42	5.4%
44	5.4%
46	5.4%
48	5.4%
50	5.4%
52	5.4%
54	5.4%
56	5.4%
58	13.5%
60	18.9%
62	29.7%
64	35.1%
66	37.8%
68	40.5%
70	43.2%
72	51.4%
74	54.1%
76	59.5%
78	70.3%
80	78.4%
82	81.1%
84	83.8%
86	83.8%
88	86.5%
90	86.5%
92	86.5%
94	91.9%
96	91.9%
98	91.9%
100	94.6%
102	97.3%
104	100.0%
104	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%



	RA	DAR SP	EED STUDY		
LOCATION: McMillan Rd					
Dir: North and South	REGION/MUN: North	Alogna V	Vilberforce	Weather: Clou	ıdy
DATE: 2022-12-14	DAY: Wednesday	TIME: fro	m AM to PM, 7:	:00 to 17:30	POSTED SPEED

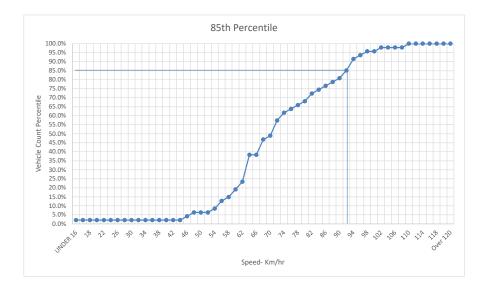
Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER		0		0	0	0.0%	0	0.0%
16		0		0			0	0.0%
18		1		0	1	2.3%	1	2.3%
20		0		0			1	2.3%
22		0		0	0		1	2.3%
24 26		0		0	0		1	2.3% 2.3%
28		1		0	1	2.3%	2	4.5%
30		0		0	0		2	4.5%
32		1		ő	1	2.3%	3	6.8%
34		Ö		ő			3	6.8%
36		1		Ō			4	9.1%
38		0		0	0		4	9.1%
40		0		0	0		4	9.1%
42		0		0	0	0.0%	4	9.1%
44		2		0	2	4.5%	6	13.6%
46		0		0	0		6	13.6%
48		2		0	2		8	18.2%
50		4		0	4	9.1%	12	27.3%
52		1		0	1	2.3%	13	29.5%
54		1		0	1	2.3%	14	31.8%
56		6		0	6		20	45.5%
58		6		0	4		24	54.5%
60 62		2		0			30	68.2% 72.7%
64		2		0	2	4.5%	32 34	77.3%
66		2		0			36	81.8%
68		2		ő	2	4.5%	38	86.4%
70		0		Ö	0		38	86.4%
72		2		0	2	4.5%	40	90.9%
74		0		0	0		40	90.9%
76		0		0	0	0.0%	40	90.9%
78		0		0	0		40	90.9%
80		0		1	1	2.3%	41	93.2%
82		0		1	1	2.3%	42	95.5%
84		0		0	0		42	95.5%
86		0		0	0	0.0%	42	95.5%
88		0		0	0		42	95.5%
90		0		0	0		42	95.5%
92 94		0		0	0	0.0% 2.3%	42	95.5% 97.7%
96		0		0	0		43	97.7%
98		0		0			43	97.7%
100		0		ő	0		43	97.7%
102		0		1	1	2.3%	44	100.0%
104		0		0	0		44	100.0%
106		0		0	0		44	100.0%
108		0		0	0		44	100.0%
110		0		0	0		44	100.0%
112	<u> </u>	0		0	0		44	100.0%
114		0		0	0		44	100.0%
116		0		0	0		44	100.0%
118		0		0	0		44	100.0%
120		0		0	0		44	100.0%
OVER		0		0	0	0.0%	44	100.0%

Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	2.3%
20	2.3%
22	2.3%
24	2.3%
26	2.3%
28	4.5%
30	4.5%
32	6.8%
34	
	6.8%
36	9.1%
38	9.1%
40	9.1%
42	9.1%
44	13.6%
46	13.6%
48	18.2%
50	27.3%
52	29.5%
54	31.8%
56	45.5%
58	54.5%
60	68.2%
62	72.7%
64	77.3%
66	81.8%
68	86.4%
70	86.4%
72	90.9%
74	90.9%
76	90.9%
78	90.9%
80	93.2%
82	95.5%
84	95.5%
86	95.5%
88	95.5%
90	95.5%
92	95.5%
94	97.7%
96	97.7%
98	97.7%
100	97.7%
102	100.0%
104	100.0%
104	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%



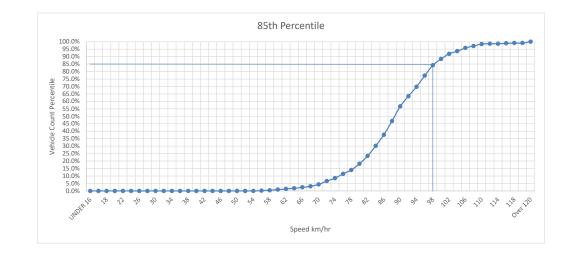
		DAR SP	PEED STUDY					
	ON: Mink Lake Road							
	t and West REGION/MUN: North			udy				
DATE: 2	DAY: Wednesday	TIME: fr	om AM to PM	POSTED SPI	EED			
						1		
Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER	CARO AND LIGHT VEHICLES	10141		Total (		2.1%	1	2.1%
16		0					1	2.1%
18		0		(			1	2.1%
20		0		(	0	0.0%	1	2.1%
22		0		(	0	0.0%	1	2.1%
24		0		(			1	2.1%
26		0		(			1	2.1%
28		0		(			1	2.1%
30		0		(		*****	1	2.1%
32		0		(			1	2.1%
34 36		0		(			1	2.1% 2.1%
38		0		(			1	2.1%
40		0			0		1	2.1%
42		0					1	2.1%
44		0					1	2.1%
46		1		(	) 1	2.1%	2	4.3%
48		1		(	1	2.1%	3	6.4%
50		0		(	0		3	6.4%
52		0		(	0	0.0%	3	6.4%
54		1		(		2.1%	4	8.5%
56		2		(			6	12.8%
58		1		(		2.1%	7	14.9%
60		2		(			9	19.1%
62		5		(	_		11 18	23.4%
64 66		0		- (	<u> </u>		18	38.3% 38.3%
68		3		1			22	46.8%
70		1				2.1%	23	48.9%
72		4					27	57.4%
74		2		(	) 2		29	61.7%
76		1		(	1	2.1%	30	63.8%
78		1		(	1	2.170	31	66.0%
80		1		(		2.1%	32	68.1%
82		2		(			34	72.3%
84		1		(		2.170	35	74.5%
86		1		(		2.1%	36	76.6%
88 90		1		(		2.1% 2.1%	37 38	78.7% 80.9%
90		2		(			38 40	80.9% 85.1%
94		3			) 2		43	91.5%
96		1				2.1%	43	93.6%
98		1				2.1%	45	95.7%
100		0		(			45	95.7%
102		1		(	1	2.1%	46	97.9%
104		0		(			46	97.9%
106		0		(			46	97.9%
108		0		(			46	97.9%
110		1		(		2.170	47	100.0%
112		0		(			47	100.0%
114		0		(			47	100.0%
116 118		0		(		******	47 47	100.0% 100.0%
118		0		(			47	100.0%
OVER		0		(			47	100.0%
UTLIN		, ,	1		, 0	0.076	47	100.070

Speed (km/h)	Vehicle Count Percentile
UNDER 16	2.1%
16	2.1%
18	2.1%
20	2.1%
22	2.1%
24	2.1%
26	2.1%
28	2.1%
30	2.1%
32	2.1%
34	2.1%
36	2.1%
38	2.1%
40	2.1%
42	2.1%
44	2.1%
46	4.3%
48	6.4%
50	6.4%
52	6.4%
54	8.5%
56	12.8%
58	14.9%
60	19.1%
62	23.4%
64	38.3%
66	38.3%
68	46.8%
70	48.9%
72	57.4%
74	61.7%
76	63.8%
78	66.0%
80	68.1%
82	72.3%
84	74.5%
86 88	76.6% 78.7%
90	80.9%
92	85.1%
94	91.5%
96	93.6%
98	95.7%
100	95.7%
102	97.9%
104	97.9%
104	97.9%
108	97.9%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%
OVE: 120	100.0%



LOCATI		DAR SP	EED STUDY					
	ON: Letts Cemetery t and West REGION/MUN: North	ι Δlogna \	Weather: Clo	udv				
	022-12-14 DAY: Wednesday	TIME: fro	om AM to PM, 7:00 to 17:30	IPOSTED SPE	ED			
	,		,					
						_		
Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER		0		0		0.0% 0.0%	0	0.0% 0.0%
16 18		0		0		0.0%	0	
20		0		ő		0.0%	0	0.0%
22		0		0		0.0%	0	
24		0		0		0.0%	0	
26		0		0		0.0%	0	
28		0		0		0.0%	0	0.0%
30 32		0		0		0.0% 0.0%	0	0.0% 0.0%
34		0		0		0.0%	0	
36		0		0		0.0%	0	0.0%
38		0		0		0.0%	0	0.0%
40		0		0		0.0%	0	0.0%
42		0		0		0.0%	0	0.0%
44		0		0		0.0%	0	0.0%
46 48		0		0		0.0% 0.0%	0	0.0% 0.0%
50		0		0		0.0%	0	0.0%
52		0		Ö		0.0%	0	0.0%
54		0		0		0.0%	0	0.0%
56		1		0		0.2%	1	0.2%
58		1		0		0.2%	2	0.4%
60		2		0		0.4%	4	0.9%
62 64		2		0		0.4% 0.4%	<u>6</u>	1.3% 1.8%
66		3		0		0.4%	<u>o</u> 11	2.4%
68		2		1		0.7%	14	3.1%
70		6		0		1.3%	20	4.4%
72		9		1		2.2%	30	6.6%
74		9		0		2.0%	39	8.5%
76		13		0		2.8%	52	11.4%
78 80		12 17		0		2.6% 4.2%	64 83	14.0% 18.2%
82		24		0		5.3%	107	23.4%
84		28		3		6.8%	138	30.2%
86		33		1	34	7.4%	172	37.6%
88		41		1		9.2%	214	46.8%
90		42		3		9.8%	259	56.7%
92 94		31		0		6.8%	290	63.5%
96		29 33		1		6.3% 7.4%	319 353	69.8% 77.2%
98		31		1		7.0%	385	84.2%
100		19		0		4.2%	404	88.4%
102		16		0		3.5%	420	91.9%
104	<u> </u>	8		0		1.8%	428	93.7%
106		10		0		2.2%	438	95.8%
108		6		0		1.3% 1.3%	444 450	97.2% 98.5%
110 112		6		0		1.3% 0.2%	450 451	98.5%
114		0		0		0.2%	451	98.7%
116		1		0		0.2%	452	98.9%
118		1		0		0.2%	453	99.1%
120	-	0		0		0.0%	453	99.1%
OVER		4		0	4	0.9%	457	100.0%

Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	0.0%
28	0.0%
30	0.0%
32	0.0%
34	0.0%
36	0.0%
38	0.0%
40	0.0%
42	0.0%
44	0.0%
46	0.0%
48	0.0%
50	0.0%
52	0.0%
54	0.0%
56	0.2%
58	0.4%
60	0.9%
62	1.3%
64	1.8%
66	2.4%
68	3.1%
70	4.4%
72	6.6%
74	8.5%
76	11.4%
78	14.0%
80	18.2%
82	23.4%
84	30.2%
86	37.6%
88	46.8%
90	56.7%
92	63.5%
94	69.8%
96	77.2%
98	84.2%
100	88.4%
102	91.9%
104	93.7%
106	95.8%
108	97.2%
110	98.5%
112	98.7%
114	98.7%
116	98.9%
118	99.1%
120	99.1%
Over 120	100.0%

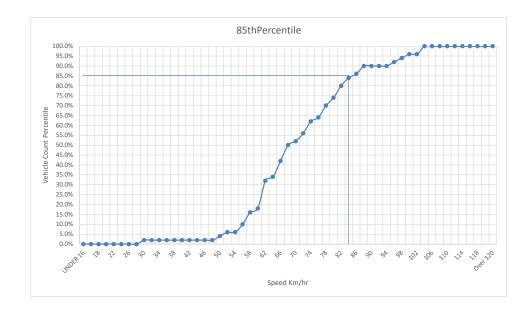


RADAR SPEED STUDY								
LOCATION: Kranz Road								
Dir: East and West	REGION/MUN: North	Alogna Wilberforce	Weather: Clo	udy				
DATE: 2022-12-14	DAY: Wednesday	TIME: from AM to PM, 7	:00 to 17:30	POSTED SPEED				

						1		
Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER		0		0		0.0%	0	
16		0		0	0	0.0%	0	
18		0		0	0	0.0%	0	
20		0		0	0		0	0.0%
22		0		0	0	0.0%	0	0.0%
24		0		0	0	0.0%	0	0.0%
26		0		0	0	0.0%	0	0.0%
28 30		0		0	0	0.0% 2.0%	0	0.0% 2.0%
32		0		0	0	0.0%	1	2.0%
34		0		0	0	0.0%	1	2.0%
36		0		0		0.0%	1	2.0%
38		0		0		0.0%	1	2.0%
40		0		0	0	0.0%	1	2.0%
42		0		0	0	0.0%	<u>.</u> 1	2.0%
44		0		0	0	0.0%	1	2.0%
46		0		0	0	0.0%	1	2.0%
48		0		0			1	2.0%
50		1		0	1	2.0%	2	4.0%
52		1		0	1	2.0%	3	6.0%
54		0		0	0	0.0%	3	6.0%
56		2		0	2	4.0%	5	10.0%
58		3		0	3	6.0%	8	16.0%
60		1		0	1	2.0%	9	18.0%
62		6		1	7	14.0%	16	32.0%
64		1		0	1	2.0%	17	34.0%
66		4		0		8.0%	21	42.0%
68		3		1	4	8.0%	25	50.0%
70		0		1	1	2.0%	26	52.0%
72		2		0		4.0%	28	56.0%
74		3		0	3	6.0%	31	62.0%
76		1		0	1	2.0%	32	64.0%
78 80		3		0	3	6.0% 4.0%	35 37	70.0% 74.0%
82		3		0		4.0% 6.0%	40	74.0% 80.0%
84		2		0	2	4.0%	42	84.0%
86		1		0	1	2.0%	43	86.0%
88		2		0	2	4.0%	45	90.0%
90		0		0	0	0.0%	45	90.0%
92		0		0	0	0.0%	45	90.0%
94		0		0	0	0.0%	45	90.0%
96		1		0	1	2.0%	46	92.0%
98		1		0	1	2.0%	47	94.0%
100		1		0	1	2.0%	48	96.0%
102		0		0		0.0%	48	96.0%
104		2		0	2	4.0%	50	100.0%
106		0		0		0.0%	50	100.0%
108	<u> </u>	0		0		0.0%	50	100.0%
110		0		0	0	0.0%	50	100.0%
112		0		0		0.0%	50	100.0%
114		0		0	0	0.0%	50	100.0%
116		0		0	0	0.0%	50	100.0%
118		0		0	0	0.0%	50	100.0%
120		0		0			50	100.0%
OVER		0		0	0	0.0%	50	100.0%

47 3 50

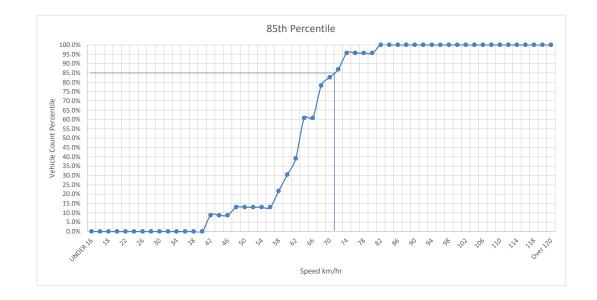
Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	0.0%
28	0.0%
30	2.0%
32	2.0%
34	2.0%
36	2.0%
38	2.0%
40	2.0%
42	
44	2.0%
	2.0%
46	2.0%
48	2.0%
50	4.0%
52	6.0%
54	6.0%
56	10.0%
58	16.0%
60	18.0%
62	32.0%
64	34.0%
66	42.0%
68	50.0%
70	52.0%
72	56.0%
74	62.0%
76	64.0%
78	70.0%
80	74.0%
82	80.0%
84	84.0%
86	86.0%
88	90.0%
90	90.0%
92	90.0%
94	90.0%
96	92.0%
98	94.0%
100	96.0%
102	96.0%
104	100.0%
106	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	
	100.0%
118	100.0%
120	100.0%
Over 120	100.0%



RADAR SPEED STUDY							
LOCATION: Crooked Rapi	ds Rd						
Dir: East and West	REGION/MUN: North	Alogna \	Vilberforce	Weather: Cloudy			
DATE: 2022-12-14	DAY: Wednesday	TIME: fro	om AM to PM, 7	:00 to 17:30	POSTED SPEED		

Mary floor	OADO AND LIQUE VEHICLES	T-4-1	HEAVOV VEHICLES	T-4-1	T-4-11/-b	0/ T-4-1 V-1-1	O	Ownerstative Of Matricles
Km/hr UNDER	CARS AND LIGHT VEHICLES	Total 0	HEAVY VEHICLES	Total 0	Total Veh.	% Total Vehicles 0.0%	Cumulative # Vehicles	Cumulative % Vehicles 0.0%
16		0		0		0.0%	0	
18		0		0		0.0%	0	
20		0		0		0.0%	0	
22		0		0		0.0%	0	
24		0		0	-	0.0%	0	
26		0		0		0.0%	0	0.0%
28		0		0	0	0.0%	0	
30		0		0	0	0.0%	0	0.0%
32		0		0	0	0.0%	0	0.0%
34		0		0		0.0%	0	
36		0		0		0.0%	0	
38		0		0		0.0%	0	
40		0		0		0.0%	0	
42		2		0		8.7%	2	8.7%
44		0		0		0.0%	2	8.7%
46		0		0		0.0%	2	8.7%
48 50		1 0		0		4.3% 0.0%	3	13.0% 13.0%
52		0		0		0.0%	3	13.0%
54		0		0		0.0%	3	13.0%
56		0		0		0.0%	3	13.0%
58		2		0		8.7%	5	21.7%
60		2		0		8.7%	7	30.4%
62		0		2		8.7%	9	39.1%
64		5		0	5	21.7%	14	60.9%
66		0		0	0	0.0%	14	60.9%
68		3		1	4	17.4%	18	78.3%
70		1		0		4.3%	19	82.6%
72		1		0		4.3%	20	87.0%
74		2		0		8.7%	22	95.7%
76		0		0		0.0%	22	95.7%
78		0		0		0.0%	22	95.7%
80		0		0		0.0%	22	95.7%
82 84		0		0		4.3% 0.0%	23	100.0% 100.0%
86		0		0		0.0%	23	100.0%
88		0		0		0.0%	23	100.0%
90		0		0		0.0%	23	100.0%
92		0		0		0.0%	23	100.0%
94		0		0		0.0%	23	100.0%
96		0		0	0	0.0%	23	100.0%
98		0		0	0	0.0%	23	100.0%
100		0		0		0.0%	23	100.0%
102		0		0		0.0%	23	100.0%
104		0		0		0.0%	23	100.0%
106		0		0		0.0%	23	100.0%
108		0		0		0.0%	23	100.0%
110		0		0		0.0%	23	100.0%
112		0		0		0.0%	23	100.0%
114				0		0.0%	23	100.0%
116 118		0		0		0.0% 0.0%	23 23	100.0% 100.0%
120		0		0		0.0%	23	100.0%
OVER		0		0		0.0%	23	100.0%
UTLIN		, J				0.076	23	100.070

