

## THE CORPORATION OF THE TOWNSHIP OF NIPISSING

### BY-LAW NUMBER 2019-41

Being a By-Law to adopt Minimum Maintenance Standards for Municipal Highways

**WHEREAS** Section 44(1) of the *Municipal Act*, R.S.O. 2001, states that municipalities shall keep all highways and bridges under its jurisdiction in a state of repair that is reasonable in the circumstances including the character and location of the highway or bridge;

**AND WHEREAS** Section 44(4) of the *Municipal Act*, R.S.O. 2001, states that the Minister of Transportation may make regulations establishing minimum standards of repair for highways and bridges or any class of them;

**AND WHEREAS** the Minister has done so in Ontario Regulation 239/02 Minimum Maintenance Standards for Municipal Highways (MMS), by prescribing standards for Classes 1 through 6 highways, based on the speed limit applicable to it and the average daily traffic on it;

**AND WHEREAS** the Township of Nipissing passed By-Law Number 2013-39 authorizing the speed limit of sixty (60) kilometers per hour for all unposted roads under its jurisdiction;

**NOW THEREFORE** the Council of The Corporation of the Township of Nipissing enacts as follows:

#### **Part 1 – Definitions**

**CITATION AND SCHEDULES:** This By-Law shall be cited as the “Township of Nipissing Road Status and Maintenance By-Law”.

**Schedule A**, being Ontario Regulation 239/02 and any amendment thereto, is hereby incorporated by reference into this By-Law.

**Schedule B** showing Public Roads, average annual daily vehicle counts and the Class of various roads is annexed to and forms part of this By-Law.

**Schedule C** being the Winter Operation Plan and Deployment Procedure for the Township of Nipissing, annexed to and forms part of this By-Law.

**Schedule D** being the Winter Patrol Procedures and Winter Patrol Records for the South and North Roads, annexed to and forms part of this By-Law.

**Schedule E** being the Winter Operations Plow Routes for the Township of Nipissing, annexed to and forms part of this By-Law.

**Schedule F** being the Winter Patrol roads for the Township of Nipissing, annexed to and forms part of this By-Law.

- 1.1 **Public Road** – means a “highway” within the meaning of the *Municipal Act* of Ontario, 2001, as amended, which is under the jurisdiction of the Township of Nipissing.
- 1.2 **Public Road Allowance** – means an allowance for a road surveyed by the original Crown surveyors of the Township or subsequently conveyed and dedicated as a Public Road that is located within the Township of Nipissing and which is recorded in the records of the Land Registry Office as being owned by the Corporation of the Township of Nipissing or the municipality having jurisdiction over such road allowance.
- 1.3 **Private Road** – means a road that is neither owned nor maintained by the municipality.
- 1.4 **Significant Weather Event** – means an approaching or occurring weather hazard with the potential to pose a significant danger to users of the highways within a municipality.
- 1.5 **Weather Hazard** – means the weather hazards determined by Environment Canada as meeting the criteria for the issuance of an alert under its Public Weather Alerting Program.

**Part 2 - General**

- 2.1 **ROAD CLASSIFICATION:** Public Roads within the Township shall be classified as per Schedule A, based on the following two factors:
- a. Maximum speed limit – as defined by the Township’s Speed Limit on Municipal Roads By-Law 2013-39.
  - b. Vehicle Use – as defined by the Average Annual Daily Traffic (AADT), counted once every five (5) years by the Township. For roads with high seasonal vehicle use, AADT will be counted in both the summer months and in the off-season, and assigned the more restrictive class based on the higher of the two traffic counts.
- 2.2 **POLICY PRINCIPLES:** In carrying out its responsibilities to maintain Public Roads and bridges, the Township will adhere to the following:
- a. Operational activities of the Roads Department shall be directed to maintain the Township’s Public Roads to the prescribed standards herein. Care shall be taken first to assure that the standards of the MMS are maintained and secondly that such services are efficiently and effectively rendered.
  - b. Neither this Township nor its officials make any promises or assurance that Public Roads or any Public Road in particular will be maintained in excess of the minimum standards herein defined now or in the future. The fact that the Township may, and indeed hopes, to exceed those standards, when the resources available permit it to do so, does not change the standards prescribed herein.
  - c. The standards and road classifications shall be made publicly available to ratepayers and other users of the municipal road network. Council will review concerns about the standards and their implementation within a reasonable time when they are brought to its attention.
  - d. Budgets and Council priorities shall be set on the basis that the minimum maintenance standards prescribed herein must be met.
  - e. Where the Township is asked to upgrade the maintenance standards of a particular Public Road, it will generally do so on the basis that the average annual daily usage of the road has significantly increased and places it in a higher Class as prescribed in Schedule A.
  - f. Where the Township is asked to accept a Private Road into the municipal road system, and agrees in principle to do so, it will generally require the proponents to first bring the road to specified standards as to design, roadbed, and surface, at the proponents’ own expense.

