

AMENDED

**Third Reading**

No 86-09

Council of the Corporation of the Township of Wollaston session March 17, 2010.  
Moved by [Signature] Seconded by [Signature]  
That a by-law to amend By-Law 86-09 to establish Roadway Levels of Service  
for the Municipal Road System within the jurisdiction of the Corporation of the  
Township of Wollaston

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As reported by the committee of the Whole be read a third time, passed and  
numbered 86-09 and that said by-law be signed by the Reeve and Clerk, sealed  
with the seal of the Corporation, and be engrossed in the by-law book.

Carried, \_\_\_\_\_

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**Second Reading**

No 86-09

Council of the Corporation of the Township of Wollaston Session, March 17,  
2010  
Moved by [Signature] Seconded by [Signature]  
That a by-law to amend By-Law 86-09 to establish Roadway Levels of Service  
for the Municipal Road System within the jurisdiction of the Corporation of the  
Township of Wollaston.

Carried, \_\_\_\_\_

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**First Reading**

**86-09**

Council of the Corporation of the Township of Wollaston Session March 17, 2010  
Moved by [Signature] Seconded by [Signature]  
That a by-law to amend By-Law 86-09 to establish Roadway Levels of Service  
for the Municipal Road System within the jurisdiction of the Corporation of the  
Township of Wollaston.

Carried [Signature]

**The Corporation of the Township of Wollaston**

**By-Law # 86-09**

Being a By-Law to amend By-Law 86-09 to establish Roadway Levels of Service for the Municipal Road System within the jurisdiction of the Corporation of the Township of Wollaston

WHEREAS the Township of Wollaston, hereafter referred to as the Corporation, is a municipality that has jurisdiction over the highways and bridges;

AND WHEREAS Section 44 of the Municipal Act S.O 2001, C25 requires a municipality that has jurisdiction over a highway or bridge shall keep it in a state of repair that is reasonable in the circumstances, including the character and location of the highway or bridge;

AND WHEREAS the Ministry of Transportation, in accordance with section 44(4) of the Municipal Act S.O. 2001, C 25 may make regulations establishing minimum standards of repair for highways and bridges or any class of them;

AND WHEREAS Ontario Regulation 239/02 has established Minimum Maintenance Standards for Municipal Highways;

AND WHEREAS it is found expedient and necessary to have the minimum maintenance levels of service for roadway services on roads within the jurisdiction of this municipality described as follows and attached as Schedule A hereto:

- 1.0 Patrolling
- 2.0 Snow Accumulation
- 3.0 Icy Roadways
- 4.0 Bridge Deck Spalls
- 5.0 Surface Discontinuities
- 6.0 Flooding
- 7.0 Dust
- 8.0 Potholes
- 9.0 Shoulder Drop Off
- 10.0 Cracks

**APPENDIX 1**

- 1.0 Classification of Wollaston Township Highways
  - 1.1 Township of Wollaston Road Classifications
  - 1.2 Minimum Maintenance Levels of Service for Class 6 Highways and Private Roads
  - 1.3 Speed Limits on Township Roads
- 2.0 Maps
  - Map 1 – Wollaston Township Roads Status Map

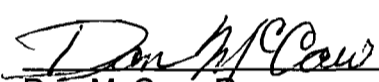
**NOW THEREFORE THIS CORPORATION ENACTS AS FOLLOWS;**

- 1 That the levels of service herein, as amended from time to time, be hereby adopted and come into effect on the passing thereof.
- 2 That all operational activities of the municipal road department be directed to provide the minimum levels of service for municipal highways as herein described where care is taken first to ensure that the minimum maintenance

