

COUNTY OF LANARK ACCESS TO COUNTY ROADS POLICY

1.0 BACKGROUND

The primary function of the County Road system is to permit the safe and efficient movement of **through traffic** over relatively long distances at reasonable speeds. This important function is diminished where uncontrolled development adjacent to the road creates turning and stopping movements which interfere with the free flow of traffic.

A secondary function of the County Road system is to provide access to properties at appropriate locations consistent with road safety. Too many accesses may lead to speed reductions and hazards to through traffic movements resulting in the deterioration of service levels. Therefore, to maintain the integrity of the system, **entrances to County Roads will be permitted only when access from local municipal roads to the property is not feasible.**

Since accesses to County Roads have long-term and cumulative effects on the road network a process to oversee the construction of new entrances or the alteration of existing entrances is essential.

The purpose of this policy is to establish the specifications and procedures for the submission, review, site inspection and approval of County Road entrance applications. The objective of the policy is to balance the two major functions of the County Road system; moving traffic and providing access to properties, while:

- a) Protecting the safety of all roadway users through the orderly control of traffic movements.
- b) Encouraging and fostering growth and development throughout the County within the context of the local municipal Official Plans and Zoning By-Laws.
- c) Protecting the public investment in the County Road System.
- d) Ensuring that all new developments have suitable and legal access.
- e) Minimizing future road maintenance and construction costs.

2.0 DEFINITIONS

“Agricultural Entrance” Means a farm or field entrance.

“Alter Existing Entrance” Means changing the surface, the width or the culvert of an existing entrance without changing the type of entrance.

“Applicant” Means any person, group or corporate body who applies to the Corporation for permission to construct, relocate or alter an entrance to a County Road.

“Common Entrance” Provides access to two (2) properties when individual entrances are not feasible due to physical constraints or inadequate spacing between adjacent entrances. The

entrance is normally constructed astride the property line, but may be located in another location, if the approval to utilize the right of way approval process is obtained from the appropriate planning authorities. The approval of both property owners is mandatory prior to the construction of a common entrance.

“Commercial/Industrial/Institutional/Multi-Residential Entrance” Provides access to: a location where goods are manufactured or sold to the public, to institutional areas such as schools and hospitals, or to residential facilities of three or more units such as apartments and townhouse developments having a common parking area outside the County right of way.

“Culvert” An open-ended, underground pipe that carries surface storm water under a road or entrance.

“Director” The County of Lanark Director of Public Works or in his absence his designate.

“Entrance” A private road, entranceway, gate or other structure or facility constructed or used as a means of access to a County Road. Entrances are classified in accordance with their use and the approved zoning of the property. For example a property must be zoned as Commercial to permit the construction of a commercial entrance.

“Farm Entrance” Provides access to farm buildings and agricultural lands, but does not include commercial activities related to agriculture such as abattoirs, tanneries and sales outlets, or manufacturing and processing activities involving farm crops or animal products.

“Field Entrance” Provides access to agricultural fields forming part of a farm or to woodlots. Used only for the passage of animals and crops or vehicles related to the harvesting of timber, but not for access to buildings of any type.

“Highway” Includes a common and public highway and any bridge, trestle, viaduct or other structure, forming part of the highway, and except as otherwise provided, includes a portion of the highway and the area between the lateral property lines thereof. All County Roads are included in this definition.

“In-Filling” In the past small concentrations of development, generally residential, occurred in certain locations in the form of strip or ribbon development along rural roadways. This development generally predated the establishment of Official Plan and Zoning By-law controls within local municipalities. For the purpose of this policy, “In-filling” will be considered as the use of vacant land within the area of concentrated development, for further construction or development, **but not extending the limits of the concentrated development.**

“Intersection” The area within the projection or connection of the lateral boundary lines of two (2) or more highways that meet one another at an angle whether or not one highway crosses the other.

“Inquiry” A request to the Public Works Department by a prospective property buyer or their agent to determine if an Entrance Permit for an existing entrance has been issued or if the installation of a new entrance is feasible.

“Lot” A parcel or tract of land which is capable of being legally conveyed in accordance with the provisions of the Planning Act.

“One-Way Entrance” An entrance that provides access to a County Road and is designed or used for one-way traffic only.

“Other Entrance” An entrance that provides access, or additional access, and that does not fit any other entrance type defined under this policy. May be also referred to as an auxiliary entrance.

“Pedestrian Entrance” Provides pedestrians access from a trail or pathway across a County Road.

“Percent (%) Grade” Means the rate of rise or fall with respect to the horizontal.

“Posted Speed” The maximum speed for vehicles as indicated by the regulatory signs posted on the roadway. Where the posted speed changes within the prescribed sight distance for an entrance, the higher posted speed shall be used to determine the minimum sight distance.

“Private Road Entrance” Provides access to a County Road from a private right of way that is not maintained by the local municipality. Includes sub-division roads, until they have been assumed by the municipality.

“Property Line” The common boundary line between adjacent properties.

“Public Road Entrance” Provides access to a County Road from a municipal road or street or other thoroughfare that is maintained by the local municipality.

“Residential Entrance” Provides access to a private residence or multi-family dwelling with less than three dwelling units.

“Sight Distance” The minimum stopping sight distance is the least available distance required for a driver to bring a vehicle travelling at or near the posted speed to a stop before reaching a visible stationary object in its path. It is the sum of perception distance, reaction distance and braking distance under wet road conditions

“Temporary Entrance” Provides access to a property for a limited period, not to exceed one (1) year, for the purpose of construction, repairs or improvements on that property or to facilitate a staged development. The temporary entrance must be removed before the expiration of the permit and the right-of-way must be restored to its original condition.

“Urban Entrance” An entrance that is located within the limits of an urban County Road section. An urban road section is any portion of a County Road that is constructed with any of the following features; curb, gutter, sidewalk or storm sewer.

“Vehicle” Includes a motor vehicle, trailer, traction engine, farm tractor, road building machine, bicycle and any vehicle drawn, propelled or driven by any kind of power, including muscular power, but does not include a motorized snow vehicle or street car.

3.0 FEES AND DEPOSITS

Non-refundable application fees and refundable deposits, as described in Schedule “A”, must accompany each entrance application. Fees shall be payable in cash, by cheque payable to the County of Lanark or by Interact Debit. Deposits shall be by certified cheque payable to The County of Lanark.

Fees and deposits will be waived for entrance applications submitted by local municipalities in the County of Lanark.

The entrance application fees and deposits will be subject to annual review and revision by Council as they deem appropriate.

4.0 TYPE, LOCATION, SPACING AND NUMBER OF ENTRANCES

Type of Entrance

Entrance types governed by this policy as defined in “2.0 – DEFINITIONS” are as follows:

- Agricultural (Farm and Field)
- Commercial, Industrial, Institutional and Multi Residential
- Other
- Private Road
- Public Road
- Residential
- Temporary

All entrances applied for must be of a type consistent with the permitted use of the land being accessed, as described by the local municipal official plan and/or zoning by-law.

Location of Entrance

Road safety, road efficiency and local site condition criteria must be satisfied before access to a County Road will be permitted.

Road Safety Criteria

Stopping Sight Distance

All new entrances must provide unobstructed sight distance, in **both** directions as shown in the following table. When braking occurs on a downgrade, the effect of the grade is to increase braking distance. Conversely, on an upgrade the effect is to reduce the braking distance. Therefore the minimum stopping sight distance is adjusted for entrances on County Roads

where the grade exceeds 3 percent. For the purposes of this policy the County has adopted the Minimum Stopping Sight Distances defined in the Ontario Good Roads Association Geometric Guidelines for Municipal Roads 1998.

The measurement of minimum site distances shall be in accordance with the following standards:

- a. The driver's eye level is defined as 1.05 metres above ground.
- b. The height of object (vehicle headlights) is defined as 0.65 metres above the road surface.
- c. For vehicles accessing the county road, visibility is measured from the driver's eye level, at a point set back 3 metres from the edge of pavement.