2.4 SIGNIFICANT WEATHER EVENT: When a Weather Hazard occurs that meets the criteria for the issuance of an alert under the Public Weather Alerting Program by Environment Canada, the Operations Superintendent or Designate shall monitor the weather. (O. Reg 239/02 (4.1))

The Operations Superintendent or Designate shall have the designated authority to declare a significant weather event and deploy the public works crew as soon as practicable with regard to public and staff safety. If a Significant Weather Event is declared, the Operations Superintendent or Designate shall ensure that a Declaration Notice to advise the public of the nature of the event and expected service alteration is completed and published.

The Operations Superintendent or Designate shall continue to monitor the weather and when practicable, declare the end of the event with the completion of an End of Declared Notice being completed and published.

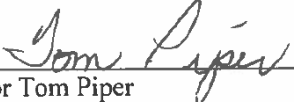
For the purposes of 2.4 of this By-Law, the Declared Notice and End of Declared Notice shall be completed and published the following ways:


- a. Posting on the Township website, notice page.
- b. Circulation of the notice to the following local radio stations:  
CKAT (600 AM); CKFX-FM (101.9 FM); CHUR-FM (100.5 FM) and CFXN-FM (106.3 FM)
- c. Circulation of the notice to the Nipissing Fire Department, Parry Sound Emergency Medical Services, North Bay Central Ambulance Communication Centre and the Ontario Provincial Police, Northeastern.

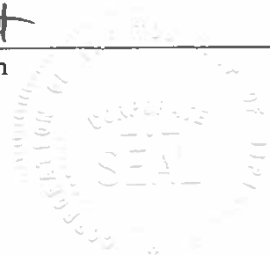
By-Law Number 2008-1218 is hereby repealed.

**BY-LAW READ A FIRST, SECOND AND THIRD TIME AND PASSED THIS 19<sup>TH</sup> DAY OF NOVEMBER, 2019.**

THE CORPORATION OF THE TOWNSHIP OF NIPISSING

  
\_\_\_\_\_  
Mayor Tom Piper

  
\_\_\_\_\_  
CAO-Clerk Charles Barton



**SCHEDULE B**  
**By-Law 2019-41**  
**Township of Nipissing Road Status and Maintenance By-Law**

Road Length measured in metres, one way.

AADT Figures: 2008 per Roads Needs Study, TSH; 2013 per Update, Aecom; 2019 per estimate by Staff.

