

SUBJECT: Asset Management

County of Brant – Strategic Asset Management Policy Addendum - Roads

Policy #:	
Effective date:	July 01, 2025
Amendment date:	July 01, 2025
Replaces:	Strategic Asset Management Policy Addendum - Roads

1. Procedure Statement and Scope:

This addendum to the policy identifies the specifics in the application of the policy as it pertains to the road assets. The content of this addendum should be read in conjunction with the Strategic Asset Management Policy (SAMP).

2. Principles:

Preparation of the Roads components of the Asset Management Plan (AMP) shall consider, but not be limited to the following:

Regulatory Compliance – The Municipality shall consider all applicable legislation in the development and update of its AMP, including but not limited to;

1. *Ontario Regulation 588/17, Asset Management Planning for Municipal Infrastructure*
2. *The Conservation Authorities Act*
3. *The Development Charges Act, 1997 (Ontario Regulation 82/98)*
4. *The Environmental Assessment Act*
5. *The Environmental Protection Act*
6. *The Safe Drinking Water Act 2002 (Ontario Regulation 170/03)*
7. *The Planning Act* and related regulations
8. *Maintenance Standards For Municipal Highways (Ontario Regulation 239/02)*
9. *Municipal Act 2001, Section 44 (1)*

Asset Verification and Condition Rating: Regulatory compliance includes asset condition that have to be measured using appropriate engineering or other standards that are established, defensible and repeatable.

There are two (2) levels of condition assessment required for municipal roads; **capital condition** and **operational condition**. The capital condition of all road sections shall be evaluated following the Ministry of Transportation Inventory Manual for Municipal Roads (1991) or approved equivalent. The verification and condition of each road asset shall be field audited to verify that the asset(s) is still retained by the County of Brant (the County) and that it has not been disposed of or replaced.

The operational condition of all road sections shall be evaluated in accordance with Regulation 239/02, Minimum Maintenance Standards for Municipal Highways, as amended.

Condition Assessment Cycle- Capital: Asset condition shall be reviewed on a regular cycle not to exceed two (2) years. The reviews may occur for half (50%) of the road system annually or the entire road system biannually however the entire system review interval shall be two (2) years.

If annual reviews are selected, half (50%) of the system will be reviewed. In addition, those roads in the other two (2) quadrants will have sections reviewed where improvements have been undertaken or in the opinion of staff the condition has deteriorated more quickly than anticipated.

Condition Assessment Cycle – Operational: The operational conditional assessment shall be in accordance with the following regulations;

1. *Municipal Act 2001, Section 44 (1)* The 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. *2001, c. 25, s. 44 (1)*.
2. *Regulation 239/02* is a result of Section 44.

Level of Service (LOS): The LOS Measures for the road system shall be;

1. System Adequacy – 70%. System Adequacy is a measure of the ratio of the aggregate total of the adequate, good and fair roads to the entire system.
2. Average Condition – 70%. The average condition shall be the calculated weighted average by individual road asset length of the Structural Adequacy multiplied by 5.
3. Regulation 239/02 Minimum Maintenance Standards (MMS) for Municipalities Compliance.
4. Luminaires – Inspection and repair are completed with timelines set by MMS regulations.
5. Traffic Control Signal System and Sub-systems – Inspection and repair are completed with timelines set by MMS regulations.
6. Traffic Signs:
 - Specific Inspection and retro-reflectivity testing per the MMS requirements,
 - All signs inspected as part of MMS road patrols, and
 - Replacement timelines per MMS.
7. Sidewalks - Inspection and repair are completed with timelines set by MMS regulations.
8. Guide Rails:
 - Specific site inspection of all locations once every five (5) years,
 - General inspection for obvious damage as part of the MMS road patrols, and
 - Replacements and repairs as required based on the inspection results.

9. Culverts (under three (3) m in width):

- Specific site inspection of all locations once every five (5) years,
- General inspection for settlement or signs of issues as part of the MMS road patrols, and
- Replacements and repairs as required based on the inspection results.

Public Notification: Notification of road projects may occur through any of the following forums:

1. Class Environment Assessment process;
 - a. Public information session, or
 - b. Hand delivered notice depending on project type and Class EA requirements.
2. Asset Management Plan public meeting.
3. Committee/Council Reports noting project type and budget.