



# CORPORATION OF THE TOWNSHIP OF ADJALA-TOSORONTIO APPLICATION FOR ENTRANCE PERMIT

**PERMIT # EP \_\_\_\_\_**  
**Valid for 1 year only**

DATE OF APPLICATION	ROLL #	Lot	Concession	€ Adjala
_____	_____	_____	_____	€ Tosorontio
911 #	Street Name			
_____	_____			
APPLICANT NAME	_____			PHONE #
MAILING ADDRESS	_____			
PROPERTY OWNER NAME	_____			PHONE #
MAILING ADDRESS	_____			
<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> RESIDENTIAL	<input type="checkbox"/> FIELD OR BUSH	<input type="checkbox"/> DEPOSITION OF FILL	

**THIS IS TO CERTIFY THAT I AM THE ABOVE NAMED PROPERTY OWNER OR ACTING AS THE AGENT FOR THE ABOVE NAMED PROPERTY OWNER. I UNDERSTAND THAT ALL WORK WILL BE CONSTRUCTED, ALTERED, MAINTAINED OR OPERATED AT THE EXPENSE OF THE UNDERSIGNED AND THAT WORK MUST NOT BEGIN BEFORE A PERMIT HAS BEEN ISSUED BY THE TOWNSHIP, AS WELL AS ANY OTHER AUTHORITY OR JURISDICTION IN WHICH A PERMIT IS REQUIRED. ALL WORK IS TO MEET PROVISIONS OF THE CURRENT BYLAWS.**

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**THIS APPLICATION IS HEREBY MADE TO:** (check all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> CONSTRUCT AN UNPAVED ENTRANCE<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> FARM USE<br><br><input type="checkbox"/> CONSTRUCT A PAVED ENTRANCE<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> FARM USE<br><br><input type="checkbox"/> USE AN EXISTING ENTRANCE FOR OTHER THAN ITS ORIGINAL, PRESENT OR NORMAL USE<br><br><input type="checkbox"/> CONSTRUCT A TEMPORARY ENTRANCE OR USE ANY PART OF THE RIGHT-OF-WAY OF A TOWNSHIP ROAD AS A MEANS OF TEMPORARY ACCESS TO AND FROM A PROPERTY | <input type="checkbox"/> CONSTRUCT AN ENTRANCE FOR THE DEPOSITION OF FILL<br><br><input type="checkbox"/> CHANGE THE DESIGN OF AN EXISTING ENTRANCE<br><br><input type="checkbox"/> CHANGE THE LOCATION OF AN EXISTING ENTRANCE<br><br><input type="checkbox"/> CONSTRUCT/ALTER CURBS, GUTTERS OR OTHER PERMANENT WORKS RELATED TO A NEW ENTRANCE<br><br><input type="checkbox"/> ADD CURBS, GUTTERS OR OTHER PERMANENT WORKS TO AN EXISTING ENTRANCE<br><br><input type="checkbox"/> PAVE OR INSPECTION OF AN EXISTING ENTRANCE |
|---|--|

**PLEASE MARK THE PROPOSED ENTRANCE CLEARLY WITH STAKES FOR INSPECTION PURPOSES**

### SITE PLAN

1. LOCATION OF PROPOSED ENTRANCE
2. DISTANCE FROM CLOSEST PROPERTY LINE TO PROPOSED ENTRANCE
3. ROAD NAMES
4. NORTH DIRECTION INDICATED



FOR OFFICE USE ONLY					
SIZE OF CULVERT REQUIRED	Diameter	Length	Gauge	APPROVED BY	Date
REMARKS:					
FINAL APPROVAL BY			Date		DEPOSIT RETURNED YES      NO
PAYMENT - FEE:		CASH      CHEQUE	AMOUNT: _____	RECEIPT #	
PAYMENT - DEPOSIT:		CASH      CHEQUE	AMOUNT: _____	RECEIPT #	

**DEPOSITS WILL NOT BE REFUNDED IF THIS APPLICATION EXCEEDS THE ONE YEAR DEADLINE.**



THE CORPORATION OF THE  
**TOWNSHIP OF ADJALA-TOSORONTIO**

7855 Sideroad 30 • R.R. #1 • Alliston, Ontario • L9R 1V1

Telephone: (705) 434-5055 Fax: (705) 434-5051

www.townshipadjtos.on.ca

PUBLIC WORKS DEPARTMENT

### ENTRANCE PERMITS

An **entrance permit FEE is required** and can be paid at the Township Office. A **DEPOSIT is also required** which will be refunded upon completion of final inspection and approval. **All entrance permits are valid for 1 full year from the date of application. If we have not received your final approval/refund request prior to the one year date of application, your file will be closed and deposit will not be refunded.**

**PLEASE NOTE:** Please note that the owner of the property is solely responsible for ensuring that all required permits are obtained from the appropriate entities and that all work to be completed is in compliance with both the Township's requirements, as well as any other agency or jurisdiction in which an approval and/or permit is required (i.e. NVCA or TRCA).