| ROAD NAME              | SURFACE                                                                                                   | ROAD LENGTH           | AADT |      |                   | ROAD CLASS | NOTES:                |
|------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|------|------|-------------------|------------|-----------------------|
|                        |                                                                                                           |                       | 2008 | 2013 | 2019<br>*estimate |            |                       |
|                        | <b>HT = Hard Top</b><br><b>G = Gravel Year Round</b><br><b>GS = Gravel Seasonal</b><br><b>P = Private</b> |                       |      |      |                   |            |                       |
| Alsace Road            | HT and G                                                                                                  | 11,800 HT<br>10,616 G | 150  | 150  | 150               | 5          |                       |
| Armstrong Road         | G                                                                                                         | 1,139                 | 50   | 20   | 49                | 6          |                       |
| Aspen Lane             | G                                                                                                         | 136                   | 50   | 10   | 20                | 6          |                       |
| Barber Valley Road     | G and GS                                                                                                  | 1,338 G<br>1,300 GS   | 50   |      | 20                | 6          |                       |
| Barrett Road           | G                                                                                                         | 6,212                 | 50   | 25   | 30                | 6          |                       |
| Barton Lake Road       | G                                                                                                         | 690                   | 50   | 10   | 20                | 6          |                       |
| Bear Creek Road        | HT                                                                                                        | 1,933                 | 150  | 150  | 150               | 5          |                       |
| Beatty Street          | HT                                                                                                        | 298                   | 150  |      | 150               | 5          |                       |
| Bella Hill Road        | G                                                                                                         | 405                   | 50   | 10   | 15                | 6          |                       |
| Birchgrove Drive       | HT                                                                                                        | 4,220                 | 200  | 200  | 200               | 5          | Shared with Callander |
| Black Creek Road North | G                                                                                                         | 4,182                 | 50   | 20   | 30                | 6          |                       |
| Black Creek Road South | G and GS                                                                                                  | 1,244 G<br>800 GS     | 50   | 20   | 30                | 6          |                       |
| Blake Street           | G                                                                                                         | 104                   | 50   |      | 20                | 6          |                       |
| Booth Road             | G                                                                                                         | 706                   | 50   | 20   | 25                | 6          |                       |
| Busch's Mill Road      | G                                                                                                         | 346                   | 50   |      | 20                | 6          |                       |
| Butterfield Road       | G and P                                                                                                   | 1,888 G<br>2,000 P    | 50   |      | 20                | 6          |                       |
| Byers Road             | G                                                                                                         | 430                   | 50   | 10   | 15                | 6          |                       |

| ROAD NAME              | SURFACE                                                                       | ROAD LENGTH         | AADT |      |                   | ROAD CLASS | NOTES:                |
|------------------------|-------------------------------------------------------------------------------|---------------------|------|------|-------------------|------------|-----------------------|
|                        | HT = Hard Top<br>G = Gravel Year Round<br>GS = Gravel Seasonal<br>P = Private |                     | 2008 | 2013 | 2019<br>*estimate |            |                       |
| Chapman's Landing Road | G                                                                             | 1,458               | 50   |      | 50                | 5          |                       |
| Culham Road            | G                                                                             | 1,095               | 50   | 30   | 30                | 6          |                       |
| Dowdall Road           | G                                                                             | 1,048               | 50   | 5    | 10                | 6          |                       |
| Front Street           | G                                                                             | 377                 | 50   |      | 15                | 6          |                       |
| Granite Hill Road      | G and GS                                                                      | 3,005 G<br>2,618 GS | 50   | 10   | 30                | 6          |                       |
| Green Acres Road       | G and GS                                                                      | 3,652 G<br>900 GS   | 50   | 45   | 45                | 6          |                       |
| Hamilton Farm Road     | G and GS                                                                      | 544 G<br>2,492 GS   | 50   | 20   | 30                | 6          |                       |
| Hart Road              | G and P                                                                       | 2,000 G<br>2,100 P  | 50   | 50   | 50                | 5          | Shared with Callander |
| Hazलगlen Road          | G                                                                             | 2,199               | 50   | 50   | 75                | 5          |                       |
| Hemlock Road           | G and P                                                                       | 400 G<br>1,800 P    | 100  |      | 100               | 5          | Shared with Powassan  |
| Hinchberger Bay Drive  | HT                                                                            | 643                 | 50   |      | 75                | 5          |                       |
| Hunters Bay Road       | HT                                                                            | 629                 | 100  | 100  | 100               | 5          |                       |
| Jones Road             | G                                                                             | 538                 | 50   | 50   | 50                | 5          |                       |
| Kings Road             | G                                                                             | 4,517               | 50   | 25   | 30                | 6          |                       |
| Lake Nipissing Road    | HT and G                                                                      | 2,436 HT<br>1,961 G | 250  | 250  | 250               | 5          |                       |
| Lakeview Drive         | HT                                                                            | 601                 | 50   |      | 75                | 5          |                       |
| Lamb's Road            | G                                                                             | 892                 | 50   | 15   | 20                | 6          |                       |
| Lillian Court          | HT and P                                                                      | 192 HT<br>470 P     | 50   |      | 50                | 5          |                       |
| Lingenfelters Road     | G                                                                             | 1,662               | 50   | 20   | 30                | 6          |                       |
| Mapleridge Road        | G                                                                             | 154                 | 50   | 10   | 20                | 6          |                       |
| Marion Drive           | HT                                                                            | 1,151               | 200  |      | 200               | 5          |                       |