County Road Posted Speed (kilometres per hour)	Minimum Stopping Sight Distance m=metres ft=feet				
	Grade of County Road less than 3 %	Grade of County Road greater than 3 %			
		Upgrade		Downgrade	
		Greater than 3% but less than 6%	6% or greater	Greater than 3% but less than 6%	6% or greater
80	160 m/525 ft	150 m/492 ft	140 m/459 ft	170 m/558 ft	200 m/656 ft
70	135 m/443 ft	125 m/410 ft	120 m/394 ft	145 m/476 ft	165 m/541 ft
60	110 m/361 ft	105 m/344 ft	100 m/328 ft	115 m/377 ft	130 m/426 ft
50	85 m/279 ft	80 m/262 ft	80 m/262 ft	90 m/295 ft	100 m/328 ft
40	65 m /213 ft	60 m/197 ft	60 m/197 ft	65 m/213 ft	75 m/246 ft

Example: A new entrance to a County Road in an 80 kph (kilometres per hour) posted speed zone where there is a 6 percent grade must have a minimum sight distance of 140 metres (459 feet) in the direction downgrade from the entrance and 200 metres (656 feet) in the direction upgrade from the entrance.

Improvement of Sight Distances: Where the minimum required sight distances cannot be met without the removal of brush, rock cuts or other obstructions, the applicant may request permission to remove the obstructions, at no cost to the County. Such removals will normally be accomplished by a contractor retained by the owner and in accordance with the written specifications of the Director. If the Director stipulates that the work must be undertaken by County forces the applicant must provide a cheque or cash for the total estimated cost of the work, before the work begins.

Proximity to Bridges and Structures

Structures such as bridges may obstruct the vision of traffic using an adjacent entrance and traffic on the County Road approaching the entrance. Therefore entrances shall be located as shown in the table below:

Posted Speed (kph)	Entrance Type	Minimum Distance to Structure (m)
60 to 80	All	50
50 or less	All	As specified by the Director

Proximity to Intersections

On rural road sections entrances shall not be permitted within 50 metres of the intersection of a County and public or private road, regardless of the posted speed. Where possible, access to properties with frontage on a County and public/private road shall be from the public/private road.

Unless otherwise indicated, the distance between intersections shall be measured from the centre of the entrance to the centre of the intersection.

Proximity to Public/Private Roads

New roads resulting from Plans of Subdivision shall be permitted to intersect with a County Road at a distance of not less than 300 metres from an existing or proposed intersection onto a rural County Road section.

Proximity to Acceleration, Deceleration or Passing Lanes

On rural road sections entrances must be located at least 50 metres from acceleration, deceleration or passing lanes.

Road Efficiency Criteria

Proximity to Adjacent Entrances

For the purposes of this policy the **rural road sections** of the County Road system are divided into five groups based upon the following major considerations: traffic volume, type of traffic and the nature of the road. Spacing of all entrance types, except Commercial/Industrial/Institutional/Multi-Residential shall be as described in Schedule "B".

On **urban road sections**, in towns, villages, hamlets and settlement areas, one (1) residential entrance per lot shall be permitted.

In **built-up areas** that are not designated as towns, villages, hamlets or settlement areas, residential entrances will be permitted only where the need for the entrance is as a result of "in-filling" and the mandatory road safety criteria are met. Residential entrances which **extend the limits of existing urban or built-up areas** shall not be permitted.

Spacing of **Commercial/Industrial/Institutional/Multi-Residential** shall be subject to site plan review and approval by the Director.

Unless otherwise indicated, the distance between an adjacent entrance shall be measured from the centre of the adjacent entrance.

The spacing of adjacent entrances will be subject to review and revision by Council as they deem appropriate.

Local Site Conditions

Above and Below Ground Utilities

It is the applicant's responsibility to locate all underground utilities prior to the installation of their entrance. If utility poles, wires or other fixtures on the road allowance must be removed or relocated to accommodate the applicant's entrance, the cost of all such work shall be borne by the applicant. Coordination of such work with the applicable utility shall be the applicant's responsibility.

Number of Entrances

The number of entrances permitted will be the minimum necessary to accommodate the needs of each development. Multiple entrances shall only be approved where a single entrance would not provide reasonable access. Entrances will be assessed on a case by case basis and if justified may be permitted at the discretion of the County.

A Traffic Impact Study completed by the Developer shall be considered by the Director when determining the number of entrances required for Commercial, Industrial, Institutional and Multi- Residential Entrances.

Residential Entrances: Only one (1) entrance per residential lot shall be permitted.

Farm Entrances: Only one (1) entrance per farm property shall be permitted.

Field Entrances: No more than three (3) field entrances to a property shall be permitted.

5.0 ADMINISTRATION

Entrance Inquiries

A prospective property buyer or their agent may inquire if an Entrance Permit has been issued for an *existing* entrance. The Public Works Department will complete the necessary file search, at no cost, and respond within two (2) working days of receiving the inquiry.

Questions by prospective property owners or their agents regarding the possible location of *new* entrances will not be considered by Department staff until an Entrance Inquiry Application has been submitted with a non-refundable \$100 fee. Upon receipt of the application and fee Public Works Department staff shall visit the site and respond to the inquiry within five (5) working days. In any case an Entrance Application, as described below, must be submitted if

the property is ultimately purchased by the prospective buyer. The \$100 Entrance Inquiry fee will be deducted from the Entrance Application fee, if the full Entrance Application is submitted within one year of the Inquiry Application.

Entrance Application Process

Entrance applications **will not be approved** when winter conditions make site inspections impossible.

Submission Requirements: All requests to construct new entrances (except commercial/industrial/institutional/multi-residential entrances) or to alter or close existing entrances on County Roads shall be submitted, on the appropriate application forms, to the County Public Works Department. One (1) application shall be submitted for each entrance and fees and deposits are payable for each entrance application. Requests shall include:

- i) Completed Entrance Application
- ii) Registered Plan of property
- iii) Proof of Insurance
- iv) Proof of Ownership
- v) Application fee and deposit

If a plan of the property is not available a detailed sketch with the appropriate dimensions must be submitted with the application.

Application Review: Applications will be reviewed by County staff for completeness and compliance with the policy. **The County review process will not begin until receipt of a complete application package, as described above.** The application process for non-commercial entrances that comply with the County policy will, under normal circumstances, not exceed **twenty business days** from the date that the completed application is received until the approval to install the entrance is granted. Changes to the application by the applicant during the review process will increase the length of the review period. Applications for commercial, industrial, institutional or multi- residential entrances will be considered in conjunction with the Site Plan Development or Sub-Division approval process. Under normal circumstances the application approval process shall not exceed **thirty business days** from the date that the site plan is received.

First Site Inspection: A site inspection by Public Works staff shall normally be performed within 10 working days of receipt of the application. The site inspection shall determine if the application conforms to the County policy; the size, type, and location of the culvert required to ensure proper road drainage and the requirement for curb cuts, brushing or other work.

Site Meeting with Applicant: If the application does not conform to the County Policy a **mandatory site meeting** shall be held with the applicant or their agent to review conditions in the field and discuss alternatives. No further action will be taken by the County in such cases until the mandatory site meeting has occurred.

Application Approval: Applicants will be notified in writing when their application has been approved. Notification shall include the Entrance Design Specification and insurance requirements.

Installation: No work shall commence until the owner has received the approved County Entrance Design Specification, a copy of which must be on the site while work is being done. The property owner shall be responsible for the construction of the entrance and any works associated with it, including the necessary traffic safety measures (In accordance with Ontario Traffic Manual Book 7) during construction. The owner may engage a contractor to complete the work. The entrance shall be installed in accordance with the Design Specification and all conditions. The County, at their sole discretion, may request advance notice of the installation date in order that County staff can be present at the commencement of installation.

Removal of Redundant Entrances: Redundant entrances that are created as a result of the approval of a new entrance application shall be removed and reinstated as specified by the Director. In urban road sections reinstatement may include the installation of curb and gutter, sidewalk and boulevard to conform to the existing conditions. Removal of existing entrances and reinstatement will be completed coincident with the installation of the new entrance, at the owners cost, as specified in the Entrance Design Specification. The owners deposit shall not be returned until all such removals and reinstatement have been completed.