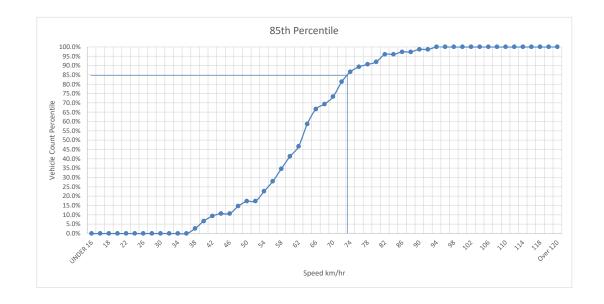
Speed (km/h)	Vehicle Count Percentile
UNDER 16	0.0%
16	0.0%
18	0.0%
20	0.0%
22	0.0%
24	0.0%
26	0.0%
28	0.0%
30	0.0%
32	0.0%
34	0.0%
36	0.0%
38	0.0%
40	0.0%
42	8.7%
44	8.7%
46	8.7%
48	13.0%
50	13.0%
52	13.0%
54	13.0%
56	13.0%
58	21.7%
60	30.4%
62	39.1%
64	60.9%
66	60.9%
68	78.3%
70	82.6%
72	87.0%
74	95.7%
76	95.7%
78	95.7%
80	95.7%
82	100.0%
84	100.0%
86	100.0%
88	100.0%
90	100.0%
92	100.0%
94	100.0%
96	100.0%
98	100.0%
100	100.0%
102	100.0%
104	100.0%
106	100.0%
108	100.0%
110	100.0%
112	100.0%
114	100.0%
116	100.0%
118	100.0%
120	100.0%
Over 120	100.0%



RADAR SPEED STUDY								
LOCATION: Tramore Rd								
Dir: East and West	REGION/MUN: North	n Alogna Wilberforce	Weather: Clo	udy				
DATE: 2022-12-14	DAY: Wednesday	TIME: from AM to PM, 7	7:00 to 17:30	POSTED SPEED				

Km/hr	CARS AND LIGHT VEHICLES	Total	HEAVY VEHICLES	Total	Total Veh.	% Total Vehicles	Cumulative # Vehicles	Cumulative % Vehicles
UNDER		0		0			0	
16 18		0		0		0.0% 0.0%	0	0.0%
20		0		0		0.0%	0	0.0%
22		0		0		0.0%	0	0.0%
24		0		0		0.0%	0	0.0%
26		0		0	0		0	0.0%
28		0		0	0	0.0%	0	0.0%
30		0		0		0.0%	0	0.0%
32		0		0		0.0%	0	0.0%
34		0		0		0.0%	0	0.0%
36		0		0		0.0%	0	0.0% 2.7%
38 40		3		0		2.7% 4.0%		2.7%
42		2		0		2.7%	7	9.3%
44		0		1	1	1.3%	8	10.7%
46		0		0	·	0.0%	8	10.7%
48		2		1	3		11	14.7%
50		2		0	2	2.7%	13	17.3%
52		0		0	0	0.0%	13	17.3%
54		3		1	4	5.3%	17	22.7%
56		3		1	4	5.3%	21	28.0%
58		5		0		6.7%	26	34.7%
60		5		0		6.7%	31	41.3%
62		4		<u>0</u> 1			35 44	46.7%
64 66		8		0	9	12.0% 8.0%	50	58.7% 66.7%
68		2		0		2.7%	52	69.3%
70		3		0		4.0%	55	73.3%
72		6		0		8.0%	61	81.3%
74		4		0	4	5.3%	65	86.7%
76		2		0	2	2.7%	67	89.3%
78		1		0		1.3%	68	90.7%
80		1		0		1.3%	69	92.0%
82		3		0		4.0%	72	96.0%
84 86		0		0		0.0% 1.3%	72 73	96.0% 97.3%
88		0		0		0.0%	73	97.3%
90		1		0			74	98.7%
92		0		0		0.0%	74	98.7%
94		1		0		1.3%	75	100.0%
96		0		0	0	0.0%	75	100.0%
98		0		0	0	0.0%	75	100.0%
100	<u> </u>	0		0		0.0%	75	100.0%
102		0		0		0.0%	75	100.0%
104		0		0		0.0%	75	100.0%
106		0		0		0.0%	75	100.0%
108		0		0		0.0%	75	100.0%
110 112		0		0		0.0% 0.0%	75 75	100.0% 100.0%
114		0		0		0.0%	75	100.0%
116		0	+	0		0.0%	75	100.0%
118		0		0			75	100.0%
120		0		0		0.0%	75	100.0%
OVER		0		0	0	0.0%	75	100.0%