| ROAD NAME                | SURFACE                                                                       | ROAD LENGTH                  | AADT |      |                   | ROAD CLASS | NOTES: |
|--------------------------|-------------------------------------------------------------------------------|------------------------------|------|------|-------------------|------------|--------|
|                          | HT = Hard Top<br>G = Gravel Year Round<br>GS = Gravel Seasonal<br>P = Private |                              | 2008 | 2013 | 2019<br>*estimate |            |        |
| McQuaby Lake Road        | G                                                                             | 268                          | 50   | 10   | 30                | 6          |        |
| Mountain View Road       | G                                                                             | 420                          | 50   |      | 30                | 6          |        |
| Muskeg Road              | HT                                                                            | 2,050                        | 150  |      | 200               | 5          |        |
| Niagara Road             | G and P                                                                       | 1,305 G<br>1,071 P           | 50   | 40   | 49                | 6          |        |
| Old Nipissing Road North | G                                                                             | 240                          | 50   | 45   | 45                | 6          |        |
| Old Nipissing Road South | G and GS and P                                                                | 298 G<br>1,000 GS<br>1,000 P | 50   | 45   | 45                | 6          |        |
| Pilgers Road             | G                                                                             | 8,700                        | 50   | 20   | 30                | 6          |        |
| Pine Drive               | HT                                                                            | 1,092                        | 100  |      | 150               | 5          |        |
| Ponderosa Road           | G                                                                             | 4,642                        | 50   | 25   | 30                | 6          |        |
| Power Plant Road         | G                                                                             | 3,346                        | 50   | 50   | 50                | 5          |        |
| Promised Land Road       | G and P                                                                       | 200 G<br>555 P               | 50   | 30   | 30                | 6          |        |
| Rocky Shore Road         | HT                                                                            | 950                          | 80   | 80   | 80                | 5          |        |
| Ruth Haven Drive         | HT and P                                                                      | 500 HT<br>399 P              | 50   |      | 40                | 6          |        |
| Rye Road                 | G and GS                                                                      | 4,671 G<br>2,300 GS          | 50   | 45   | 45                | 6          |        |
| Sandy Bay Road           | G                                                                             | 844                          | 50   | 50   | 50                | 5          |        |
| Settlers Road            | G                                                                             | 1,015                        | 50   | 10   | 20                | 6          |        |
| Simpson Hill Road        | G                                                                             | 662                          | 50   |      | 20                | 6          |        |
| Ski Hill Road            | HT and G                                                                      | 200 HT<br>2,998 G            | 100  |      | 100               | 5          |        |
| South River Road         | G                                                                             | 3,888                        | 100  |      | 150               | 5          |        |
| Sprucedale Road          | G and GS                                                                      | 944 G<br>856 GS              | 50   | 15   | 20                | 6          |        |

| ROAD NAME          | SURFACE                                                                                                   | ROAD LENGTH       | AADT |      |                   | ROAD CLASS | NOTES: |
|--------------------|-----------------------------------------------------------------------------------------------------------|-------------------|------|------|-------------------|------------|--------|
|                    | <b>HT = Hard Top</b><br><b>G = Gravel Year Round</b><br><b>GS = Gravel Seasonal</b><br><b>P = Private</b> |                   | 2008 | 2013 | 2019<br>*estimate |            |        |
| Stillar Side Road  | G                                                                                                         | 4,362             | 50   | 50   | 50                | 5          |        |
| Stone Cutters Road | G                                                                                                         | 2,048             | 50   | 50   | 50                | 5          |        |
| Stories Road       | G and GS                                                                                                  | 365 G<br>1,800 GS | 50   |      | 40                | 6          |        |
| Sun Valley Way     | G                                                                                                         | 150               | 50   | 10   | 30                | 6          |        |
| Sunset Cove Road   | HT                                                                                                        | 3,919             | 300  |      | 350               | 5          |        |
| Waltonian Drive    | HT                                                                                                        | 879               | 200  |      | 230               | 5          |        |
| Westview Drive     | HT                                                                                                        | 445               | 50   |      | 75                | 5          |        |
| William Road       | HT                                                                                                        | 217               | 50   |      | 75                | 5          |        |
| Wolfe Lake Road    | G                                                                                                         | 4,677             | 150  | 150  | 175               | 5          |        |