- levels of service are maintained and second that such levels are efficiently and effectively rendered.
- 3 That neither the corporation nor its officials make any promise or assurance that municipal highway maintenance will be in excess of the minimum be herein defined.
  - 4 That these standards, and definitions of terminology, be made available to ratepayers and users of the Corporation's municipal highways and that where exception is taken to the levels of service stated herein, or interpretation of the same, such concerns may be reviewed at a meeting of this council, or its committee (if one exists) for that purpose, for consideration.
  - 5 That where situations arise or applications be made which may fall outside the scope of these minimum maintenance levels of service, the senior road manager in conjunction with Council approval, shall respond as may be deemed to be appropriate, with respect to budgetary constraint and reasonable practice.
  - 6 That budgets and Council priorities shall be set on the basis of provision of municipal highways to the minimum levels of service set out in Schedule A.
  - 7 And that liability of the Corporation related to the state of repair of a highway or bridge, and the Corporation's defense to such claims of liability are set out in Section 44 of the Municipal Act S.O 2001 C25 and in Ontario Regulation 239/2.
  - 8 This by-law repeals By-law 13-99 and shall take effect on the day of passing.

Read a first, second and third time and finally passed this 17th day of ~~February~~ <sup>MARCH</sup>, 200~~8~~<sup>9</sup>. Passed sealed numbered and entered into the by-law book.

*37*  
*DRAFT*

  
\_\_\_\_\_  
Dan McCaw, Reeve

  
\_\_\_\_\_  
Christine FitzSimons, CAO/Clerk

## **Appendix 1**

### **1.0 Classification of Wollaston Township Highways**

For the purpose of this by-law, the Highway Classifications as contained in Ontario Regulation 239/02 will apply.

In addition, Class 6 Highways shall be further subdivided.

Class 6-1 highways are hereby defined as highways designated for winter maintenance.

Class 6-2 highways are hereby defined as highways NOT designated for winter maintenance and are highways designated Limited Service Maintenance. Such roads will be posted by the Township as "Limited Maintenance -Use at own risk".

Definition: Limited Service Maintenance shall mean that the roadway so designated will be maintained to a level of service equivalent to existing condition, at the time of passing of this by-law.

#### **Private Roads:**

Refer to Section 1.1 Township of Wollaston Road Classifications for the listing of private roads. These roads are privately maintained and are not maintained by the Municipality at all. These roads will be signed "Unassumed Private Road"

### 1.1 Township of Wollaston Road Classifications

Road Name	Roads Priority	Length Km	Class/Level of service	Designated for winter maintenance	Concessions & lots
Hwy 620	1	15.5	4	Yes	C 8/9 L 1-32
Ridge Road	2	7.6	5	Yes	C1 L 21 – C8 L12
North Steenburg Road	3	3.5	5	Yes	C1 L1 – C 1 L 9 to #2470 Marmora & Lake From #2470 C 1 L 9 to C1 L 18/19 Wollaston C 1 L 19 – C 1 L 20/21 Marmora & Lake
Lower Faraday Road	4	7.0	5	Yes	C9 L16 – C16 L16/17
Wollaston Lake Road	5	1.0	5	Yes	C8/9 L14/15 – C 7 L14
Beach Road	6	0.5	5	Yes	C7 L 14- #102 Beach Lane C7 L14
The South Road	7	12.3	6-1	Yes	C8 L 22- C 1 L32
Old Hastings Road	8	8.7	6-1	Yes	WHR partL39 –WHR L80 Lots 1-part L39 maintained by Limerick Township
Rose Island Road	9	8.7	6-1	Yes	C9L 17 – C 12L 32
Salem Road	10	1.3	6-1	Yes	Hwy 620 C9 L22 – C 10 L21
Clayton Cove Road	11	2.2	6-1	Yes	Hwy 620 C9 L 21 – C7 L21 # 5 Clayton Cove Road then private
Cameron Road	12	2.1	6-1	Yes	C16 L 16 – C 16 L 12 All summer maintenance Faraday Township – winter maintenance 3 years Faraday and 1 year Wollaston
Jones Road	13	1.3	6-1	Yes	C 15/14 L16 – C15 L19
O'Brien's Road	14	0.8	6-1	Yes	C13/12 L 16/15 – C 13/12 L18
Ingram Road	15	7.4	6-1	Yes	C14 Boundary L13 – C16 L23
Boundary Road	16	2.9	6-1	Yes	C16 L 32 – C 13 L32 Shared summer maintenance with North Kawartha, winter maintenance by Wollaston
King's Road	17	2.1	6-1	Yes	C 8 L8 C 7 L7/6 then private
Finnegan Lake Road	18	0.5	6-1	Yes	C8 L 8 C8 L9 to #153
Albert Road	19	1.9	6-1	Yes	C9 L16 – C 10 L11
High Street	20	0.3	6-1	Yes	C8 L15
Mertz Road			6-1	Yes	C16 L 16
Thanet Lake Road			6-1	Yes	C1 L12/11 Maintained by Marmora and Lake
Potter Road					Maintained by North Kawartha
Roberston Road	21	0.4	6-1	Yes	Hwy 620 C 8/9 L22 – L23