UNDER 16  16  0.0%  18  0.0%  20  0.0%  22  0.0%  24  0.0%  28  0.0%  30  0.0%  32  0.0%  34  0.0%  36  0.0%  38  2.7%  40  42  9.3%  44  10.7%  44  10.7%  48  11.7%  48  14.7%  50  51  52  17.3%  52  17.3%  54  60  41.3%  60  61  68  69  78  66  68  69  78  60  68  69  70  73  73  74  74  76  76  78  80  80  92  98  79  90  91  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  91  90  90	Speed (km/h)	Vehicle Count Percentile
18         0.0%           20         0.0%           24         0.0%           26         0.0%           30         0.0%           32         0.0%           34         0.0%           36         0.0%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           78         90.7%           80         92.0%           82         96.0%           86         97.3%           87         90           92         98.7%           94         100.0%           102         100.0%           104         100.0% <t< th=""><th></th><th>0.0%</th></t<>		0.0%
20         0.0%           22         0.0%           26         0.0%           30         0.0%           32         0.0%           34         0.0%           36         0.0%           38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           90         98.7%           90         98.7%           91         90	16	0.0%
20         0.0%           22         0.0%           26         0.0%           30         0.0%           32         0.0%           34         0.0%           36         0.0%           38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           90         98.7%           90         98.7%           91         90	18	0.0%
22         0.0%           24         0.0%           28         0.0%           30         0.0%           34         0.0%           36         0.0%           38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           84         96.0%           85         97.3%           90         98.7%           90         98.7%           91         99           92         98.7%           93         100.0%		
24         0.0%           28         0.0%           30         0.0%           32         0.0%           34         0.0%           38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         67.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           84         96.0%           85         97.3%           90         98.7%           90         98.7%           90         98.7%           91         99.9%           92         98.7%           93         100.0%      <		
26         0.0%           28         0.0%           30         0.0%           32         0.0%           34         0.0%           38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           90         98.7%           91         90           92         98.7%           94         100.0%           100         100.0%           106         100.0%		
28         0.0%           30         0.0%           32         0.0%           36         0.0%           38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           84         96.0%           85         97.3%           90         98.7%           91         90           92         98.7%           94         100.0%           106         100.0%           106         100.0%           106         100.0%		
30 0.0% 32 0.0% 34 0.0% 36 0.0% 38 2.7% 40 6.7% 42 9.3% 44 10.7% 46 10.7% 46 10.7% 50 17.3% 50 17.3% 52 17.3% 54 22.7% 60 28.0% 68 34.7% 60 41.3% 62 46.7% 68 69.3% 70 73.3% 72 81.3% 76 88 69.3% 770 73.3% 78 90.7% 80 92.0% 84 96.0% 85 99.7% 80 92.0% 84 96.0% 85 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.7% 80 99.9% 81 90.0% 82 96.0% 84 96.0% 85 97.3% 86 97.3% 87 90.7% 89 90.9% 81 90.0% 82 96.0% 84 96.0% 85 97.3% 86 97.3% 86 97.3% 86 97.3% 87 90 98.7% 99 99.0% 91 100 100.0% 98 100.0% 98 100.0% 98 100.0% 98 100.0% 110 100.0% 110 100.0% 1110 100.0% 1111 110 100.0% 1112 110.0% 1114 110.0% 1116 100.0% 1118 100.0% 1118 110.0% 1118 110.0%		
32		
34 0.0% 36 0.0% 38 2.7% 40 6.7% 42 9.3% 44 10.7% 45 10.7% 46 10.7% 50 17.3% 50 17.3% 51 22.7% 56 28.0% 58 34.7% 60 41.3% 62 46.7% 64 58.7% 66 66 66.7% 68 69.3% 70 73.3% 72 81.3% 74 86.7% 76 89.3% 78 90.7% 80 92.0% 82 96.0% 84 96.0% 85 88 97.3% 80 92.0% 81 99.0% 82 96.0% 83 99.0% 84 96.0% 85 99.0% 86 97.3% 87 90.0% 86 97.3% 87 90.0% 88 97.3% 89 90.0% 89 90.0% 89 90.0% 80 90.0% 80 90.0% 80 90.0% 81 90.0% 82 96.0% 83 97.3% 84 96.0% 85 97.3% 86 97.3% 86 97.3% 87 90.0% 88 97.3% 99 99.0% 99.0% 99.0% 99.0% 99.0% 99.0% 99.0% 90.0% 90.0% 91.000 91.0000 91.0000 91.00000 91.0000000000		
36 0.0% 38 2.7% 40 6.7% 42 9.3% 44 10.7% 45 6 10.7% 48 14.7% 50 17.3% 52 17.3% 54 22.7% 56 28.0% 58 34.7% 60 41.3% 60 41.3% 62 46.7% 64 58.7% 66 66 66.7% 68 69.3% 70 73.3% 72 81.3% 74 86.7% 76 89.3% 70 73.3% 72 91.0% 80 92.0% 81 90 98.7% 90 98.7% 90 98.7% 90 98.7% 90 98.7% 90 98.7% 90 98.7% 91 100 100.0% 98 100.0% 102 100.0% 106 100.0% 110 100.0% 110 100.0% 1110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 110.0% 1111 110 100.0% 1111 110 100.0% 1111 110 100.0% 1111 110 1100.0% 1111 110 1100.0% 1111 110 1100.0% 1111 110 1100.0% 1111 110 1100.0% 1111 110 1100.0%		
38         2.7%           40         6.7%           42         9.3%           44         10.7%           48         14.7%           50         17.3%           52         17.3%           54         22.7%           66         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           84         96.0%           85         97.3%           90         98.7%           92         98.7%           94         100.0%           102         100.0%           104         100.0%           105         100         100.0%           110         100.0%           111         100.0%           116         100.0%           116         100.0%           118 <th></th> <th></th>		
40 6.7% 42 9.3% 44 10.7% 46 10.7% 48 14.7% 50 17.3% 52 17.3% 54 22.7% 56 28.0% 58 34.7% 60 41.3% 62 46.7% 64 58.7% 66 66 66.7% 68 69.3% 70 73.3% 72 81.3% 74 86.7% 80 99.0% 80 92.0% 80 92.0% 80 92.0% 81 90.7% 80 92.0% 82 96.0% 84 96.0% 85 97.3% 80 92.0% 80 92.0% 81 90.7% 80 92.0% 82 96.0% 84 96.0% 85 97.3% 86 97.3% 87 90 98.7% 90 98.7% 90 98.7% 91 91 100.0% 91 100 100.0% 100 100.0% 100 100.0% 110 100.0% 1110 100.0% 1111 110 100.0% 1111 110 100.0%		
42         9.3%           44         10.7%           48         10.7%           50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           102         100.0%           103         100           104         100.0%           105         100           116         100.0%           116         100.0%           116         100.0%           118         100.0%		
44 10.7% 48 11.7% 48 14.7% 50 17.3% 52 17.3% 54 22.7% 56 28.0% 58 34.7% 60 41.3% 62 46.7% 68 69.3% 70 73.3% 72 81.3% 74 86.7% 76 89.3% 78 90.7% 80 92.0% 81 99.8% 82 96.0% 82 96.0% 83 97.3% 84 96.0% 85 97.3% 80 99.20% 80 99.20% 81 99.0% 82 96.0% 82 96.0% 83 90.0% 84 96.0% 85 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 87 90.0% 88 90.0% 89 90.0% 81 90.0% 82 96.0% 84 96.0% 85 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3% 86 97.3%		
46 10.7% 48 14.7% 50 17.3% 52 17.3% 54 22.7% 56 28.0% 58 34.7% 60 41.3% 62 46.7% 68 69.3% 70 73.3% 72 81.3% 76 89.3% 78 90.7% 80 92.0% 84 96.0% 85 99.0% 80 92.0% 81 90.0% 82 96.0% 84 90.0% 85 90.0% 86 97.3% 87 90.7% 88 90.7% 89 90.9% 80 90.0% 81 90.0% 82 96.0% 84 96.0% 85 97.3% 86 97.3% 87 90.0% 88 90.0% 89 90.0% 89 90.0% 80 90.0% 81 90.0% 82 96.0% 83 90.0% 84 96.0% 85 97.3% 96 90.0% 97.3% 98 90.0% 99.0%		
48 14.7% 50 17.3% 52 17.3% 54 22.7% 56 28.0% 58 34.7% 60 41.3% 62 46.7% 64 58.7% 66 66 66.7% 68 69.3% 70 73.3% 72 81.3% 74 86.7% 76 89.3% 78 99.7% 80 92.0% 82 96.0% 82 96.0% 84 90.7% 80 92.0% 92 98.7% 94 100.0% 98 100.0% 98 100.0% 99 98 100.0% 100 100.0% 101 102 100.0% 106 100.0% 107 112 100.0% 116 100.0% 117 110 100.0% 118 100.0% 1110 100.0% 1111 110 100.0%		
50         17.3%           52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           74         86.7%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           102         100.0%           104         100.0%           105         104         100.0%           106         100.0%           110         100.0%           111         100.0%           116         100.0%           118         100.0%		
52         17.3%           54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           102         100.0%           104         100.0%           105         106           108         100.0%           110         100.0%           111         100.0%           116         100.0%           118         100.0%           120         100.0%		
54         22.7%           56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         110.00%           116         100.0%           118         100.0%	50	17.3%
56         28.0%           58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           80         92.9%           84         96.0%           85         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           115         110.00%           116         100.0%           118         100.0%	52	17.3%
58         34.7%           60         41.3%           62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           74         86.7%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           111         100.0%           116         100.0%           118         100.0%           120         100.0%	54	22.7%
60 41.3% 62 46.7% 64 58.7% 66 66 66.7% 68 69.3% 70 73.3% 72 81.3% 74 86.7% 76 89.3% 78 90.7% 80 92.0% 82 96.0% 84 96.0% 85 97.3% 90 98.7% 91 100.0% 91 100 100.0% 98 100.0% 102 100.0% 106 100.0% 110 100.0% 1110 100.0% 1111 110 100.0% 1111 110 100.0% 1112 100.0% 1116 100.0% 1118 100.0%	56	28.0%
62 46.7% 64 58.7% 66 66 66.7% 68 68 69.3% 70 73.3% 72 81.3% 74 86.7% 76 89.3% 78 90.7% 80 92.0% 82 96.0% 84 96.0% 85 97.3% 88 97.3% 89 90 98.7% 90 98.7% 91 100.0% 96 100.0% 97 100 100.0% 101 100.0% 102 100.0% 104 100.0% 105 100.0% 106 100.0% 117 110 100.0% 110 100.0% 1110 100.0% 1111 110 100.0% 1111 110 100.0%	58	34.7%
62         46.7%           64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           76         89.3%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           98         100.0%           100         100.0%           104         100.0%           105         100.0%           106         100.0%           111         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%	60	41.3%
64         58.7%           66         66.7%           68         69.3%           70         73.3%           72         81.3%           74         86.7%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           80         92.0%           84         96.0%           85         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         110.00%           116         100.0%           118         100.0%           120         100.0%	62	
66         66.7%           68         69.3%           70         73.3%           72         81.3%           74         86.7%           76         89.3%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           98         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           111         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%	64	
68         69.3%           70         73.3%           72         81.3%           74         86.7%           76         89.3%           78         90.7%           80         92.0%           84         96.0%           86         97.3%           90         98.7%           92         98.7%           94         100.0%           98         100.0%           102         100.0%           104         100.0%           106         100.0%           110         100.0%           111         100.0%           112         100.0%           114         100.0%           115         100.0%           118         100.0%           120         100.0%		
70         73.3%           72         81.3%           74         86.7%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           98         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
72         81.3%           74         86.7%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           85         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
74         86.7%           76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           90         98.7%           92         98.7%           94         100.0%           98         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           111         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
76         89.3%           78         90.7%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           90         98.7%           92         98.7%           94         100.0%           98         100.0%           100         100.0%           102         100.0%           104         100.0%           106         100.0%           110         100.0%           111         100.0%           111         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
78         90.7%           80         92.0%           82         96.0%           84         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
80         92.0%           82         96.0%           84         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           111         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
82         96.0%           84         96.0%           86         97.3%           88         97.3%           90         98.7%           92         98.7%           94         100.0%           98         100.0%           100         100.0%           102         100.0%           104         100.0%           106         100.0%           110         100.0%           110         100.0%           111         100.0%           114         100.0%           115         100.0%           118         100.0%           120         100.0%		
84     96.0%       86     97.3%       88     97.3%       90     98.7%       92     98.7%       94     100.0%       96     100.0%       100     100.0%       102     100.0%       104     100.0%       108     100.0%       110     100.0%       111     100.0%       112     100.0%       114     100.0%       115     100.0%       116     100.0%       118     100.0%       120     100.0%		
86     97.3%       88     97.3%       90     98.7%       92     98.7%       94     100.0%       96     100.0%       100     100.0%       104     100.0%       108     100.0%       110     100.0%       111     100.0%       112     100.0%       114     100.0%       115     100.0%       116     100.0%       118     100.0%       120     100.0%		
88         97.3%           90         98.7%           92         98.7%           94         100.0%           96         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
90 98.7% 92 98.7% 94 100.0% 96 100.0% 98 100.0% 100 100.0% 102 100.0% 104 100.0% 106 100.0% 110 100.0% 1110 100.0% 1110 100.0% 1111 100.0% 1112 100.0% 114 100.0% 115 100.0% 116 100.0% 118 100.0% 118 100.0%		
92         98.7%           94         100.0%           96         100.0%           98         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           115         100.0%           116         100.0%           118         100.0%           120         100.0%		
94         100.0%           96         100.0%           98         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
96         100.0%           98         100.0%           100         100.0%           102         100.0%           104         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
98         100.0%           100         100.0%           102         100.0%           104         100.0%           106         100.0%           110         100.0%           111         100.0%           112         100.0%           114         100.0%           115         100.0%           118         100.0%           120         100.0%		
100         100.0%           102         100.0%           104         100.0%           106         100.0%           110         100.0%           111         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
102         100.0%           104         100.0%           106         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
104         100.0%           106         100.0%           108         100.0%           110         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
106     100.0%       108     100.0%       110     100.0%       112     100.0%       114     100.0%       116     100.0%       118     100.0%       120     100.0%		
108         100.0%           110         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
110         100.0%           112         100.0%           114         100.0%           116         100.0%           118         100.0%           120         100.0%		
112     100.0%       114     100.0%       116     100.0%       118     100.0%       120     100.0%		
114         100.0%           116         100.0%           118         100.0%           120         100.0%		
116         100.0%           118         100.0%           120         100.0%		
118 100.0% 120 100.0%		100.0%
120 100.0%	116	100.0%
	118	100.0%
Over 120 100.0%	120	100.0%
	Over 120	100.0%







Version: 10-Apr-09

Name of Corridor:	Marsh Rd						
Segment Evaluated:	B line Rd			Black Creek Rd	ek Rd		
Geographic Region:	Ontario						
Road Agency:	Township of North Algona Wilberforce						
Road Classification:	Local	Length of C	orrido	or:	6,000	m	
Urban / Rural:	Rural		Design Speed: (Required for Freeway, Expressway, Highway) Current Posted Speed: (For information only)			km/h	
Divided / Undivided:	Undivided			eed:	80	km/h	
Major / Minor:	Major	Prevailing Sp (85th Percentile		nformation only)		km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	olicy: aximum Posted Speed)	ed)	No policy		

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	2
A2	GEOMETRY (Vertical)	Higher	6
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Lower	3
C1	PEDESTRIAN EXPOSURE	Lower	1
C2	CYCLIST EXPOSURE	Lower	1
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
	Signalized intersection	0	
E1	Roundabout or traffic circle	0	1
	Crosswalk	0	
	Roundabout or traffic circle  Crosswalk  Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	1	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	0	0
Ш	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
Ш	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Lower	1

Total Risk Score:	
20	

### **Recommended Posted** Speed Limit (km/h):

As determined by road characteristics 60 As determined by policy No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