**Township of Nipissing Road Status and Maintenance**

**Winter Operation Plan and Deployment Procedure**

The purpose of this Plan and Procedure is to provide Public Works staff with a complete understanding of the Winter Operations methodology and expectations for the Township of Nipissing.

The Operations Superintendent has the authority to implement this procedure when they have determined it is required. In the absence of the Operations Superintendent, the Foreman will be deemed to have designated authority as required.

Winter Seasons

Shall start November 15<sup>th</sup> of each year and ends April 15<sup>th</sup> of the following year. Winter crews shall be on call between these months. Notwithstanding the generally understood winter season time frame, abnormal and severe weather events have been occurring at unexpected intervals and staff will be expected to respond when needed as is practicable.

Winter Sand

Shall be mixed with 3% salt and stacked in sand dome by August 1<sup>st</sup> to ensure time to drain excess moisture from the sand.

Equipment

The Township shall have 3 tandem plow wing sander trucks, one grader with wing tower and a 1-ton pick-up truck with snow plow and sander. Equipment shall be ready to go into service no later than November 1<sup>st</sup>.

Winter maintenance equipment may be removed from the equipment any time after March 31<sup>st</sup> as instructed by the Operations Superintendent.

Routes

Each piece of equipment shall have an assigned route to plow/sand. When sand truck operators finish their routes, they shall assist with the sanding of the grader route as required. 1-ton truck shall plow/sand Township Office, Fire Station 1/Community Centre/Fitness Centre and Fire Station 2 yards.

Winter Operations Plow Routes map attached as Schedule E to the Township of Nipissing Road Status and Maintenance By-Law. Where routes will be followed, equipment may be changed in response to the severity of the occurrence or the nature of the work to be performed, such as the winging back of the snow banks. The Operations Superintendent or designate will have the authority to make those required changes.

Call outs

Winter crews shall be mobilized within an hour of call out time.

End of shift

Trucks and equipment shall be fueled and ready to return to service after each plow run.

Truck and equipment shall be washed within 24 hours of last use.

Sander chains shall be visually inspected after each run.

Plow equipment shall be left in heated garage when not in use.

Maintenance

Truck and equipment shall be greased weekly and checked for any problems by each operator. Problems or concerns regarding trucks or equipment or the efficiency/safety of same, shall be reported to the Operations Superintendent immediately. In the absence of the Operations Superintendent, the Foreman shall be considered to have full authority and act in the Operations Superintendent's place.



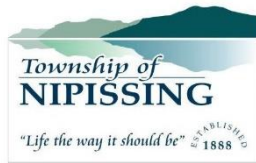


**Schedule D**  
**By-Law 2019-41**

**Township of Nipissing Road Status and Maintenance**

**Winter Patrol Procedures**

- Winter equipment shall be ready November 1st.
- Winter patrol shall start November 15th and shall end April 15<sup>th</sup>. \*In the event of a winter weather event outside of these dates, Winter Patrol Procedures shall be provided until road conditions are considered acceptable.
- Patrol rotation shall start on Sunday and finish on Saturday of each week.
- Patroller shall drive to the shop each morning and pick up patrol truck.
- Patrol truck fuel tank shall never be left less than half tank of fuel.
- Patroller on duty shall start patrol at 3am each day, working continuously for the scheduled 8 hours. \*In the event of a winter weather event requiring winter maintenance operations, working hours may be extended past the scheduled shift as needed.
- Patroller on weekend duty shall do their 4-hour patrol and go home if no action is required.
- Patroller shall track time and date of all call outs on the corresponding Patrol Sheet.
- Patroller shall fill out daily Patrol Sheets. The Patrol Sheets are in two parts, breaking the total roads into groupings of north and south. Winter Patrol Sheets for North and South are attached to and form a part of this procedure. The Winter Patrol roads designated for North and South patrol areas are indicated on Schedule F, attached to and forming part of the Township of Nipissing Road Status and Maintenance By-Law.
- Patroller shall patrol 10% of Township roads, with specific attention given to previously identified problem areas which are known to drift, have big hills and sharp corners, ensuring these areas are sufficiently evaluated.
- When a winter weather event occurs, the Patroller on call shall activate the winter crew once an accumulation of 5cm of snow or sleet is reached. When a winter weather event continues, roads shall be plowed and sanded every 10 hours until the event ends and roads are acceptable.
- When a winter event occurs in evening/night, the Patroller on call shall call the winter crew in as early as possible to begin plowing and sanding Township roads.
- Operations Superintendent will print out Weather Report each morning.