Conlin Road	23	0.2	6-1	Yes	Hwy 620 C8/9 L 3/4
Norman Lane	24	0.2	6-1	Yes	Hwy 620 C8/9 L 14
Hubert Road	25	0.1	6-1	Yes	Hwy 620 C9 L 25
Centre Street	26	0.1	6-1	Yes	Hwy 620 C 9 L 15/16
<b>Limited Maintenance And Seasonal Roads</b>					
Gravel Pit Road	27	1.2	6-1	Yes	Hwy 620 C8/9 L 26/25 – C 7 L 26/25 then private
Ragged Lake Road	28	4.5	6-2	No	C16 L12 – C 16 L3
Gilroy School Road	29	1.1	6-2	No	C15 L 15 – C 16 L 15
Leveridge Road	30	2.3	6-2	No	C 15 L 15 – C 15 L10
Sportsman Lane	31	1.0	6-2	No	C12 L 15- C12 L 12/13 to # 323 then private
Drum lake Road	32	0.7	6-2	No	Hwy 620 C 9 L 5 C9 L 6
Henderson Road	33	0.9	6-2	No	C1 L 11/12 – C 2 L 11/12 - #155 AB
Bank Robbers Lane (was Jackies Lane)	34	1.0	6-2	No	C1 L 30 – C 1 L29 – to #171 then private
Finnegan Lake Road West	35	0	6-2	No	C 8 L 10 #153
Harmer Road			6-2	No	C10 L 22 - #101 then private
<b>Private Roads in Wollaston Township not covered under road classification</b>					
Anson Lane					C8 L 15 – C 7 L 19/20
Beach Lane					#102 C 7 L15 – C 7 L 18
Chescher Court/Lane/Crescent					C6 L14 – C5 L16
Clayton Cove Lane (portion)					C6 L21/20 - #5 C 6 L 22
Gilbert Bay Lane/Sherwin Lane					C 5 L17 – C 6 L20
Mumby Lane					C 5 L 19 – C 5 L 21
Ferguson Bay Lane					C6 L22
Coral Post Lane					C5 L 17- L18
Lawrence Lane					C 5 L17- L16
Maple Ridge Lane					C 5 L23 – C 5 L21
Stephenson Lane					C 7 L18
Brooks Lane					Hwy 620 C 8 L 4 – C 8 L 2
Betty Lane					C 3 L 18 – C 3 L 20
Betty Court					C3 L20
Kendon Lane					C 7 L 12 – C 7 L 13
Embury Lane					C6 L 13
Werden Lane					Hwy 620 C9 L25
Snow Lake Lane					Hwy 620 C 9 L 24
Peter Lake Lane					Hwy 620 C8 L6
North Lake Lane					C 14 L 29/28 – C 14 L30
Barnes Lane					C 16 – L 18
Gravel Pit Lane					C 7 L 25/26 – C6 L28
Finnegan Lane					C 8 L 9/10 - C 9 L 9/10
Echo Ridge Road					C 8 L 32 – C 7 L 32 Maintained by North Kawartha