**E**3

F

Number of interchanges along corridor

**ON-STREET PARKING** 

### Automated Speed Limit Guidelines RM A - Automated Speed Limit Guidelines Spreadsheet

Version: 10-Apr-09

		FURI	w A - Automate	a Speed	LIMI	Gu	idelines Spreadsi	ieet 10-2	Apr-us
Nam	e of Corridor:	Black Creek Road							
Segi	ment Evaluated:	uated: Marsh Road to Lake Dore Road							
Geo	graphic Region:	Ontario							
Roa	d Agency:	Township of North A	algona and Wilber	foce					
Roa	d Classification:	Collector		Length	of Co	rrido	or:	7,800	m
Urba	an / Rural:	Rural		Design Expressv			Required for Freeway,		km/h
Divid	ded / Undivided:	Undivided		Current (For infor	Poste	d Spe		80	km/h
Majo	or / Minor:	Major		Prevaili	ng Spe	ed:		72	km/h
# Thi	rough Lanes	1 lane		Policy:			formation only)	No policy	
Per L	Direction:		DIOK	(Maximur	n Poste	d Spe	ed)		
			RISK	Score					
<b>A</b> 1	GEOMETR	Y (Horizontal)	Lower	2					
A2	GEOMET	RY (Vertical)	Lower	2					
А3	A3 AVERAGE LANE WIDTH		Medium	2				Total Risk Score:	
B ROADSIDE HAZARDS		E HAZARDS	Lower	3				21	
C1 PEDESTRIAN EXPOSURE		N EXPOSURE	Lower	1					
C2	CYCLIST	EXPOSURE	Lower	1					
D	PAVEMEN	T SURFACE	Higher	9				Recommended Poster Speed Limit (km/h):	d
		NTERSECTIONS BLIC ROADS	Number of Occurrences				Aso	determined by road charac	teristics
	STOP	controlled intersection	0					70	
		Signalized intersection	0					70	
E1	Rou	indabout or traffic circle	0	1				As determined by policy	<u></u> y
		Crosswalk	0					No policy	
	Active, at-	grade railroad crossing	0					ino policy	
	Sidestreet S	STOP-controlled or lane	1				The recommen	ded posted speed limit may be	<del></del>
		NTERSECTIONS CCESS DRIVEWAYS	Number of Occurrences		checked against the prevailing s roadway and the road's safety p				
E2	Left turn	n movements permitted	0	0	(	Com	ments:		
	I	Right-in / Right-out only	0						
	NUMBER OF I	NTERCHANGES	Number of						

Occurrences

N/A

0

0



**E**3

F

Number of interchanges along corridor

**ON-STREET PARKING** 

# Automated Speed Limit Guidelines FORM A - Automated Speed Limit Guidelines Spreadsheet

Version: 10-Apr-09

				•			· · · · · · · · · · · · · · · · · · ·		•	
Nam	ne of Corridor:	Green Lake Road								
Seg	ment Evaluated:	Black Creek Road to Lemke Road								
Geo	graphic Region:	Ontario								
Roa	d Agency:	Township of North A	nglona Wilberforce	<del></del>						
Roa	d Classification:	Collector		Length	of C	orrido	or:		1,600	m
Urba	an / Rural:	Rural					Required for Free	eway,		km/h
	ded / Undivided:	Undivided		Expressv Current	Post	ed Spe			80	km/h
				(For infor Prevaili						-
-	or / Minor: rough Lanes	Major		(85th Per Policy:	centile	e - for in	formation only)			km/h
	Direction:	1 lane		(Maximu	n Pos	ted Spe	ed)		No policy	
			RISK	Score						
<b>A</b> 1	GEOMETR	Y (Horizontal)	Higher	6						
A2	GEOMET	RY (Vertical)	Higher	6						
А3	A3 AVERAGE LANE WIDTH		Medium	2					Total Risk Score:	
В	B ROADSIDE HAZARDS		Lower	3					29	
C1	PEDESTRIA	N EXPOSURE	Lower	1						-
C2	CYCLIST	EXPOSURE	Lower	1						
D	PAVEMEN	T SURFACE	Medium	6					Recommended Posted Speed Limit (km/h):	
		NTERSECTIONS BLIC ROADS	Number of Occurrences					Aso	determined by road characteri	istics
	STOR	controlled intersection	1						70	
E1		Signalized intersection	0	3					10	
E	Rou	ındabout or traffic circle	0	3					As determined by policy	7
		Crosswalk	0						No policy	
		grade railroad crossing								]
		STOP-controlled or lane	U						led posted speed limit may be	
		NTERSECTIONS CCESS DRIVEWAYS	Number of Occurrences						the prevailing speeds of the eroad's safety performance.	
E2	Left tur	n movements permitted	0	0		Com	ments:			
		Right-in / Right-out only	0							
	NUMBER OF I	NTERCHANGES	Number of							

Occurrences

0

Lower

0



Version: 10-Apr-09

Name of Corridor:	Royal Pines Rd						
Segment Evaluated:	Lake Dore Rd			Highway 60	60		
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Collector	Length of C	orrido	or:	6,200	m	
Urban / Rural:	Rural	Design Spe Expressway, Hi		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)	eed:	80	km/h		
Major / Minor:	Major	0 1	Prevailing Speed: (85th Percentile - for information		88	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	Policy: Maximum Posted Speed)	eed)	No policy		

		RISK	Score
<b>A1</b>	GEOMETRY (Horizontal)	Lower	2
A2	GEOMETRY (Vertical)	Lower	2
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Lower	3
C1	PEDESTRIAN EXPOSURE	Lower	1
C2	CYCLIST EXPOSURE	Medium	2
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
l	Signalized intersection	0	_
E1	Roundabout or traffic circle	0	0
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	Signalized intersection  Roundabout or traffic circle  Crosswalk  O  ive, at-grade railroad crossing  treet STOP-controlled or lane  O  O  O  O  O  O  O  O  O  O  O  O  O	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Lower	1

ted Speed)	No policy	
	Total Risk Score:	
	16	
	Recommended Posted	
	Speed Limit (km/h):	
As o	letermined by road characteri	stics
	70	
	As determined by policy	
	No policy	
checked agair	nded posted speed limit may be ast the prevailing speeds of the he road's safety performance.	
Comments:		



Version: 10-Apr-09

Name of Corridor:	Sperberg Rd						
Segment Evaluated:	Burchat Rd			ake Dore Rd			
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Local	Length of C	orrido	or:	2,100	m	
Urban / Rural:	Rural	Design Spe Expressway, Hi		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Posted Speed: (For information only)	eed:	80	km/h		
Major / Minor:	Major		Prevailing Speed: (85th Percentile - for information only)			km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed		ed)	No policy		

		RISK	Score
<b>A1</b>	GEOMETRY (Horizontal)	Medium	4
A2	GEOMETRY (Vertical)	Lower	2
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Lower	3
C1	PEDESTRIAN EXPOSURE	Lower	1
C2	CYCLIST EXPOSURE	Lower	1
D	PAVEMENT SURFACE	Higher	9
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
l	Signalized intersection	0	_
E1	Roundabout or traffic circle	0	0
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	N/A	0

	Total Risk Score:					
	22					
	Recommended Posted					
	Speed Limit (km/h):					
Asd	As determined by road characteristi					
	60					
	As determined by policy					
	No policy					
The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.						
Comments:						



Version: 10-Apr-09

Name of Corridor:	Walsh's Road						
Segment Evaluated:	Highway 41			Bluebird Road			
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Local	Length of C	orrido	or:	1,900	m	
Urban / Rural:	Rural	Design Spe Expressway, Hi		Required for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Post (For information		eed:	80	km/h	
Major / Minor:	Minor	0 1	evailing Speed: 5th Percentile - for information onl			km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	ed Spe	eed)	No policy		

		RISK	Score
<b>A</b> 1	GEOMETRY (Horizontal)	Lower	2
A2	GEOMETRY (Vertical)	Medium	4
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Lower	3
C1	PEDESTRIAN EXPOSURE	Lower	1
C2	CYCLIST EXPOSURE	Lower	1
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
l	Signalized intersection	0	_
E1	Roundabout or traffic circle	0	0
	Crosswalk	0	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS  STOP controlled intersection Signalized intersection Roundabout or traffic circle Crosswalk Active, at-grade railroad crossing Sidestreet STOP-controlled or lane	0	
	Sidestreet STOP-controlled or lane	0	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	_
E2	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	N/A	0

### **Total Risk Score:** 16

### **Recommended Posted** Speed Limit (km/h):

As determined by road characteristics As determined by policy No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Plat width: 5.2 m, and Surface width- 4.2 m, Gravel Road with 2-3 hosues/cottages



Version: 10-Apr-09

Name of Corridor:	Jessup Road						
Segment Evaluated:	Bulger Road (County Road 9)			Dead End			
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Local	Length of C	orrido	or:	2,800	m	
Urban / Rural:	Rural	Design Spe Expressway, Hi	gn Speed: (Required for Freeway, ssway, Highway)	•		km/h	
Divided / Undivided:	Undivided	Current Poste (For information		eed:	80	km/h	
Major / Minor:	Minor	0 1	evailing Speed: th Percentile - for information only) licy: aximum Posted Speed)		80	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post			No policy		

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	2
A2	GEOMETRY (Vertical)	Lower	2
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Medium	6
C1	PEDESTRIAN EXPOSURE	Medium	2
C2	CYCLIST EXPOSURE	Lower	1
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
l	Signalized intersection	0	
E1	Roundabout or traffic circle	0	1
	Crosswalk	0	
	GEOMETRY (Vertical)  AVERAGE LANE WIDTH  ROADSIDE HAZARDS  PEDESTRIAN EXPOSURE  CYCLIST EXPOSURE  PAVEMENT SURFACE  NUMBER OF INTERSECTIONS WITH PUBLIC ROADS  STOP controlled intersection Roundabout or traffic circle Crosswall  Active, at-grade railroad crossing Sidestreet STOP-controlled or lane NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS  Left turn movements permitted Right-in / Right-out only  NUMBER OF INTERCHANGES	0	
	Sidestreet STOP-controlled or lane	1	
		Number of Occurrences	
E2	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Medium	2

Total Risk Score:					
21					
Recommended Posted					

Speed Limit (km/h): As determined by road characteristics As determined by policy No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

The width of the road is 6.8m,



Version: 10-Apr-09

Name of Corridor:	Cold Creek Rd						
Segment Evaluated:	Letts Cemetery Rd			Mink Lake Rd			
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Local	Length of C	orrido	or:	2,000	m	
Urban / Rural:	Rural	Design Spe Expressway, Hi	Deed: (Required for Freeway, Highway)			km/h	
Divided / Undivided:	Undivided		Current Posted Speed: For information only)	eed:	80	km/h	
Major / Minor:	Minor	Prevailing Sp (85th Percentile		formation only)		km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	ed Spe	eed)	No policy		