## WINTER PATROL RECORD      NORTH ROADS

|                               |                             |                                     |
|-------------------------------|-----------------------------|-------------------------------------|
| <b>Date of Patrol:</b>        |                             | <b>Patrolled by: (Please Print)</b> |
| <b>Start of Patrol (Time)</b> | <b>End of Patrol (Time)</b> | <b>Signature:</b>                   |

[illegible]

|                      | Road Classification | Bare & Dry | Bare & Wet | Track Bare | Center Bare | Snow Covered | Snow Packed | Snow Accumulation | Drifting | Ice Covered | Spot Ice | Black Ice | Frost | Slush | NO MAINTENANCE | Notes:           |                                                      |                                               |
|----------------------|---------------------|------------|------------|------------|-------------|--------------|-------------|-------------------|----------|-------------|----------|-----------|-------|-------|----------------|------------------|------------------------------------------------------|-----------------------------------------------|
|                      |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                | Condition Codes: |                                                      | Action Required:                              |
|                      |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                | √                | Observed Condition requiring a Winter Event Response | Schedule operations to comply with MMS or LOS |
|                      |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                | X                | Observed Condition No Response Required              | No Action Required                            |
|                      |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                | N/A              | Not Applicable                                       | No Action Required                            |
| Culham Road          | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Stone Cutters Road   | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Hart Road            | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Hazelglen Road       | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Byers Road           | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Lake Nipissing Road  | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Promised Land Road   | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Chapman’s Landing Rd | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Beatty Street        | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Blake Street         | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Front Street         | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Power Plant Road     | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| Hamilton Farm Road   | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |
| South River Road     | 5                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                  |                                                      |                                               |



|                               |                             |                                     |
|-------------------------------|-----------------------------|-------------------------------------|
| <b>Date of Patrol:</b>        |                             | <b>Patrolled by: (Please Print)</b> |
| <b>Start of Patrol (Time)</b> | <b>End of Patrol (Time)</b> | <b>Signature:</b>                   |

[illegible]

|                        | Road Classification | Bare & Dry | Bare & Wet | Track Bare | Center Bare | Snow Covered | Snow Packed | Snow Accumulation | Drifting | Ice Covered | Spot Ice | Black Ice | Frost | Slush | NO MAINTENANCE | <div>Notes:</div> |  |  |
|------------------------|---------------------|------------|------------|------------|-------------|--------------|-------------|-------------------|----------|-------------|----------|-----------|-------|-------|----------------|-------------------|--|--|
|                        |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
|                        |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
|                        |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
|                        |                     |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Niagara Road           | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Ruth Haven Drive       | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Barrett Road           | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Rye Road               | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Booth Road             | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Lingenfelters Road     | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Granite Hill Road      | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Black Creek Rd. South  | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Black Creek Rd. North  | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Lamb’s Road            | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Ponderosa Road         | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Butterfield Road       | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Sprucedale Road        | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Old Nipissing Rd North | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Old Nipissing Rd South | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Pilgers Road           | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Barton Lake Road       | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Barber Valley Road     | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| Settlers Road          | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| McQuaby Lake road      | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |
| King Road              | 6                   |            |            |            |             |              |             |                   |          |             |          |           |       |       |                |                   |  |  |