Harmer Road					C 10 L 23 – from # 101
Kauth Road					C 16 L 5
Potter Road					C9 L 32
Red Eagle Lane					C7 L 14
Vader Lake Road					C 16 L 18
Bank Robbers Lane (was Jackies Lane)					C 1 L 28 from #171

**1.2 Minimum Maintenance Levels of Service on Class 6 Highways**

**Patrolling Frequency**

<b>Summer Frequency</b>	<b>Winter Frequency</b>
Once every 30 days	Once every 30 days

**Snow Accumulation**

<b>Depth</b>	<b>Time</b>	<b>Surface Condition</b>
10 cm	24 hours	Snow packed

**Icy Roadways**

Time – 18 hours

**NOTE: The above levels of service do not apply to roads that are not designated for winter maintenance – Please refer to the 1.1 Road Classifications.**

### 1.3 Speed Limits on Township Roads

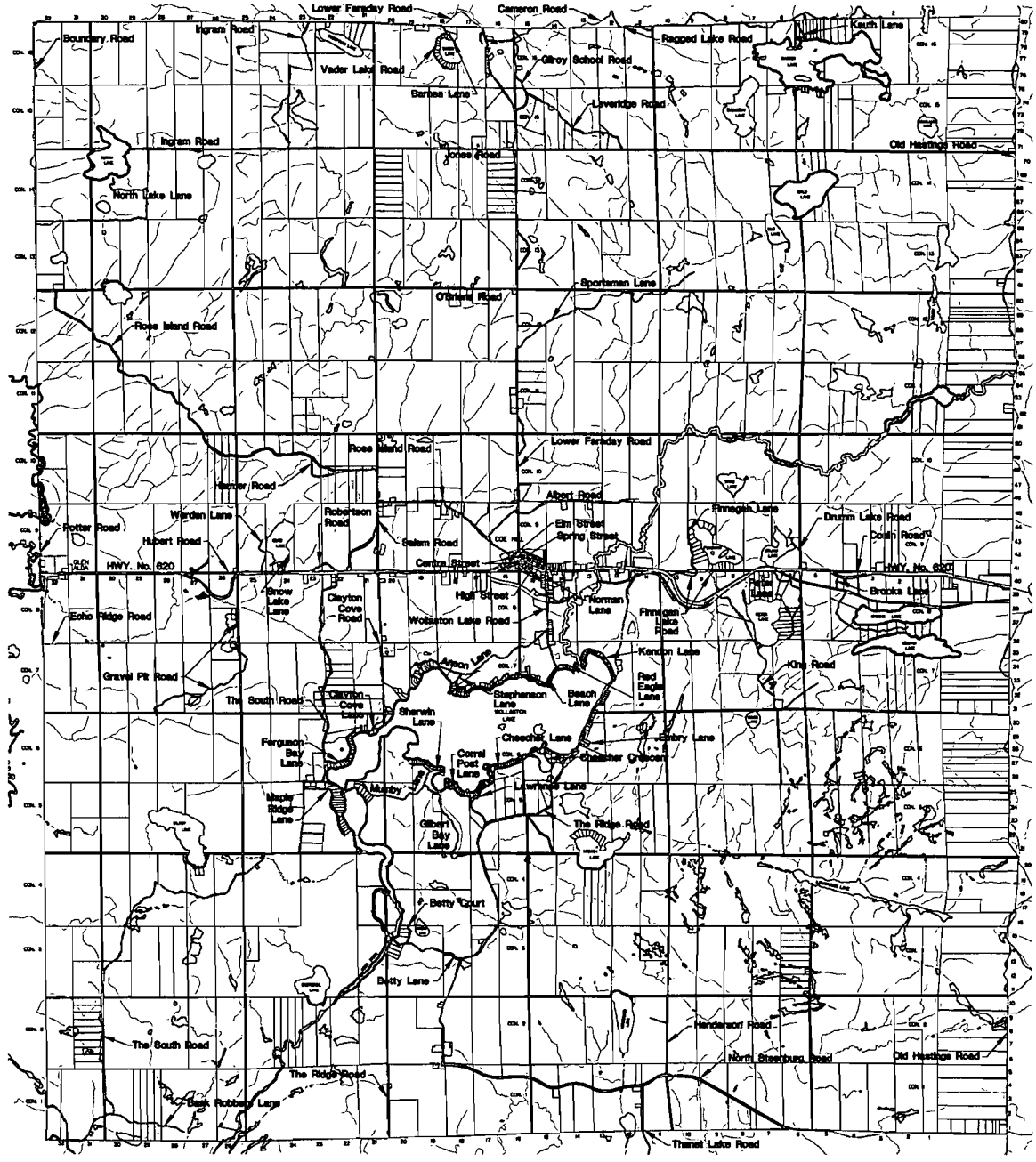
Road Name	Sped Limit	By-Law
Hwy 620	80 km/h until west of town at #2524 and east limit of town at #1866 and then it is 50 km Community Safety Zone –from Hydro One east side of Coe Hill to the intersection of Lower Faraday Rd and 620	52-02  41-05
Ridge Road	C8L11 (Hwy 620) – C 7 L 12 50 km/h C7 L 12 – C6 L 14 40km/h C6 L 14 – C 2 L 18 70 km/h	47-09
North Steenburg Lake Road	C1 L 9 – C1 L 18 70 km/h	48-09
Lower Faraday Road	C9 L 16 – C9 L 17 – 50 km/h (620 to corner of Lower Faraday Rd and Rose Island) C9 L 17- C 16 L 16 70 km/h	49-09
Wollaston Lake Road	50 km/h	31-09
Beach Lane	50 km/h	32-09
The South Road	50 km/h	33-09
Rose Island Road	50 km/h	34-09
Salem Road	50 km/h	35-09
Clayton Cove Road	50 km/h	36-09
Ingram Road	50 km/h	37-09
Albert Road	50 km/h	38-09
Old Hastings Road	50 km/h	14-10