Final Inspection: The owner shall inform the Public Works Department immediately after the installation of the entrance and the completion of any other work stipulated in the Design Specification. The Public Works Department shall inspect the site within five working days of receiving notification of completion. If the inspection is not successful the County shall notify the owner of the deficiencies to be remedied in accordance with “Non- Compliance with the Policy” paragraph below.

Permit Issuance: Within five working days of a successful final inspection of the site by the Public Works Department the applicant’s deposit shall be returned with the Entrance Permit. The owner should retain the Entrance Permit to ensure that it is available to future owners of the property.

Denial of Entrance Application

Entrance applications that do not conform to this policy shall be denied and the applicant shall be so informed in writing within five days of the Director’s decision. The applicant’s deposit shall also be returned at this time. If the entrance has been denied because of proximity to an adjacent entrance (ie. Insufficient spacing) the applicant may request to appear before the County Public Works Committee at their monthly meeting. Such requests must be received by the Director at least two (2) weeks prior to the scheduled meeting and include a written summary of the applicant’s presentation to the Committee. The applicant’s summary shall be distributed to the Committee members with the Agenda. The applicant’s verbal presentation to the Committee shall be no longer than ten minutes. The Director shall prepare a report with recommendations regarding the applicant’s presentation for the next scheduled meeting of the Committee. The Committee’s recommendation shall then be considered by County Council. The Director shall inform the applicant in writing of Council’s decision as soon as possible.

Severances

Where an application for severance is made on a County Road on which the right-of-way has not been widened to the standard limits, the Public Works Department may request the conveyance of the said widening as a condition of granting of the severance. The conveyance of property for future road widening purposes may be required on both the severed and

retained parcels. Sight triangles on parcels adjacent to existing public or private roads may also be required as a condition of severance. Also the dedication of a 0.3 metre reserve along the frontage of the severed and/or the retained parcel may be required as a condition of severance approval.

Subdivisions

Plans of Subdivision with frontage on County Roads may include public roads to provide access to the Subdivision internal street network. The Developer shall undertake a Traffic Impact Assessment, at no cost to the County, to determine the traffic implications and requirements of the development. Such requirements may include the installation of traffic signals, street lights, road signs, left turn lanes, right turn deceleration lanes, curb and gutter and the provision of storm drainage or other road works to ensure an adequate level of service on the County Road.

Cancellation of Application

Where the entrance has not been constructed within one (1) year of the date of the application, then the application shall be null and void. A written request to extend the term of the application may be made to the County Public Works Department before the application expires. An extension may be approved or refused at the discretion of the Director. If the application expires the County may request the removal of all works associated with the entrance, at no expense to the County, and the site shall be restored to its original condition.

Non-Compliance with the Policy

Where a new entrance is constructed or an existing entrance is altered contrary to the standards contained herein, the property owner shall be advised of their non-compliance with the County policy by registered letter. Removal or correction of the non-compliant entrance shall occur not less than ten (10) business days after this notification. If the non-compliant entrance is not removed or corrected the applicant's deposit shall be forfeited and the entrance shall be removed or corrected by the County Public Works Department. Should the costs to the County exceed the deposit, the balance of the cost shall be charged to property owner. If no deposit has been received the total cost of the entrance removal will be charged to the property owner. The property owner shall not be entitled to any compensation or damages by reason of or arising out of the work associated with the non-compliant entrance. If necessary the Director may request that the local municipality include any balance owing to the County on the owner's property tax bill.

Maintenance of Entrances

Residents having access to a County road are fully responsible for the maintenance of the entrance to their property. Maintenance includes but is not limited to the removal of snow and ice, shoulder gravel and winter sand. During the winter the County will not clear entrance culverts that have become blocked as a result of improper snow disposal by the resident. Culverts that collapse deteriorate or become unsuitable for proper drainage shall be replaced by the property owner at their expense. If necessary the Director may request that the local municipality include any costs incurred by the County Public Works Department to correct the problem on the owner's property tax bill.

Road Reconstruction/Rehabilitation

Existing entrances that are affected by the reconstruction/rehabilitation of a County Road will be reinstated by the County. Any construction materials that are salvaged shall remain the property of the County.

6.0 ENTRANCE DESIGN SPECIFICATIONS

All works related to or forming a part of an approved entrance shall be carried out in accordance with the following specifications:

Entrance Configuration: Shall conform to the designs shown at Schedule "C" for the type and location of entrance to be constructed.

Entrance Angle of Approach: The entrance shall as nearly as practicable intersect the County Road at 90 degrees. In exceptional circumstances, the Director may authorize an intersection of not less than 70 degrees.

Entrance Grade: Entrances must be designed, constructed and maintained to ensure that surface water from the adjoining property is not discharged onto the County Road, unless storm sewer drainage is available. Entrance Grade will be as per the Entrance specification provided at the time of approval.

Surface Type and Width: Shall be as specified below for each type of entrance. The use of concrete or paving stones within the right-of-way is prohibited. The County will not be responsible for damage done to the portion of a driveway within the right-of-way if it has been changed or altered in any way.

Agricultural Entrance: Shall be surfaced with a least 100 mm (4") crushed gravel (Granular "A"). Entrances will have a minimum entrance width of 5 metres. Entrances wider than 10 metres will not be permitted.

Residential Entrance: Shall be surfaced with a least 150 mm (6") crushed gravel (Granular "A"). At the property owner's option a 50 mm thickness of asphalt HL3 may be placed on that portion of the entrance within the right-of-way. Entrances of this type will normally have a minimum entrance width of 5 metres.

Commercial, Industrial, Institutional and Multi Residential: Entrances of this type will be of a surface type to meet the requirements of the number and types of vehicles using the entrance. In many instances this may require a minimum of 50 mm of asphalt HL3 over 150 mm of crushed gravel. Entrances of this type will normally not be less than 8 metres in width. Entrances shall be designed in accordance with the Ministry of Transportation "Commercial Site Access Policy and Standard Designs." All such entrances shall be reviewed on a case by case basis and if appropriate, approved by the Director.

Private and Public Roads: Shall conform to the development standards of the municipality in which the development is situated.

Curb and Gutter: Where curb and gutter exists at the location of the proposed entrance, the applicant will be required to construct a curb cut at the entrance location. The existing curb

shall be removed and replaced using material acceptable to the Director or altered in accordance with the Director's requirements. The area between the curb and sidewalk is to be paved with a minimum 50 mm thickness of asphalt HL3. If there is no sidewalk, the entrance is to be paved to the property line.

Culverts: The diameter of a culvert must be sufficient to maintain the free flow of water in the ditch. The length of the culvert is determined by the width of the entrance plus the width of the slopes on both sides of the entrance, as measured from the bottom of the ditch. The culvert length and size will be determined by the County of Lanark and provided as part of the specification.

Curb and/or Headwalls: No curb or headwall shall extend above the surface of the roadway shoulder within a distance of 4 metres from the edge of the pavement.

Catch Basins: When a culvert in excess of 12 metres in length is required, the applicant shall be required to pay the entire cost of construction of as many catch basins, inlet or outlet structures as may be necessary, in the opinion of the Director, to facilitate surface drainage from or along the side of the roadway.

SCHEDULE "A" – FEES AND DESPOSITS

Application	Fee (non-refundable) (Note 2)	Deposit (Refundable)
Alter Existing Entrance (Note 1)	\$100	None
Commercial/Industrial/Institutional/ Multi Residential Entrance	\$300	\$1,000
Entrance Inquiry (Note 3)	\$100	None
Farm Entrance	\$100	None
Field Entrance	\$100	None
Private Road Entrance	\$500	\$1,000
Residential Entrance: Severance Related	\$250	\$500
Not Severance Related	\$150	\$500
Temporary Entrance	\$100	\$500
Additional Inspections (Note 2)	\$50	None

NOTES:

1. An Application to Alter an Existing Entrance, without changing the type of entrance, must be submitted before:
 - i) Paving an existing gravel entrance
 - ii) Replacing an existing entrance culvert
 - iii). Adding an extension to an existing entrance culvert
 - iv). Widening an existing entrance

2. The non-refundable application fee includes all costs associated with the processing of the application, including up to three (3) visits to the site, if necessary, by Public Works Department staff. An additional \$50 fee will be charged for each additional site visit that is required as a result of changes to the application by the applicant. The additional fee shall be payable before the additional site visit is scheduled.