		RISK	Score
<b>A</b> 1	GEOMETRY (Horizontal)	Lower	2
A2	GEOMETRY (Vertical)	Medium	4
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Lower	3
C1	PEDESTRIAN EXPOSURE	Lower	1
C2	CYCLIST EXPOSURE	Lower	1
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
_,	Signalized intersection	0	
E1	Roundabout or traffic circle	0	0
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
_	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	N/A	0

	Total Risk Score:	
	16	
	·	
	Recommended Posted Speed Limit (km/h):	
As d	etermined by road characteristics	,
	60	
	As determined by policy	

No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



Number of interchanges along corridor

**ON-STREET PARKING** 

F

0

N/A

# Automated Speed Limit Guidelines FORM A - Automated Speed Limit Guidelines Spreadsheet

Version: 10-Apr-09

							•			
Nam	ne of Corridor:	Cold Creek Rd								
Segment Evaluated: Bulger Road			to Shaw Woods Road							
Geo	graphic Region:	Ontario								
Roa	d Agency:	Township of North A	lgona and Wilber	force						
Roa	d Classification:	Local		Length	of C	orrido	or:	2,00	0	m
Urba	an / Rural:	Rural		Design Expressv			Required for Freeway,	,		km/h
Divid	ded / Undivided:	Undivided		Current	Post	ed Sp		80		km/h
Maio	or / Minor:	Minor		(For infor Prevaili	ng Sp	eed:				km/h
# Th	rough Lanes	1 lane		Policy:			formation only)	No po	olicv	
Per I	Direction:	1 15011	5:5:4	(Maximu	n Post	ted Spe	eed)			
			RISK	Score	Ī					
<b>A</b> 1	GEOMETR	Y (Horizontal)	Lower	2						
A2	GEOMET	RY (Vertical)	Medium	4						
А3	AVERAGE	LANE WIDTH	Medium	2					Total Risk Score:	
В	ROADSID	E HAZARDS	Lower	3					16	
C1	PEDESTRIA	N EXPOSURE	Lower	1						_
C2	CYCLIST	EXPOSURE	Lower	1						
D	PAVEMEN	T SURFACE	Lower	3					ecommended Posted Speed Limit (km/h):	
		NTERSECTIONS BLIC ROADS	Number of Occurrences				,		mined by road characte	ristics
	STOF	controlled intersection	0							
		Signalized intersection	0						60	
E1	Rou	undabout or traffic circle	0	0				A	s determined by policy	<b></b>
		Crosswalk	0						No policy	
	Active, at	-grade railroad crossing	0						140 policy	
	Sidestreet S	STOP-controlled or lane	0						sted speed limit may be	
		NTERSECTIONS CCESS DRIVEWAYS	Number of Occurrences						revailing speeds of the 's safety performance.	
E2	Left tur	n movements permitted	0	0		Com	ments:			
		Right-in / Right-out only	0							
	NUMBER OF I	NTERCHANGES	Number of							

0



Version: 10-Apr-09

Name of Corridor:	Tramore Road						
Segment Evaluated:	Highway 60			Haggarty/ Richards Boundary			
Geographic Region:	Ontario						
Road Agency:	North Algona Wilberforce						
Road Classification:	Collector	Length of C	orrido	or:	2,000	m	
Urban / Rural:	Rural	Design Spe Expressway, H		equired for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Post (For information	•	eed:	80	km/h	
Major / Minor:	Major	Prevailing Sp (85th Percentile		formation only)	74	km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	sted Speed)		No policy		

		RISK	Score
<b>A1</b>	GEOMETRY (Horizontal)	Higher	6
A2	GEOMETRY (Vertical)	Higher	6
А3	AVERAGE LANE WIDTH	Lower	1
В	ROADSIDE HAZARDS	Medium	6
C1	PEDESTRIAN EXPOSURE	Medium	2
C2	CYCLIST EXPOSURE	Medium	2
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
l	Signalized intersection	0	
E1	Roundabout or traffic circle	0	1
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	1	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	3	1
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Medium	2

**Total Risk Score:** 30

**Recommended Posted** Speed Limit (km/h):

As determined by road characteristics

As determined by policy

No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Surface width- 6.8m, Cottages, and Houses near Highway



Version: 10-Apr-09

Name of Corridor:	McMillan Road							
Segment Evaluated:	Highway 60			Dead End				
Geographic Region:	Ontario							
Road Agency:	North Algona Wilberforce							
Road Classification:	Local	Length of C	orrido	or:	1,600	m		
Urban / Rural:	Rural	Design Spe Expressway, Hi	,	Required for Freeway,		km/h		
Divided / Undivided:	Undivided	Current Post (For information	t Posted Speed:	eed:	60	km/h		
Major / Minor:	Minor	Prevailing Sp (85th Percentile		formation only)	68	km/h		
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	ed Spe	eed)	No policy			

A1 GEOMETRY (Horizontal) Lower 2  A2 GEOMETRY (Vertical) Higher 6  A3 AVERAGE LANE WIDTH Lower 1  B ROADSIDE HAZARDS Medium 6  C1 PEDESTRIAN EXPOSURE Medium 2  C2 CYCLIST EXPOSURE Medium 2  D PAVEMENT SURFACE Lower 3  NUMBER OF INTERSECTIONS WITH PUBLIC ROADS STOP controlled intersection 0  Signalized intersection 0  Roundabout or traffic circle 0  Crosswalk 0  Active, at-grade railroad crossing 0  Sidestreet STOP-controlled or lane 1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS Occurrences  Left turn movements permitted 0  Right-in / Right-out only 0  Number of Occurrences Occurrences  Number of Interchanges Along corridor 0  F ON-STREET PARKING Medium 2	rei L	Direction:		(iviaximu	
A2 GEOMETRY (Vertical) Higher 6  A3 AVERAGE LANE WIDTH Lower 1  B ROADSIDE HAZARDS Medium 6  C1 PEDESTRIAN EXPOSURE Medium 2  C2 CYCLIST EXPOSURE Medium 2  D PAVEMENT SURFACE Lower 3  NUMBER OF INTERSECTIONS WITH PUBLIC ROADS STOP controlled intersection 0  Signalized intersection 0  Roundabout or traffic circle 0  Crosswalk 0  Active, at-grade railroad crossing 0  Sidestreet STOP-controlled or lane 1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS Left turn movements permitted Right-in / Right-out only 0  NUMBER OF INTERCHANGES Number of Occurrences Occurr			RISK	Score	
A3 AVERAGE LANE WIDTH Lower 1  B ROADSIDE HAZARDS Medium 6  C1 PEDESTRIAN EXPOSURE Medium 2  C2 CYCLIST EXPOSURE Medium 2  D PAVEMENT SURFACE Lower 3  NUMBER OF INTERSECTIONS WITH PUBLIC ROADS STOP controlled intersection 0  Signalized intersection 0  Roundabout or traffic circle 0  Crosswalk 0  Active, at-grade railroad crossing 0  Sidestreet STOP-controlled or lane 1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS Left turn movements permitted 0  Right-in / Right-out only 0  Number of Occurrences 0  Number of Occurrences 0  Number of Occurrences 0  Number of Occurrences 0  Number of Interchanges 1  Number of Occurrences 0  Number of Occurrences 0  Number of Interchanges 1  Number of Interchanges 1  Number of Interchanges 1	A1	GEOMETRY (Horizontal)	Lower	2	
B ROADSIDE HAZARDS Medium 6  C1 PEDESTRIAN EXPOSURE Medium 2  C2 CYCLIST EXPOSURE Medium 2  D PAVEMENT SURFACE Lower 3  NUMBER OF INTERSECTIONS Number of Occurrences  STOP controlled intersection 0  Signalized intersection 0  Roundabout or traffic circle 0  Crosswalk 0  Active, at-grade railroad crossing 0  Sidestreet STOP-controlled or lane 1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS  Left turn movements permitted 0  Right-in / Right-out only 0  Number of Occurrences  Number of interchanges along corridor 0	A2	GEOMETRY (Vertical)	Higher	6	
C1 PEDESTRIAN EXPOSURE Medium 2  C2 CYCLIST EXPOSURE Medium 2  D PAVEMENT SURFACE Lower 3  NUMBER OF INTERSECTIONS WITH PUBLIC ROADS STOP controlled intersection 0 Signalized intersection 0 Roundabout or traffic circle 0 Crosswalk 0 Active, at-grade railroad crossing 0 Sidestreet STOP-controlled or lane 1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS Left turn movements permitted 0 Right-in / Right-out only 0  NUMBER OF INTERCHANGES Number of Occurrences Occurr	А3	AVERAGE LANE WIDTH	Lower	1	
C2   CYCLIST EXPOSURE   Medium   2	В	ROADSIDE HAZARDS	Medium	6	
D PAVEMENT SURFACE Lower 3  NUMBER OF INTERSECTIONS Number of Occurrences STOP controlled intersection 0 Signalized intersection 0 Roundabout or traffic circle 0 Crosswalk 0 Active, at-grade railroad crossing 0 Sidestreet STOP-controlled or lane 1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS Left turn movements permitted 0 Right-in / Right-out only 0  Number of Occurrences Number of interchanges along corridor 0	C1	PEDESTRIAN EXPOSURE	Medium	2	
NUMBER OF INTERSECTIONS   Number of Occurrences	C2	CYCLIST EXPOSURE	Medium	2	
WITH PUBLIC ROADS   Occurrences	D	PAVEMENT SURFACE	Lower	3	
Signalized intersection					
Roundabout or traffic circle		STOP controlled intersection	0		
Crosswalk  Active, at-grade railroad crossing  Sidestreet STOP-controlled or lane  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS  Left turn movements permitted  Right-in / Right-out only  NUMBER OF INTERCHANGES  Number of Occurrences  Number of Occurrences  O  Number of Occurrences  Number of Occurrences  O  Number of Occurrences	l l	Signalized intersection	0		
Active, at-grade railroad crossing Sidestreet STOP-controlled or lane  1  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS  Left turn movements permitted Right-in / Right-out only  NUMBER OF INTERCHANGES Number of Occurrences  Number of interchanges along corridor  Number of Occurrences  0	E1	Roundabout or traffic circle	0	1	
Sidestreet STOP-controlled or lane  NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS  Left turn movements permitted  Right-in / Right-out only  NUMBER OF INTERCHANGES  Number of Occurrences  Number of interchanges along corridor  Number of interchanges along corridor		Crosswalk	0		
E2    NUMBER OF INTERSECTIONS   Number of Occurrences		Active, at-grade railroad crossing	0		
E2  WITH PRIVATE ACCESS DRIVEWAYS  Left turn movements permitted  Right-in / Right-out only  NUMBER OF INTERCHANGES  Number of Occurrences  Number of interchanges along corridor  Number of interchanges along corridor		Sidestreet STOP-controlled or lane	1		
E3 NUMBER OF INTERCHANGES  Number of interchanges along corridor  Number of interchanges along corridor	-				
E3 NUMBER OF INTERCHANGES Number of Occurrences Number of interchanges along corridor 0	EZ	Left turn movements permitted	0	0	
ROWBER OF INTERCHANGES Occurrences 0  Number of interchanges along corridor 0		Right-in / Right-out only	0		
3 3	E3	NUMBER OF INTERCHANGES		0	
F ON-STREET PARKING Medium 2		Number of interchanges along corridor	0		
	F	ON-STREET PARKING	Medium	2	