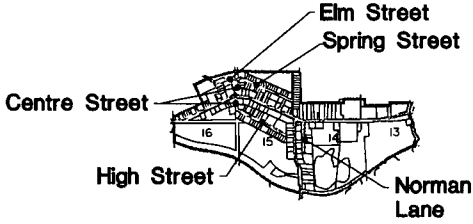


# TOWNSHIP OF WOLLASTON

## Road Status Map



- ROAD STATUS LEGEND**
- MAINTAINED YEAR-ROUND
  - MAINTAINED SEASONALLY
  - - - NOT MAINTAINED (PRIVATE ROAD)
  - LAKES AND RIVERS



<b>Ainley</b> CONSULTING ENGINEERS PLANNERS		
SCALE: 1:30,000	PL01: 1-30	JOB NO. 09510-1
DESIGN: H.R.	CHECKED: H.R.	DWG. 09510-RSM
DRAWN: S.L.	DATE: OCTOBER 2009	

COE HILL  
SCALE 1:15,000

**Township of Wollaston**

**Minimum Maintenance Levels of Service**

**Schedule A**

**To By-Law 86-09**

## **Minimum Maintenance Standards**

### **1.0 Patrolling**

#### **Objective**

To determine the condition of the road system and to keep records of the conditions found during the patrolling.

#### **Minimum Maintenance Standard**

- Patrolling shall be carried out by driving on or by electronically monitoring the highway to check for conditions described in the regulations.
- Patrolling may be carried out by the Supervisor or an inspector reporting to the Supervisor. Records shall be kept of the time of the inspections and of highway conditions observed.
- Patrolling is not required between sunset and sunrise.
- The frequency of patrolling is set out in Table Patrolling Frequency.
- Patrolling will not be carried out during the winter maintenance season on those roads not designated for winter maintenance.