3. This Entrance Inquiry fee will be deducted from the Entrance Application fee, if the full application is submitted within one year of the Inquiry Fee.

SCHEDULE "B" – SPACING OF ENTRANCES

Annual Average Daily Traffic (AADT)	Minimum Spacing Requirements (Metres)	Group
Section is in a built up Area	Spacing is Consistent with Built Up Area	A
0 - 600 AADT	50	B
601 - 2999 AADT	100	C
3000 - 6999 AADT	150	D
7000 + AADT	200	E

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
1-Rideau Ferry Road	Leeds Boundary	Yacht Club Road	0.51	001000	3200	60	3	A
1-Rideau Ferry Road	Yacht Club Road	Port Elmsley Road (CR 18)	1.91	001005	3200	80	3	D
1-Rideau Ferry Road	Port Elmsley Road (CR 18)	Elmgrove Rd (CR 21)	2.12	001024	3500	80	3	D
1-Rideau Ferry Road	Elmgrove Rd (CR 21)	Millar Brooke Way	1.98	001045	4200	80	3	D
1-Rideau Ferry Road	Millar Brooke Way	Wild Life Road	2.2	001065	4200	70	3	D
1-Rideau Ferry Road	Wild Life Road	South Street (CR 10)	1.72	001087	6500	70/60	3	D
2-Heritage Drive	Merrickville Boundary	Gilroy Road (Ottawa Boundary)	4.9	002000	1750	80	3	C
4-Roger Stevens Drive	Rideau Avenue	Code Drive	1.08	004000	5000	60	3	A
4-Roger Stevens Drive	Code Drive	Rosedale Road S (CR 23)	4.41	004011	3900	80	3	D
4-Roger Stevens Drive	Rosedale Road S (CR 23)	Fletcher Road	7.83	004055	3900	80	3	D
4-Roger Stevens Drive	Fletcher Road	Montague Boundary Rd (Ottawa Boundary)	4.28	004134	3000	80	3	D
6-Althorpe Road	Bolingbroke Road (CR 36)	Hanna Road	6.79	006000	400	80	4	B
6-Althorpe Road	Hanna Road	Christie Lake North Shore Road	7.38	006068	800	80	4	C
6-Christie Lake Road	Christie Lake North Shore Road	Cameron Side Road	2.84	006143	1250	80	3	C
6-Christie Lake Road	Cameron Side Road	PIN #1940 (Dewiits Corners)	0.76	006172	1700	60	4	A
6-Christie Lake Road	PIN #1940 (Dewiits Corners)	PIN #910 (Glen Tay)	5.03	006178	1700	80	3	C
6-Christie Lake Road	PIN #910 (Glen Tay)	PIN #793 (Glen Tay)	0.56	006231	2800	60	4	A
6-Christie Lake Road	PIN #793 (Glen Tay)	County Admin. Entrance	3.6	006237	2800	80	3	C

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
7-Fallbrook Road	Hwy 511 (CR 511)	Balderson Hamlet Sign	0.27	007000	2000	60	4	A
7-Fallbrook Road	Balderson Hamlet Sign	Fall Crescent (North)	5.9	007002	2000	80	3	C
7-Fallbrook Road	Fall Crescent (North)	Bennett Lake Road (CR 19)	0.46	007062	1500	50	4	A
7-Fallbrook Road	Bennett Lake Road (CR 19)	MacKay Line	0.29	007067	1500	50	4	C
7-Fallbrook Road	MacKay Line	McDonalds Corners Rd (CR 12)	1.57	007070	1500	80	3	C
7B-Townline Road West	Hwy. #7	PIN #267 (Mississippi Mills Boundary)	1.25	007900	3500	60	3	A
7B-Townline Road West	PIN #267 (Mississippi Mills Boundary)	Bridge Street	0.86	007912	7400	50	3	A
7B-Townline Road East	Bridge Street	McNeely Ave. (CR 29)	1.14	007921	8350	40/50	3	A
8-Watsons Corners Road	McDonalds Corners Road (CR 12)	Hollie Drive	0.76	008000	620	50	4	C
8-Watsons Corners Road	Hollie Drive	PIN #2607 (Watsons Corners)	8.88	008008	620	60/80	4	C
8-Watsons Corners Road	PIN #2607 (Watsons Corners)	PIN #2462 (Watsons Corners)	0.73	008102	620	50	4	A
8-Watsons Corners Road	PIN #2462 (Watsons Corners)	Hwy 511 (CR 511)	5.41	008104	900	80	4	C
8-Herron Mills Road	Hwy 511 (CR 511)	6th Con. C Lanark (CR 8)	6.39	008160	450	80	4	B
8-6th Con. C Lanark	Herron Mills Road (CR 8)	Wolf Grove Road (CR 16)	0.4	008224	500	60	5	A
9-Tatlock Road	Hwy. #7	Wolf Grove Road (CR 16)	8.81	009000	650	80	4	C
9-Tatlock Road	Wolf Grove Road (CR 16)	PIN #2746 (Clayton)	3.83	009089	1200	80	3	C
9-Tatlock Road	PIN #2746 (Clayton)	Bay Road	1.05	009129	1200	60	4	A
9-Tatlock Road	Bay Road	Munro Line	5.09	009138	550	80	4	B
9-Tatlock Road	Munro Line	PIN #4277 (Halls Mills Bridge)	0.85	009152	550	80	4	B
9-Tatlock Road	PIN #4277 (Halls Mills Bridge)	7th Con. Darling	6.7	009191	550	80	4	B
9-Tatlock Road	7th Con. Darling	Hwy 511 (CR 511)	5.03	009267	400	60	5	B
9A-McIlraith Road	Hwy 511 (CR 511)	4th Con Darling	0.39	009900	600	60	5	B
10-Scotch Line	Leeds Boundary	Narrows Locks Road (CR 14)	8.4	010000	2000	80	3	C
10-Scotch Line	Narrows Locks Road (CR 14)	Otty Lake Side Road	7.26	010084	3500	80	3	D
10-Scotch Line	Otty Lake Side Road	PIN #2022 (Perth)	1.21	010157	6100	60	3	A
10-South Street	PIN #2022 (Perth)	Rideau Ferry Road (CR 1)	1.03	010170	6500	50	3	A