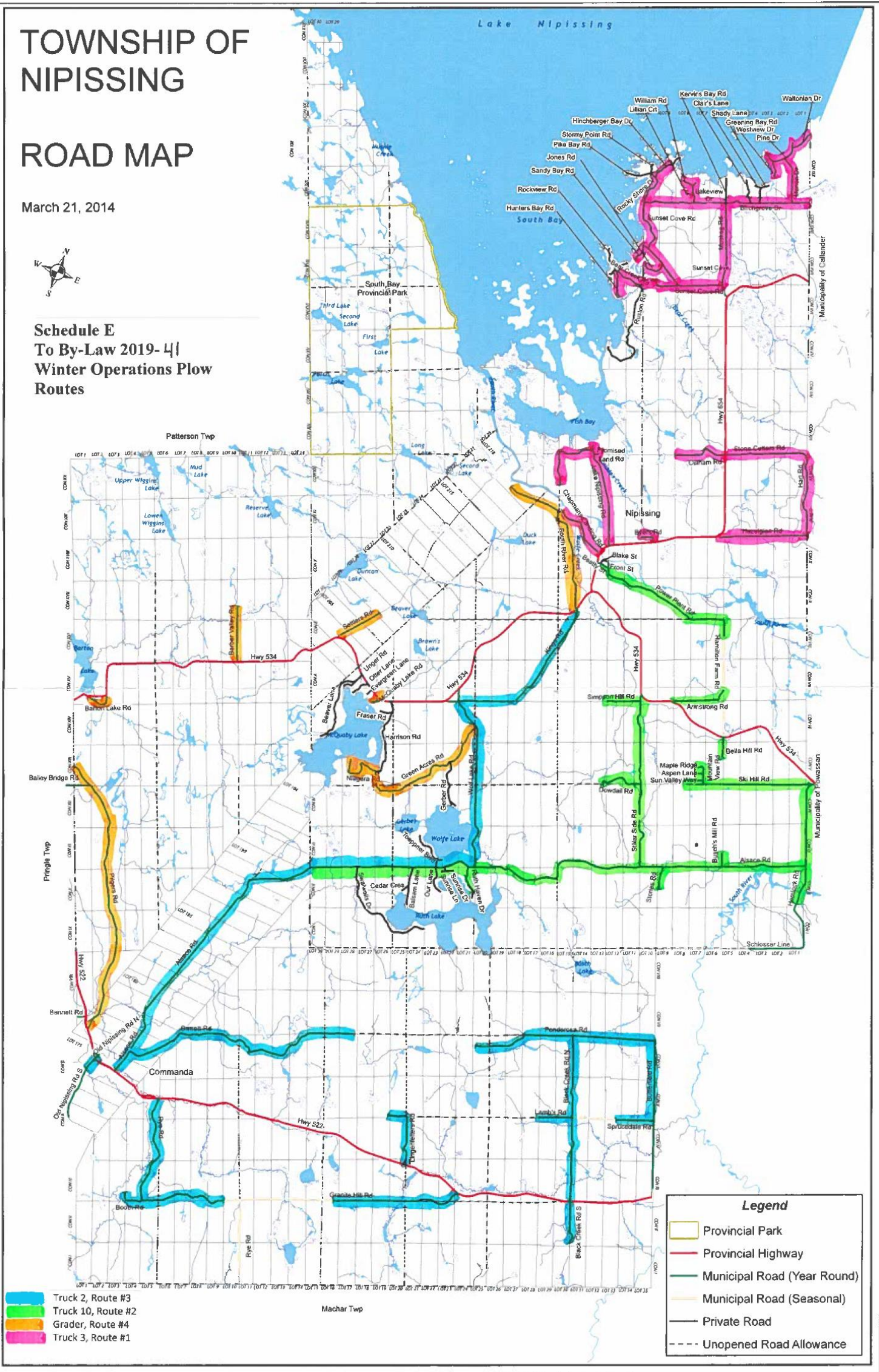
# TOWNSHIP OF NIPISSING

## ROAD MAP

March 21, 2014



### Schedule E To By-Law 2019-41 Winter Operations Flow Routes





## ROAD MAP

March 21, 2014



**Schedule F**  
**To By-Law 2019- 41**  
**Winter Patrol Roads**