**Table Patrolling Frequency**

<b>Class</b>	<b>Summer Frequency</b>	<b>Winter Frequency</b>
<b>4</b>	<b>once every 7 days</b>	<b>once every 7 days</b>
<b>5</b>	<b>once every 7 days</b>	<b>once every 7 days</b>
<b>6</b>	<b>once every 7 days</b>	<b>once every 7 days</b>

## **2.0 Snow Accumulation Objective**

To remove snow accumulations in excess of the depths noted in the table shown below within the timeframes set out in the table.

### **Season**

The road department shall have all winter control equipment, schedules, manpower and procedures in place to commence winter control operations on the 15th day of November each year. Winter control equipment and manpower will be available until the 15th day of April the following year.

### **Minimum Maintenance Standard**

~ While snow continues to accumulate, to deploy resources to clear snow as soon as practicable after becoming aware of the fact that the snow accumulation on a roadway is greater than the depth set out in the table below.

~ After the snow accumulation has ended and after becoming aware that the snow accumulation is greater than the depth set out in the table below, to clear the snow accumulation and return the roadway to the desired surface condition within the timeframes set out in the table below and:

Clear the snow accumulation from the roadway to within a distance of 0.6 metres inside the outer edges of the roadway.

On class~ 4 and 5 highways with two lanes, the snow accumulation on the roadway must be cleared to a width of at least 5 metres.

~ If a winter event becomes so severe that winter event response cannot safely continue all operations involved in the clearing of the snow accumulation will be suspended until conditions improve.

In the event that operations are suspended the department head or his/her designate will notify police, fire, ambulance, other emergency services, school board(s) and the local radio station.

~ Winging back of windrowed snow to provide storage for subsequent snowfalls will be completed during normal daylight hours.

~ Clearing of windrowed snow at all residential driveways, commercial and industrial entrances will be the responsibility of the property owner.

- This level of service does not apply to that portion of the roadway designated for parking.
- This level of service does not apply to roads that are not designated for winter maintenance.

**Table Snow Accumulation**

<b>Class</b>	<b>Depth</b>	<b>Time</b>	<b>Surface Condition</b>
4	8 cm	16 hours	Snow Packed
5	10 cm	24 hours	Snow Packed
6	10 cm	24 hours	Snow Packed

### **3.0 Icy Roadways**

#### **Objective**

To deploy resources to treat an icy roadway as soon as practicable after becoming aware that the roadway is icy and,  
To treat icy roadway within the timeframe set out in the table shown below.

#### **Season**

This level of service will apply during the winter maintenance season from November 15<sup>th</sup> each year until April 15<sup>th</sup> of the following year.

#### **Minimum Maintenance Standard**

- Resources will be deployed to treat the icy roadway within the times set out in Table Icy Roadways, after becoming aware of the fact.
- This level of service does not apply to roads that are not designated for winter maintenance.

Table Icy Roadways

<b>Class</b>	<b>Time</b>
4	12 hours
5	16 hours
6	18 hours

## 4.0 Bridge Deck Spalls

### Objective

To enhance motorists' safety and reduce impact loading on bridges.

### Minimum Maintenance Standard

- If a bridge deck spall exceeds both the surface area and depth set out in Table Bridge Deck Spalls, the level of service is to repair the bridge deck spall within the time set out in the table, after becoming aware of the fact.
- A bridge deck spall is deemed to be repaired if its surface area or depth are less than that set out in the table.

Table Bridge Deck Spalls

Class	Surface Area	Depth	Time
4	1000 m <sup>2</sup>	8 cm	7 days
5	1000 m <sup>2</sup>	8 cm	7 days
6	1000 m <sup>2</sup>	10 cm	14 days

## 5.0 Surface Discontinuities

### Objective

To enhance motorists safety, prevent vehicle damage and reduce impact loadings on roads and bridges.

### Minimum Maintenance Standard

- If a surface discontinuity, other than a surface discontinuity on a bridge deck, exceeds the height set out in Table Surface Discontinuities, the level of service will be to repair the discontinuity within the time set out in the table, after becoming aware of the fact.
- If a surface discontinuity on a bridge deck exceeds 5 cm, the level of service is to deploy resources, as soon as practicable after becoming aware of the fact, and to repair the surface discontinuity on the bridge deck.