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
10-Drummond Con. 2	PIN #24 (Perth)	Spence Road	1.21	010192	3200	60	3	D
10-Drummond Con. 2	Spence Road	Richardson Side Road	5.99	010204	3200	80	3	D
10-Drummond Con. 2	Richardson Side Road	DNE/Beckwith Boundary (Day Road)	7.28	010264	3200	80	3	D
10-Perth Road	DNE/Beckwith Boundary (Day Road)	Gillies Corners Hamlet Sign West	1.39	010337	3300	80	3	D
10-Perth Road	Gillies Corners Hamlet Sign West	Gillies Corners Hamlet Sign East	1.85	010350	3300	60	3	A
10-Perth Road	Gillies Corners Hamlet Sign East	Franktown Hamlet Sign West	2.83	010363	3300	80	3	D
10-Perth Road	Franktown Hamlet Sign West	Hwy. #15	0.67	010398	3300	60	3	A
10-Richmond Road	Hwy. #15	Derry Side Road (CR 17)	6.14	010405	4200	80	3	D
10-Richmond Road	Derry Side Road (CR 17)	Crooked Side Road	3.19	010467	4200	80	3	D
10-Richmond Road	Crooked Side Road	Windmill Crescent	0.49	010497	4200	60	3	A
10-Richmond Road	Windmill Crescent	Ashton Station Road North	0.64	010500	4200	80	3	D
11-Wilson Street	CR 29 South	Appleton Hamlet Sign	1.34	011000	1200	60	4	C
11-Wilson Street	Appleton Hamlet Sign	River Road	0.93	011015	1200	50	4	A
11-River Road	River Road	Appleton Side Road (CR 17)	0.98	011023	1050	60	4	A
12-McDonalds Corners Road	Elphin Maberly Road (CR 36)	2nd Con North Sherbrooke	1.31	012000	650	60 / 80	4	C
12-McDonalds Corners Road	2nd Con North Sherbrooke	Mill Avenue	6.44	012003	650	80	4	C
12-McDonalds Corners Road	Mill Avenue	Watsons Corners Road (CR 8)	0.88	012079	1000	50	4	A
12-McDonalds Corners Road	Watsons Corners Road (CR 8)	McDonalds Corners Hamlet Sign	0.68	012088	1300	50	4	A
12-McDonalds Corners Road	McDonalds Corners Hamlet Sign	Fallbrook Road (CR 7)	8.96	012091	1300	80	3	C
12-McDonalds Corners Road	Fallbrook Road (CR 7)	PIN #2614 (Lanark Village)	5.25	012185	1000	80	4	C
12-Markle Road	PIN #2614 (Lanark Village)	Argyle Street South	1.2	012236	1000	60	4	A
12-Mill Street	Argyle Street South	George Street (CR 511)	0.37	012250	1000	50	4	A
12-South Street	Hwy 511 (CR 511)	Roberts Road	0.65	012254	1450	50	4	A
12-Pine Grove Road	Roberts Road	Lanark Village Sign	0.29	012260	1450	50	3	A
12-Pine Grove Road	Lanark Village Sign	7th Con. A Lanark	5.22	012267	1450	80	3	C
12-Pine Grove Road	7th Con. A Lanark	Fergusons Falls Road (CR 15)	4.64	012315	850	70	4	C

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
14-Narrows Lock Road	Leeds Boundary (Big Rideau North Shore)	Merkley Road (Days Corner)	2.36	014000	350	60	5	D
14-Narrows Lock Road	Merkley Road (Days Corner)	Lally Road (CR 21)	5.67	014024	350	60	5	D
14-Narrows Lock Road	Lally Road (CR 21)	Long Lake Road	3.36	014081	450	80	4	D
14-Narrows Lock Road	Long Lake Road	Scotch Line (CR 10)	5	014130	800	80	4	C
15-Fergusons Falls Road	Hwy 511 (CR 511)	Drummond Con. 12B	8.5	015000	750	80	4	C
15-Fergusons Falls Road	Drummond Con. 12B	Ferguson's Falls Hamlet Sign East	1.51	015086	750	60	4	A
15-Fergusons Falls Road	Ferguson's Falls Hamlet Sign East	Pine Grove Road (CR 12)	0.57	015099	750	80	4	C
15-Fergusons Falls Road	Pine Grove Road (CR 12)	Hwy. #7	4.95	015108	1300	80	3	C
16-South Lavant Road	Frontenac Boundary	Morrison Lane	5.2	016000	150	60	5	B
16-South Lavant Road	Morrison Lane	Lavant Mill Road	1.75	016052	150	40	5	B
16-South Lavant Road	Lavant Mill Road	Umpherson Mill Road	8.25	016070	200	60	5	B
16-South Lavant Road	Umpherson Mill Road	PIN #2264 (Poland)	0.56	016153	200	40	5	B
16-South Lavant Road	PIN #2264 (Poland)	Hwy 511 (CR 511)	8.73	016158	350	80	4	B
16-Wolf Grove Road	Hwy 511 (CR 511)	Hopetown Hamlet Limit (60 Max Sign)	0.37	016247	1100	60	4	A
16-Wolf Grove Road	Hopetown Hamlet Limit (60 Max Sign)	PIN #4248 (Middleville)	3.76	016249	1100	80	3	C
16-Wolf Grove Road	PIN #4248 (Middleville)	CR 8 (6th Con C Lanark)	0.16	016250	1100	60	4	C
16-Wolf Grove Road	CR 8 (6th Con C Lanark)	PIN #4132 East Entrance (Middleville)	0.42	016290	1400	60	4	C
16-Wolf Grove Road	PIN #4132 East Ent (Middleville)	Ramsay Con 1	9.24	016292	1400	80	3	C
16-Wolf Grove Road	Ramsay Con 1	Tatlock Road	1.4	016387	1400	80	3	C
16-Wolf Grove Road	Tatlock Road	Civitan Hall Ent (Almonte)	9.25	016401	3000	80	3	D
16-Almonte Street	Civitan Hall Ent (Almonte)	Christian Street (CR 29)	0.25	016494	3200	60	3	A
16A-Perth Street	Christian Street (CR 29)	Bridge Street	0.31	016900	4500	50	3	A
16A-Bridge Street	Perth Street	Centre of Maclan Bridge	0.98	016903	4500	50	3	A
16A-Queen Street	Centre of Maclan Bridge	Martin Street South	0.27	016913	8000	50	3	A
16A-Martin Street South	Queen Street	Ottawa Street		016916	8000	50	3	A
17-Derry Side Road	Richmond Road (CR 10)	9th Line Beckwith	7.21	017000	650	80	4	C
17-Cemetery Side Road	9th Line Beckwith	Hwy. #7	2.94	017072	1200	50/70	3	A

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
17-Appleton Side Road	Hwy. #7	River Road (CR 11)	5.38	017101	800	80	4	C
17-Appleton Side Road	River Road (CR 11)	March Road (CR 49)	7.35	017155	1100	80	3	C
17-Martin Street North	Ottawa Street	Brookdale Street	0.6	017229	2200	50/40	4	C
17-Martin Street North	Brookdale Street	Railway Crossing	2.21	017237	1100	80	3	C
17-Martin Street North	Railway Crossing	PIN #6466 (Blakeney)	2.43	017259	1100	80	3	C
17-Martin Street North	PIN #6466 (Blakeney)	Blakeney Road (CR 17)	0.48	017284	1100	60	4	A
17-Blakeney Road	Blakeney Road (CR 17)	Ridge Road	0.61	017287	650	60	4	A
17-Blakeney Road	Ridge Road	Panmure Road	1.52	017293	650	80	4	C
17-Panmure Road	Blakeney Road (South)	Blakeney Road (North)	0.73	017308	300	80	4	B
17-Blakeney Road	Panmure Road	Kinburn Sideroad (CR 20)	6.71	017315	300	80/60	4	B
18-Port Elmsley Road	Rideau Ferry Road (CR 1)	PIN #310 DNE Township Office	4.62	018000	1150	80	3	C
18-Port Elmsley Road	PIN #310 DNE Township Office	CR #43	1.06	018053	1150	60	4	A
19-Bennett Lake Road	Fallbrook Road (CR 7)	PIN #155 (Fallbrook)	0.27	019000	450	50	5	B
19-Bennett Lake Road	PIN #155 (Fallbrook)	Osprey Road	8.97	019002	450	80	4	B
19-Bennett Lake Road	Osprey Road	Start of Gravel	4.35	019093	120	80	4	B
19-Bennett Lake Road	Start of Gravel	End of Gravel	2.37	019136	120	80	4	B
19-Bennett Lake Road	End of Gravel	Maberly Elphin Road (CR 36)	1.58	019156	150	80	4	B
20-Kinburn Side Road	Timmins Road (Ottawa Boundary)	Blakeney Road (CR 17)	1.48	020000	1900	80	3	C
20-Kinburn Side Road	Blakeney Road (CR 17)	CR 29 North	0.6	020015	1900	60	4	C
20-Waba Road	CR #29 North	Five Arches Drive	0.75	020021	1650	50	4	A
20-Waba Road	Five Arches Drive	Shaw Road (CR 22)	5.18	020029	1650	80	3	C
20-Waba Road	Shaw Road (CR 22)	Campbell Side Road (CR 24)	7.66	020081	1000	80	3	C
20-Waba Road	Campbell Side Road (CR 24)	Robertson Line (Renfrew Boundary)	1.04	020158	1000	80	3	C
21-Lally Road	Narrows Lock Road (CR 14)	Lally Lake Drive	5.19	021000	100	60	5	B
21-Elm Grove Road	Lally Lake Drive	Tay Valley Sign	6.87	021055	600	60	4	B
21-Elm Grove Road	Tay Valley Sign	Rideau Ferry Road (CR 1)	4.1	021123	1600	60	4	C
22-Shaw Road	Waba Road (CR 20)	Lunney Road (Ottawa Boundary)	2.69	022000	500	80	4	B