Total Risk Sco	re:
25	

### **Recommended Posted** Speed Limit (km/h):

As determined by road characteristics As determined by policy No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Plat width: 7.7m, and Surface width- 6.7m, Cottages, and Houses near Highway 60



Version: 10-Apr-09

Name of Corridor:	Island View Drive							
Segment Evaluated:	Highway 60			Dead End				
Geographic Region:	Ontario							
Road Agency:	North Algona Wilberforce							
Road Classification:	Local	Length of C	orrido	or:	1,400	m		
Urban / Rural:	Rural		esign Speed: (Required for Freeway, pressway, Highway)		80	km/h		
Divided / Undivided:	Undivided		Current Posted Speed: For information only)	eed:	80	km/h		
Major / Minor:	Minor	0 1	Prevailing Speed: (85th Percentile - for information only)			km/h		
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	ted Spe	eed)	No policy			

		RISK	Score
		RISK	Score
<b>A</b> 1	GEOMETRY (Horizontal)	Higher	6
<b>A2</b>	GEOMETRY (Vertical)	Lower	2
А3	AVERAGE LANE WIDTH	Lower	1
В	ROADSIDE HAZARDS	Medium	6
C1	PEDESTRIAN EXPOSURE	Medium	2
C2	CYCLIST EXPOSURE	Medium	2
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
	Signalized intersection	0	
E1	Roundabout or traffic circle	0	1
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	1	
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
E2	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	Medium	2

**Total Risk Score:** 

25

**Recommended Posted** Speed Limit (km/h):

As determined by road characteristics

60

As determined by policy

No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Plat width: 6.5m, and Surface width- 5.5m, Cottages, and Camp Site- Red Pine



Version: 10-Apr-09

Name of Corridor:	Germanicus Road							
Segment Evaluated:	Highway 41			Royal Pines Road				
Geographic Region:	Ontario							
Road Agency:	Township of North Algona and Wilberforce							
Road Classification:	Collector	Length of C	orrido	or:	5,600	m		
Urban / Rural:	Rural		Design Speed: (Required for Freeway, Expressway, Highway)			km/h		
Divided / Undivided:	Undivided		Current Posted Speed: (For information only)	eed:	80	km/h		
Major / Minor:	Major		revailing Speed: 5th Percentile - for information only)			km/h		
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)		ed)	No policy			

		RISK	Score	
<b>A1</b>	GEOMETRY (Horizontal)	Lower	2	
<b>A2</b>	GEOMETRY (Vertical)	Medium	4	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Medium	2	
D	PAVEMENT SURFACE	Lower	3	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	_	
	STOP controlled intersection	0		
l	Signalized intersection	0		
E1	Roundabout or traffic circle	0	1	
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	2		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Lower	1	

 Total Risk Score:	
19	
	_

**Recommended Posted** 

Speed Limit (km/h): As determined by road characteristics As determined by policy No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Plat width: 6.7m, and Surface width- 5.7m, Highway Maintenance Depot



Version: 10-Apr-09

Name of Corridor:	Mink Lake Rd							
Segment Evaluated:	Highway 41			Point Church Dr	Church Dr			
Geographic Region:	Ontario							
Road Agency:	Township of North Algona and Wilberforce							
Road Classification:	Local	Length of C	orrido	or:	700	m		
Urban / Rural:	Rural	Design Speed: (Required for Free Expressway, Highway)			km/h			
Divided / Undivided:	Undivided	Current Post (For information		eed:	80	km/h		
Major / Minor:	Minor	Prevailing Speed: (85th Percentile - for information only) Policy: (Maximum Posted Speed)		formation only)	93	km/h		
# Through Lanes Per Direction:	1 lane			eed)	No policy			

		RISK	Score	
<b>A1</b>	GEOMETRY (Horizontal)	Lower	2	
A2	GEOMETRY (Vertical)	Higher	6	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Lower	1	
D	PAVEMENT SURFACE	Higher	9	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences		
	STOP controlled intersection	0		
1	Signalized intersection	0	_	
E1	Roundabout or traffic circle	0	0	
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	0		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Lower	1	

ed Speed: n only)	80	km/h
peed: e - for information only)	93	km/h
ted Speed)	No policy	
	Total Risk Score:	1
	25	
		•
	Recommended Posted	
	Speed Limit (km/h):	
	As determined by road characteri	stics
	As determined by road characteri	stics
		stics
	60	stics
The reco checked	As determined by policy  No policy  mmended posted speed limit may be against the prevailing speeds of the	stics
The reco checked roadway	As determined by policy  No policy  mmended posted speed limit may be	stics
The reco checked	As determined by policy  No policy  mmended posted speed limit may be against the prevailing speeds of the	stics
The reco checked roadway	As determined by policy  No policy  mmended posted speed limit may be against the prevailing speeds of the	stics



F

**ON-STREET PARKING** 

## Automated Speed Limit Guidelines FORM A - Automated Speed Limit Guidelines Spreadsheet

Version: 10-Apr-09

		. •		и ороси			aominos oproador	107.01	-
Name of Corridor: Mink Lake Rd									
Segi	ment Evaluated:	Snodrifters Rd				to	Highway 60		
Geo	graphic Region:	Ontario							
Roa	d Agency:	Township of North A	algona Wilberford	е					
Road Classification: Local			Length of Corridor:		or:	2,900	m		
Urba	n / Rural:	Rural					Required for Freeway,		km/h
Divid	ded / Undivided:	Undivided		Expressv Current	Post	ed Sp	eed:	50	km/h
Maio	or / Minor:	Minor		(For infor Prevaili	ng Sp	eed:			km/h
# Th	ough Lanes	1 lane		(85th Per Policy:	centile	e - for ir	nformation only)	No policy	
Per [	Direction:	1 laile	RISK	(Maximui	n Pos	ted Spe	eed)	тчо ролсу	
<b>A</b> 1	GEOMETR	Y (Horizontal)	Higher	6					
<b>A2</b>	GEOMETI	RY (Vertical)	Lower	2					
А3	AVERAGE I	LANE WIDTH	Higher	3				Total Risk Score:	
В	ROADSIDI	E HAZARDS	Higher	9				33	
C1	PEDESTRIA	N EXPOSURE	Higher	3					J
C2	CYCLIST	EXPOSURE	Higher	3					
D	PAVEMEN	T SURFACE	Lower	3				Recommended Posted	
								Speed Limit (km/h):	
		NTERSECTIONS SLIC ROADS	Number of Occurrences				As	determined by road character	stics
	STOP	controlled intersection	0					60	
l		Signalized intersection	0					60	
E1	Roui	ndabout or traffic circle	0	1				As determined by policy	
		Crosswalk	0					No policy	
	Active, at-	grade railroad crossing	0					140 policy	
Sidestreet S		TOP-controlled or lane	3					ded posted speed limit may be	
		NTERSECTIONS CCESS DRIVEWAYS	Number of Occurrences					at the prevailing speeds of the e road's safety performance.	
E2	Left turn	movements permitted	0	0		Com	ments:		
	F	Right-in / Right-out only	0						
E3	NUMBER OF I	NTERCHANGES	Number of Occurrences	0					
	Number of interes	changes along corridor	0						

3

Higher



Version: 10-Apr-09

Name of Corridor:	Crooked Rapids Rd							
Segment Evaluated:	Highway 41			Highway 60	ighway 60			
Geographic Region:	Ontario							
Road Agency:	Township of North Algona and Wilberfoce							
Road Classification:	Local	Length of C	orrido	or:	4,000	m		
Urban / Rural:	Rural	Design Spe Expressway, Hi	,	Required for Freeway,		km/h		
Divided / Undivided:	Undivided	Current Post (For information		eed:	80	km/h		
Major / Minor:	Minor	Prevailing Speed: (85th Percentile - for inform	formation only)	72	km/h			
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Posted Speed)		ed)	No policy			

		RISK	Score	
A1	GEOMETRY (Horizontal)	Medium	4	
A2	GEOMETRY (Vertical)	Medium	4	
А3	AVERAGE LANE WIDTH	Higher	3	
В	ROADSIDE HAZARDS	Medium	6	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Medium	2	
D	PAVEMENT SURFACE	Medium	6	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences		
	STOP controlled intersection	0	0	
	Signalized intersection	0		
E1	Roundabout or traffic circle	0		
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	0		
_	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	N/A	0	

Recommended Posted Speed Limit (km/h):
As determined by road characteristic
60
As determined by policy
No policy
The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.
:



Version: 10-Apr-09

Name of Corridor:	Grist Mill Rd						
Segment Evaluated:	: Highway 60		to	Bonnechere River	r		
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Collector	Length of Corridor:		or:	6,600	m	
Urban / Rural:	Rural	(For information only) Prevailing Speed:				km/h	
Divided / Undivided:	Undivided			Current Posted Speed: (For information only)	eed:	80	km/h
Major / Minor:	Major			Prevailing Speed: (85th Percentile - for information only)		formation only)	86
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post	ted Spe	eed)	No policy		

		RISK	Score	
A1	GEOMETRY (Horizontal)	Lower	2	
A2	GEOMETRY (Vertical)	Medium	4	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Medium	2	
D	PAVEMENT SURFACE	Lower	3	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences		
	STOP controlled intersection	0		
	Signalized intersection	0		
E1	Roundabout or traffic circle	0	1	
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	2		
_	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Lower	1	

	Total Risk Score:	
	19	
	Recommended Posted Speed Limit (km/h):	
s c	etermined by road characteri	stic
	70	
	As determined by policy	
	No policy	

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.