Table Surface Discontinuity

Class	Height	Time
4	5 cm	21 days
5	5 cm	21 days
6	5 cm	21 days



## **6.0 Flooding**

### **Objective**

To enhance motorists safety by posting warning signs at flooded areas.

### **Minimum Maintenance Standard**

- Where water, either standing or flowing, covers more than one-half a lane width, resources shall be deployed to post warning signs within the time set out in Table Flooding, after becoming aware of the fact.

**Table Flooding**

<b>Class</b>	<b>Time</b>
<b>4</b>	<b>4 hours</b>
<b>5</b>	<b>6 hours</b>
<b>6</b>	<b>12 hours</b>

## **7.0 Dust**

### **Objective**

To enhance highway safety by controlling dust that reduces with motorists' visibility.

This level of service does not apply to controlling dust for other purposes, such as field crops or air quality.

### **Minimum Maintenance Standard**

- If dust caused by traffic reduces visibility, over a distance of at least 100 metres, to the extent that it affects traffic safety, resources will be deployed and the dust will be controlled within the time set out in Table Dust, after becoming aware of the fact.

Table Dust

<b>Class</b>	<b>Time</b>
4	4 days
5	4 days
6	7 days

## 8.0 Potholes

### Objective

To deploy resources and repair potholes in the roadway or shoulder.

### Minimum Maintenance Standard

- If a pothole exceeds both the surface area and the depth set out in Tables 1, 2 or 3 below, as the case may be, the pothole shall be repaired within the time set out in Table 1, 2 or 3 as appropriate, after becoming aware of the fact.
- The pot hole shall be deemed to be repaired if its surface area or depth is less than that set out in Table 1, 2, or 3 as appropriate.

Table 1 – Potholes on Paved Surface of Roads

Class	Surface Area	Depth	Time
4	1000 cm <sup>2</sup>	8 cm	14 days
5	1000 cm <sup>2</sup>	8 cm	30 days
6	1000 cm <sup>2</sup>	8 cm	30 days

Table 2 – Potholes on Non-Paved Surface of Roads

Class	Surface Area	Depth	Time
4	1500 cm <sup>2</sup>	10 cm	14 days
5	1500 cm <sup>2</sup>	12 cm	30 days
6	1500 cm <sup>2</sup>	12 cm	30 days

Table 3 – Potholes on Paved or Non-Paved Surface of Shoulders

Class	Surface Area	Depth	Time
4	1500 cm <sup>2</sup>	10 cm	30 days
5	1500 cm <sup>2</sup>	12 cm	60 days
6	1500 cm <sup>2</sup>	15 cm	90 days

## 9.0 Shoulder Drop-offs

### **Objective**

To improve safety by deploying resources and repairing shoulder drop-offs.

### **Minimum Maintenance Standard**

- If a shoulder drop-off is deeper, for a continuous distance of 20 metres or more, than the depth set out in Table Shoulder Drop-offs, the drop-off shall be repaired within the time set out in the table, after becoming aware of the fact.
- A shoulder drop-off shall be deemed to be repaired if its depth is less or equal to that set out in the table.

Table Shoulder Drop-offs

Class	Depth	Time
4	8 cm	14 days
5	8 cm	30 days
6	8 cm	30 days

## 10.0 Cracks

### Objective

To improve safety by deploying resources and repairing cracks in paved roadway surfaces.

### Minimum Maintenance Standard

- If a crack on the paved surface of a roadway is greater, for a continuous distance of 3 metres or more, than both the width and depth as set out in Table Cracks, resources shall be deployed and the cracks repaired within the time set out in the table, after becoming aware of the fact.
- A crack shall be deemed repaired if its width or depth is less than or equal to that set out in the table.

Table Cracks

Class	Width	Depth	Time
4	5 cm	5 cm	180 days
5	5 cm	5 cm	180 days
6	5 cm	5 cm	180 days