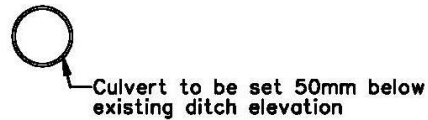
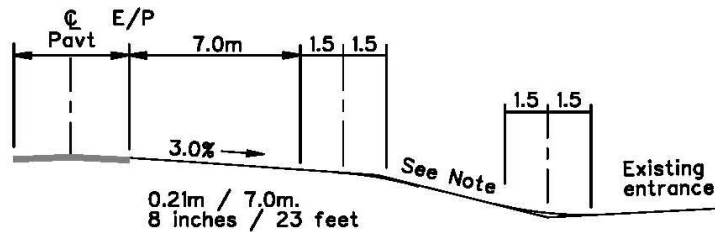
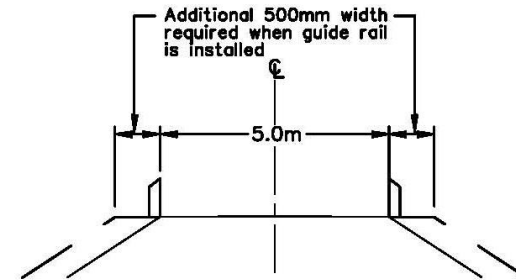
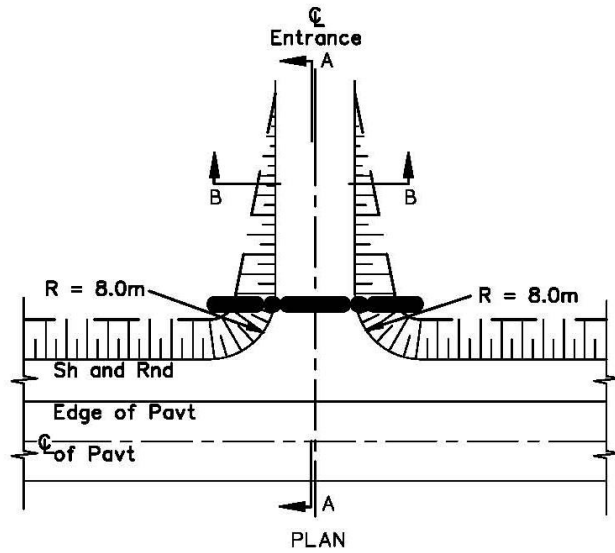
ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
23-Rosedale Road South	CR #43	Guthrie Road	2.79	023000	600	80	4	B
23-Rosedale Road South	Guthrie Road	Roger Stevens Drive (CR 4)	3.06	023028	600	60/80	4	B
24-Peneshula Road	Snye Road	Bellamy Road	3.09	024000	800	60	4	B
24-Bellamy Road	Peneshula Road	4th Con. Pakenham	3.36	024031	900	80	4	B
24-4th Con. Pakenham	Bellamy Road	Campbell Side Road	1.18	024065	900	80	4	B
24-Campbell Side Road	4th Con. Pakenham	Waba Road (CR 20)	2.91	024077	620	80	4	B
29-McNeely Avenue	Hwy. #7	Lake Avenue	1.57	029000	12000	80	2	A
29-McNeely Avenue	Lake Avenue	Town Line Road. East (CR 29)	1.17	029016	11000	60	3	A
29-Town Line Road East	McNeely Avenue	Ramsay Con. 8	0.2	029028	9000	50	3	A
29-County Road #29 South	Ramsay Con. 8	Wilson Street (CR 11)	1.89	029030	8000	80	2	E
29-County Road #29 South	Wilson Street (CR 11)	Perth Street (CR 16A)	7.35	029049	7000	80	2	E
29-Christian Street	Perth Street (CR 16A)	Almonte Street (CR 16)	0.61	029123	5000	70	3	A
29-Christian Street	Almonte Street (CR 16)	Gleeson Road	0.72	029129	3700	70	3	A
29-County Road #29 North	Gleeson Road	Snedden Road	6.32	029136	3700	80	3	D
29-County Road #29 North	Snedden Road	McWatty Road	7.47	029200	3700	80	3	D
29-County Road #29 North	McWatty Road	Waba Road (CR 20)	0.81	029275	3700	50	4	A
29-County Road #29 North	Waba Road (CR 20)	Kinburn Sideroad (CR 20)	0.37	029283	2800	50	4	A
29-County Road #29 North	Kinburn Sideroad (CR 20)	Walter Bradley Road	3.63	029287	2800	80	3	C
29-County Road #29 North	Walter Bradley Road	Lanark County Sign (Ottawa Boundary)	2.45	029324	2800	80	3	C
36-Bolingbroke Road	Leeds Boundary	Althorpe Road (CR 6)	0.71	036000	800	80	4	C
36-Bolingbroke Road	Althorpe Road (CR 6)	Hanna Road	5.65	036008	750	80	4	C
36-Bolingbroke Road	Hanna Road	Maberly Station Road	7.66	036065	500	80	4	B
36-Bolingbroke Road	Maberly Station Road	Hwy. #7	0.6	036140	500	60	4	A
36-Maberly Elphin Road	Hwy. #7	PIN #400 (Maberly)	1.58	036148	600	60	4	A

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
36-Maberly Elphin Road	PIN #400 (Maberly)	Bennett Lake Road (CR 19)	2.52	036159	600	80	4	B
36-Maberly Elphin Road	Bennett Lake Road (CR 19)	LDNS Sign (Twp Boundary)	2.93	036189	600	80	4	B
36-Elphin Maberly Road	LDNS Sign (Twp Boundary)	Elphin Hamlet Sign West	6.34	036217	600	80	4	B
36-Elphin Maberly Road	Elphin Hamlet Sign West	CR 12 (McDonalds Corners Road)	0.53	036280	500	60	4	B
36-Elphin Maberly Road	CR 12 (McDonalds Corners Road)	Elphin Hamlet Sign North	0.37	036287	500	60	4	B
36-Elphin Maberly Road	Elphin Hamlet Sign North	PIN #3923 (Frontenac Boundary)	4.38	036291	500	60/80	4	B
43-Hwy 43	Merrickville Boundary (West)	Rosedale Road S (CR 23)	8.49	043000	3600	80	3	D
43-Hwy 43	Rosedale Road S (CR 23)	New Smiths Falls Boundary	4.8	043086	4800	80	3	D
43-Hwy 43	Mazie Street (SFalls Boundary)	Station Road	7.65	043144	9000	80	2	E
43-Hwy 43	Station Road	Port Elmsley Road (CR 18)	0.25	043221	9000	60	3	A
43-Hwy 43	Port Elmsley Road (CR 18)	Meadow Lane	1.17	043224	8500	60	3	E
43-Hwy 43	Meadow Lane	Irwin Street	8.34	043306	7000	80	3	E
49-March Road	Ottawa Boundary	Appleton Side Road (CR 17)	2.9	049000	7500	80	2	E
511-Lanark Road	Hwy. #7	PIN #40 (Perth Boundary)	0.71	511000	8000	60	3	A
511-Hwy 511	PIN #40 (Perth Boundary)	Clarchris Road	0.69	511007	8000	70	3	A
511-Hwy 511	Clarchris Road	PIN #1325 (Balderson South)	5.04	511014	8000	80	2	E
511-Hwy 511	PIN #1325 (Balderson South)	Fallbrook Road (CR 7)	0.39	511067	8000	60	3	A
511-Hwy 511	Fallbrook Road (CR 7)	Township Boundary Road	0.32	511069	4000	60	3	A
511-Hwy 511	Township Boundary Road	Fergusons Falls Road(CR 15)	6.51	511072	4000	80	3	D
511-Hwy 511	Fergusons Falls Road(CR 15)	Toll Road	0.44	511138	4000	60	3	D
511-Hwy 511	Toll Road	South Street (CR 12)	0.62	511143	4000	50	3	A
511-South Street	South Street (CR 12)	George Street	0.08	511149	4000	50	4	A
511-George Street	Mill Street (CR 12)	Robertson Drive (South)	1.11	511150	5000	50	3	A
511-Hwy 511	Robertson Drive (South)	Robertson Drive (North)	1.08	511160	2200	80	3	D
511-Hwy 511	Robertson Drive (North)	Herron Mills Road (CR 8)	2.8	511171	2200	80	3	D
511-Hwy 511	Herron Mills Road (CR 8)	Watsons Corners Road(CR 8)	0.73	511202	2200	80	3	D
511-Hwy 511	Watsons Corners Road(CR 8)	PIN #5319 (Hopetown South)	3.37	511209	2200	80	3	D
511-Hwy 511	PIN #5319 (Hopetown South)	Wolf Grove Road (CR 16)	0.76	511248	2200	60	4	D
511-Hwy 511	Wolf Grove Road (CR 16)	PIN #5633 (Hopetown North)	0.77	511251	2100	60	4	D
511-Hwy 511	PIN #5633 (Hopetown North)	South Lavant Road (CR 16)	1.24	511257	2100	80	3	D