### Automated Speed Limit Guidelines

Version:

FUI			vi A - Automate	a Speea	Limit	Juic	delines Spreadsr	1 <b>eet</b> 1	0-Apr-C	09
Nam	ne of Corridor:	Letts Cemetery Rd								
Segi	ment Evaluated:	Highway 41		to Bruce St						
Geo	graphic Region:	Ontario								
Roa	d Agency:									
Roa	d Classification:	Collector		Length	of Corr	ridor	r:	4,000		m
Urba	an / Rural:	Rural		Design Speed: (Required for Freeway, Expressway, Highway)				km/h		
Divid	ded / Undivided:	Undivided		Current	Posted	Spe	ed:	80		km/h
Maio	or / Minor:	Major		Prevaili	mation on ng Spee	ed:		99		km/h
# Thi	rough Lanes	1 lane		Policy:			ormation only)	No policy		
Per [	Direction:			. ,	n Posted	Spee	ed)	,		
			RISK	Score						
A1	GEOMETR	Y (Horizontal)	Lower	2						
A2	GEOMET	RY (Vertical)	Higher	6						
А3	AVERAGE	LANE WIDTH	Lower	1				Total Risk Score:	:	
В	ROADSID	E HAZARDS	Lower	3				21		
C1	PEDESTRIA	N EXPOSURE	Medium	2						
C2	CYCLIST	EXPOSURE	Medium	2						
D	PAVEMEN	T SURFACE	Lower	3				Recommended Post Speed Limit (km/h		
		NTERSECTIONS BLIC ROADS	Number of Occurrences				Aso	determined by road char	acteris	stics
	STOP	controlled intersection	0					70		
1		Signalized intersection	0					70		
E1	Rou	ndabout or traffic circle	0	1				As determined by pol	licy	
		Crosswalk	0					No policy		
	Active, at-	grade railroad crossing	0					140 policy		
	Sidestreet S	TOP-controlled or lane	2					nded posted speed limit may		
		NTERSECTIONS CCESS DRIVEWAYS	Number of Occurrences					nst the prevailing speeds of the the road's safety performance.		
E2	Left turn	movements permitted	0	0	Co	omn	ments:			
	F	Right-in / Right-out only	0							
E3		NTERCHANGES	Number of Occurrences	0						
	Number of inter	changes along corridor	0							

Lower

**ON-STREET PARKING** 



Version: 10-Apr-09

Name of Corridor:	Snodrifters Rd						
Segment Evaluated:	: Mink Lake Rd		to	Letts Cemetery Rd			
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberf						
Road Classification:	Local	Length of Corridor:		or:	1,900	m	
Urban / Rural:	Rural	Design Speed: (Required for Freeway, Expressway, Highway) Current Posted Speed: (For information only) Prevailing Speed: (85th Percentile - for information only) Policy: (Maximum Posted Speed)		•		km/h	
Divided / Undivided:	Undivided			eed:	80	km/h	
Major / Minor:	Minor			formation only)		km/h	
# Through Lanes Per Direction:	1 lane			Policy:	ed)	No policy	

		RISK	Score
A1	GEOMETRY (Horizontal)	Lower	2
A2	GEOMETRY (Vertical)	Medium	4
А3	AVERAGE LANE WIDTH	Medium	2
В	ROADSIDE HAZARDS	Lower	3
C1	PEDESTRIAN EXPOSURE	Lower	1
C2	CYCLIST EXPOSURE	Lower	1
D	PAVEMENT SURFACE	Lower	3
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	
	STOP controlled intersection	0	
	Signalized intersection	0	_
E1	Roundabout or traffic circle	0	0
	Crosswalk	0	
	Active, at-grade railroad crossing	0	
	Sidestreet STOP-controlled or lane	0	
F2	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences	
EZ	Left turn movements permitted	0	0
	Right-in / Right-out only	0	
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0
	Number of interchanges along corridor	0	
F	ON-STREET PARKING	N/A	0

	Total Risk Score:	
	Recommended Posted Speed Limit (km/h):	
As d	letermined by road characteris	stics
	60	
	As determined by policy	
	No policy	
checked again	nded posted speed limit may be not the prevailing speeds of the he road's safety performance.	
:		



Version: 10-Apr-09

Name of Corridor:	Snodrifters Rd						
Segment Evaluated:	: Letts Cemetery Rd		to	Highway 41			
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Local	Length of Corridor:		or:	1,650	m	
Urban / Rural:	Rural	Design Speed: (Requ Expressway, Highway) Current Posted Speed (For information only) Prevailing Speed: (85th Percentile - for inform				km/h	
Divided / Undivided:	Undivided			eed:	80	km/h	
Major / Minor:	Minor					formation only)	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post			No policy		

		RISK	Score	
A1	GEOMETRY (Horizontal)	Lower	2	
A2	GEOMETRY (Vertical)	Lower	2	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Medium	2	
D	PAVEMENT SURFACE	Lower	3	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	_	
	STOP controlled intersection	0		
l	Signalized intersection	0	_	
E1	Roundabout or traffic circle	0	0	
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	0		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	N/A	0	

	Total Risk Score:	
	15	
		J
	Recommended Posted	
	Speed Limit (km/h):	
Aso	letermined by road characteri	stics
	60	
	As determined by policy	
	No policy	
		l
	nded posted speed limit may be nst the prevailing speeds of the	
•	he road's safety performance.	
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Version: 10-Apr-09

Name of Corridor:	Sell Road						
Segment Evaluated:	Highway 41			Township Border tov	der towards Blue Bird Road		
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Local	Length of C	orrido	or:	1,600	m	
Urban / Rural:	Rural	Design Spe Expressway, Hi		lequired for Freeway,		km/h	
Divided / Undivided:	Undivided	Current Post	ed Spe		80	km/h	
Major / Minor:	Minor	Prevailing Sp (85th Percentile		formation only)		km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Post		**	No policy		

			(IVIAXIIII	
		RISK	Score	
<b>A1</b>	GEOMETRY (Horizontal)	Lower	2	
A2	GEOMETRY (Vertical)	Lower	2	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Medium	2	
C2	CYCLIST EXPOSURE	Lower	1	
D	PAVEMENT SURFACE	Lower	3	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	1	
	STOP controlled intersection	0		
	Signalized intersection	0		
E1	Roundabout or traffic circle	0		
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	1		
1	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	Medium	2	

	Total Risk Score:	
	18	
L		

### **Recommended Posted** Speed Limit (km/h):

As determined by road characteristics 60 As determined by policy No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Asphalt Road, Residential area near Highway 41, followed by wooded area



Version: 10-Apr-09

Name of Corridor:	Berndt Road						
Segment Evaluated:	Highway 60		to	Roesler Road	pesler Road		
Geographic Region:	Ontario						
Road Agency:	Township of North Algona and Wilberforce						
Road Classification:	Collector	Length of Corridor: Design Speed: (Required for Freeway, Expressway, Highway) Current Posted Speed: (For information only)			2,200	m	
Urban / Rural:	Rural					km/h	
Divided / Undivided:	Undivided				80	km/h	
Major / Minor:	Major	Prevailing Sp (85th Percentile	ailing Speed: Percentile - for information only)	formation only)		km/h	
# Through Lanes Per Direction:	1 lane	Policy: (Maximum Pos	cy: kimum Posted Speed)		No policy		

		DIOI	(Waxiiiu	
		RISK	Score	
A1	GEOMETRY (Horizontal)	Lower	2	
A2	GEOMETRY (Vertical)	Medium	4	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Lower	1	
D	PAVEMENT SURFACE	Lower	3	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	0	
	STOP controlled intersection	0		
	Signalized intersection	0		
E1	Roundabout or traffic circle	0		
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	0		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	N/A	0	

Total Risk Score:				
16				

**Recommended Posted** Speed Limit (km/h): As determined by road characteristics As determined by policy

No policy

The recommended posted speed limit may be checked against the prevailing speeds of the roadway and the road's safety performance.

### Comments:

Plat width: 7.4m, and Surface width- 6.4m



Version: 10-Apr-09

Name of Corridor:	Burchat Rd					
Segment Evaluated:	Springer Rd		to	Trail Blazers Rd		
Geographic Region:	Ontario					
Road Agency:	Township of North Algona and Wilberforce					
Road Classification:	Collector	Length of Corridor:		or:	2,500	m
Urban / Rural:	Rural		esign Speed: (Required for Freeway, pressway, Highway)			km/h
Divided / Undivided:	Undivided	Current Posted Speed: (For information only) Prevailing Speed: (85th Percentile - for information Policy: (Maximum Posted Speed)	eed:	80	km/h	
Major / Minor:	Major			formation only)		km/h
# Through Lanes Per Direction:	1 lane		eed)	No policy		

		RISK	Score	
A1	GEOMETRY (Horizontal)	Lower	2	
A2	GEOMETRY (Vertical)	Lower	2	
А3	AVERAGE LANE WIDTH	Medium	2	
В	ROADSIDE HAZARDS	Lower	3	
C1	PEDESTRIAN EXPOSURE	Lower	1	
C2	CYCLIST EXPOSURE	Lower	1	
D	PAVEMENT SURFACE	Higher	9	
	NUMBER OF INTERSECTIONS WITH PUBLIC ROADS	Number of Occurrences	_	
	STOP controlled intersection	0		
l	Signalized intersection	0	_	
E1	Roundabout or traffic circle	0	0	
	Crosswalk	0		
	Active, at-grade railroad crossing	0		
	Sidestreet STOP-controlled or lane	0		
	NUMBER OF INTERSECTIONS WITH PRIVATE ACCESS DRIVEWAYS	Number of Occurrences		
E2	Left turn movements permitted	0	0	
	Right-in / Right-out only	0		
E3	NUMBER OF INTERCHANGES	Number of Occurrences	0	
	Number of interchanges along corridor	0		
F	ON-STREET PARKING	N/A	0	

	Total Risk Score:	_
	20	
		l
	Recommended Posted	
	Speed Limit (km/h):	
As o	letermined by road characteri	stics
	70	
	A a data masima ad lass madiass	
	As determined by policy	1
	No policy	
checked again	nded posted speed limit may be ast the prevailing speeds of the he road's safety performance.	I
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