ROAD NAME	FROM:	TO:	KM	ASSET #	ANNUAL AVERAGE DAILY TRAFFIC	SPEED	MINIMUM MAINTENANCE STANDARD CLASS	GROUP
511-Hwy 511	South Lavant Road (CR 16)	McIlraith Road (CR 9A)	6.49	511272	2000	80	3	D
511-Hwy 511	McIlraith Road (CR 9A)	Tatlock Road (CR 9)	2.68	511335	500	80	4	B
511-Hwy 511	Tatlock Road (CR 9)	Radley Lane	3.92	511362	500	80	4	B
511-Hwy 511	Radley Lane	White Lake Road	8.68	511402	500	80	4	B
511-Lanark Road	White Lake Road	Renfrew Boundary	0.58	511489	500	80	4	B

SCHEDULE "C" – ENTRANCE CONFIGURATION

RURAL ENTRANCES TO COUNTY ROADS ON FILL



NOTES:

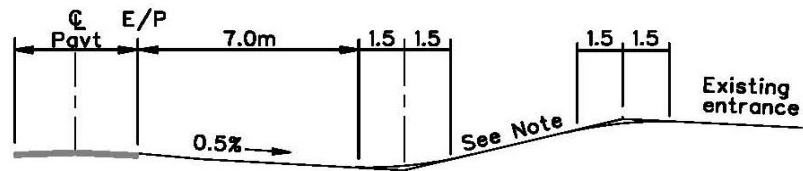
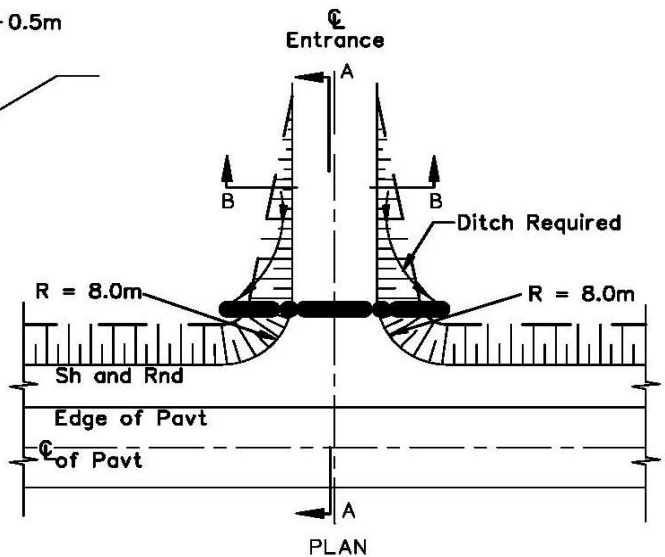
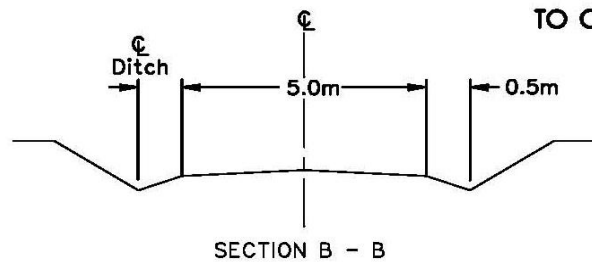
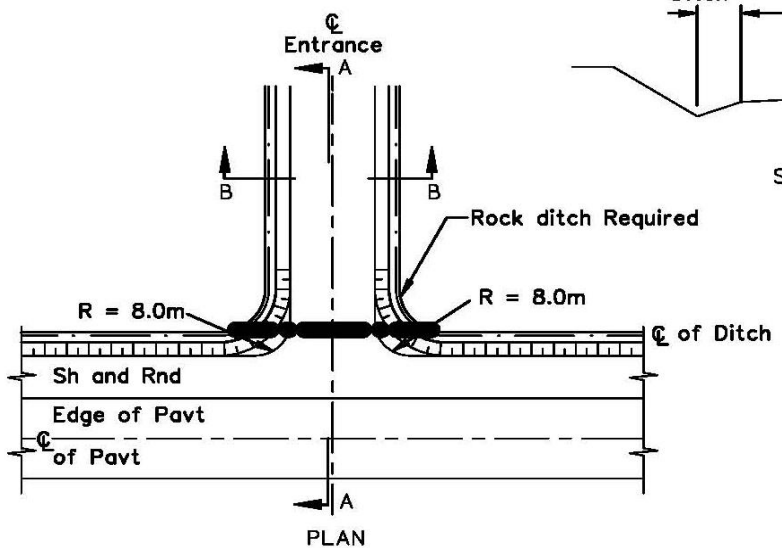
- A. DESIRABLE ENTRANCE CONFIGURATION, WHEN CONSTRAINTS PERMIT. DESIRABLE MAXIMUM GRADIENT: 6% FOR RESIDENTIAL ENTRANCES AND 10% FOR FARM ANF FIELD ENTRANCES.
- B ALL DIMENSIONS ARE IN MILLIMETRES OR METRES UNLESS OTHERWISE SHOWN.

**RURAL ENTRANCES
ON FILL
COUNTY OF LANARK**

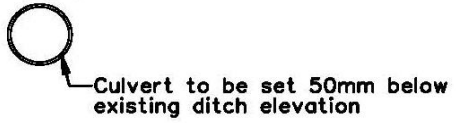
OCT 2019

RURAL ENTRANCES
TO COUNTY ROADS IN ROCK CUT

RURAL ENTRANCES
TO COUNTY ROADS IN EARTH CUT



0.035m / 7.0m.
1 1/2 inches / 23 feet



SECTION A - A

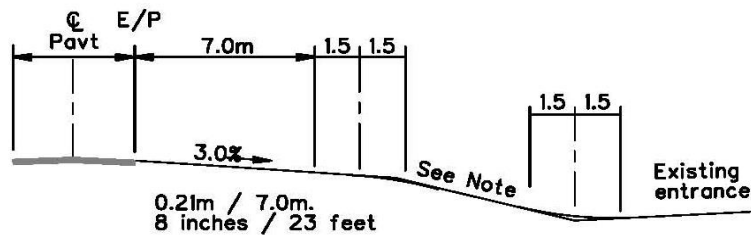
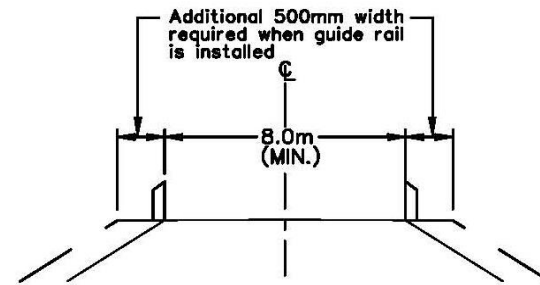
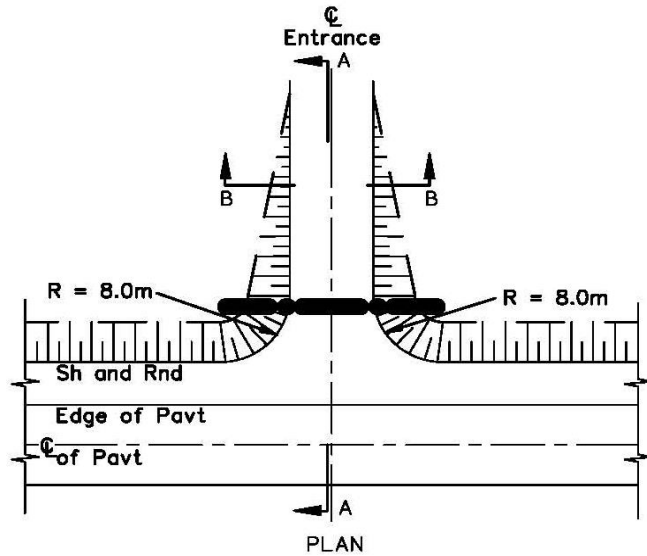
NOTES:

- A. DESIRABLE ENTRANCE CONFIGURATION, WHEN CONSTRAINTS PERMIT. DESIRABLE MAXIMUM GRADIENT: 6% FOR RESIDENTIAL ENTRANCES AND 10% FOR FARM ANF FIELD ENTRANCES.
- B. ALL DIMENSIONS ARE IN MILLIMETRES OR METRES UNLESS OTHERWISE SHOWN.

RURAL ENTRANCES
EARTH / ROCK CUT
COUNTY OF LANARK

OCT 2019

**COMMERCIAL, COMMON RESIDENTIAL OR FARM/ FIELD ENTRANCES
TO COUNTY ROADS ON FILL**



See Note
Existing entrance
Culvert to be set 50mm below existing ditch elevation

NOTES:

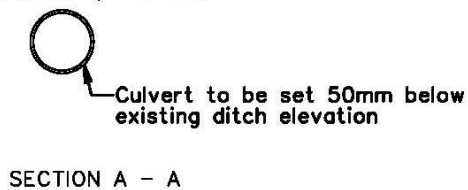
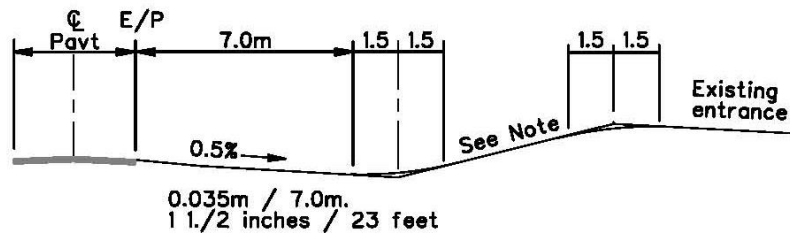
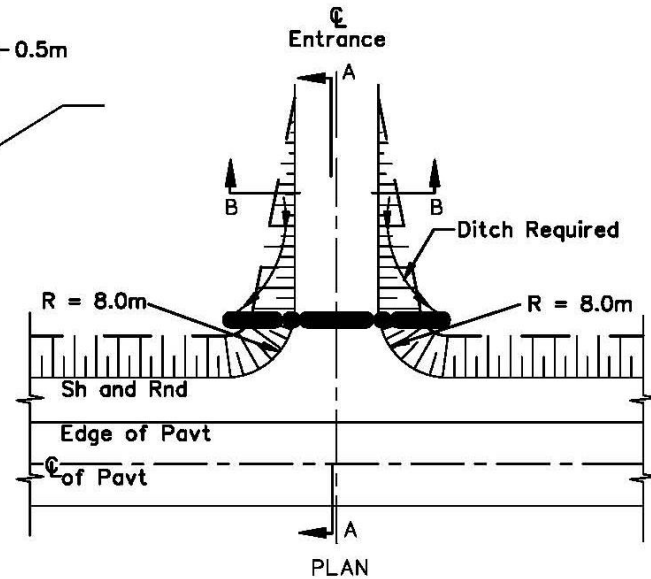
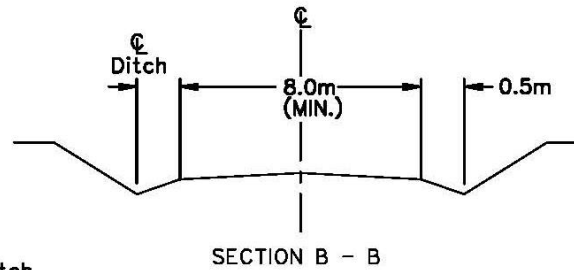
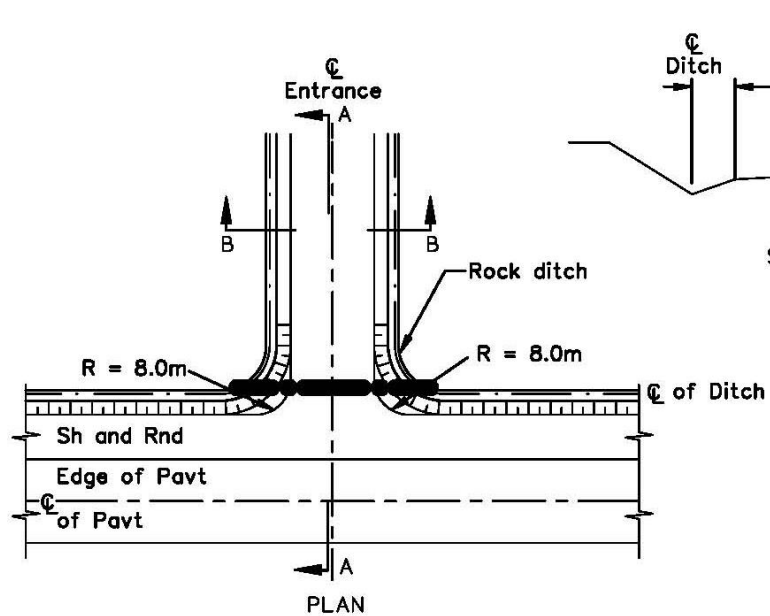
- A. DESIRABLE ENTRANCE CONFIGURATION, WHEN CONSTRAINTS PERMIT. DESIRABLE MAXIMUM GRADIENT: 6% FOR RESIDENTIAL ENTRANCES AND 10% FOR FARM ANF FIELD ENTRANCES.
- B. ALL DIMENSIONS ARE IN MILLIMETRES OR METRES UNLESS OTHERWISE SHOWN.

**COMMERCIAL, COMMON RESIDENTIAL
OR FARM/ FIELD ENTRANCES ON FILL
COUNTY OF LANARK**

OCT 2019

COMMERCIAL, COMMON RESIDENTIAL OR FARM/ FIELD ENTRANCES
TO COUNTY ROADS IN ROCK CUT

COMMERCIAL, COMMON RESIDENTIAL
OR FARM/ FIELD ENTRANCES
TO COUNTY ROADS IN EARTH CUT



NOTES:

- A. DESIRABLE ENTRANCE CONFIGURATION, WHEN CONSTRAINTS PERMIT. DESIRABLE MAXIMUM GRADIENT: 6% FOR RESIDENTIAL ENTRANCES AND 10% FOR FARM ANF FIELD ENTRANCES.
- B. ALL DIMENSIONS ARE IN MILLIMETRES OR METRES UNLESS OTHERWISE SHOWN.

COMMERCIAL, COMMON RESIDENTIAL
OR FARM/ FIELD ENTRANCES IN ROCK
CUT OR IN EARTH CUT

COUNTY OF LANARK

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