Nottawasaga Valley Conservation Authority  
8195 Line 8  
Utopia, Ontario  
L0M 1T0  
Phone: (705) 424-1479

Toronto and Region Conservation Authority  
5 Shoreham Drive  
Downsview, Ontario  
M3N 1S4  
Phone: (416) 661-6600

- **Note:** Please call to schedule an appointment -

### **ENTRANCE STANDARDS AND SPECIFICATIONS**

In general, all entrances must be located to provide suitable spacing and visibility requirements as follows unless specified otherwise within the permit at the discretion of the Superintendent:

1. With a posted speed of 80 km/h, at least 30.0 metres from an intersection.
2. No entrances to be permitted within a sight triangle.
3. Minimum distance between driveway and lot line is 1.5 metres (4.9 feet) from side lot line.
4. With a posted speed of 80 km/h, minimum allowable distance of 65 metres from the entrance to the end of the bridge deck.
5. With a posted speed of less than 80 km/h, minimum distance from the end of a bridge deck to be determined by the Superintendent.
6. Minimum vertical and horizontal sight distances required are as follows for residential and commercial entrances:

<u>Speed Limit</u>	<u>Minimum Sight Distance in Metres</u>
50 km/h	65
60 km/h	85
70 km/h	110
80 km/h	135

7. Designs not outlined above are to be as per the Ministry of Transportation Geometric Design Standard Manual.
8. All commercial entrances must meet the above criteria plus the criteria established in the Ministry of Transportation's Commercial Site Access Policy and Standard Designs Manual.
9. Minimum vertical and horizontal sight distances required are as follows for an entrance for the deposition of fill:

<u>Speed Limit</u>	<u>Minimum Sight Distance in Metres</u>
50 km/h	135
60 km/h	170
70 km/h	200
80 km/h	230

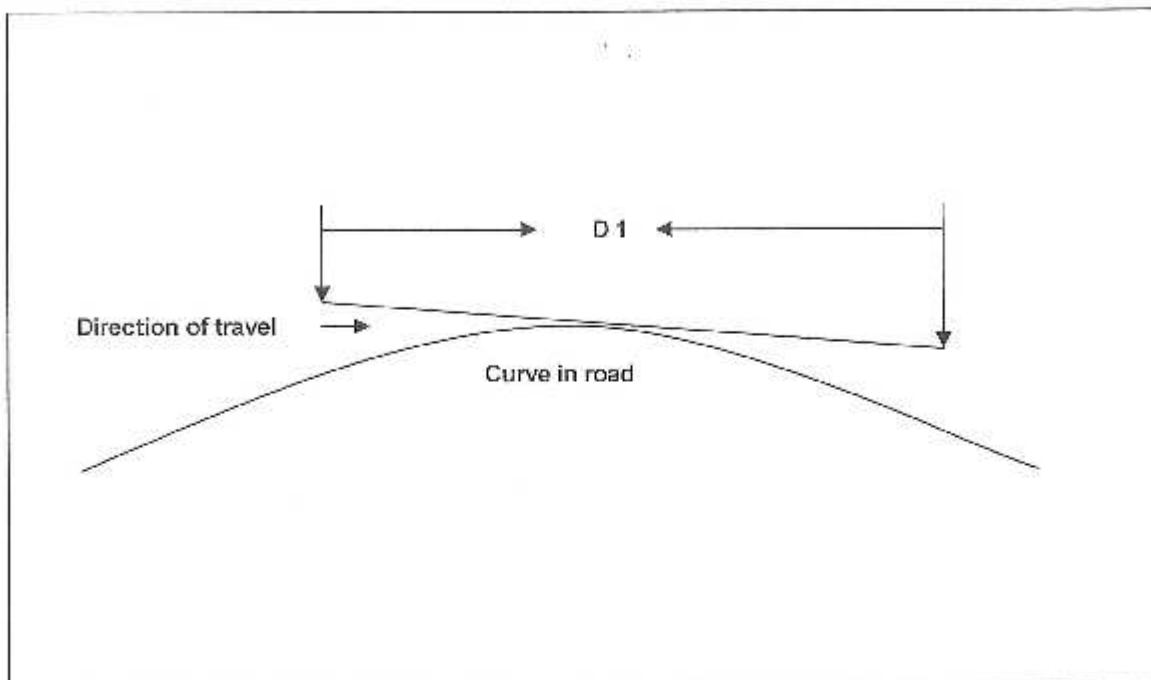
10. Entrances within subdivisions and built-up hamlet areas are to be constructed in conformity with the Engineering Design Criteria Manual.

## **INSTALLATION SPECIFICATIONS**

All entrances must be constructed to the satisfaction of the Superintendent and to meet the following specifications unless specified otherwise within the permit at the discretion of the Superintendent:

1. Minimum entrance culvert diameter is 400 mm.
2. Minimum residential entrance culvert width is 9.0 metres.
3. Minimum commercial entrance culvert width is 12.0 metres.
4. Minimum entrance for the deposition of fill material is 12.0 metres.
5. Residential entrance culvert to be new, minimum 1.6 mm (16 gauge) thickness helical c.s.p.
6. Commercial entrance culvert to be new, minimum 2.0 mm (14 gauge) thickness helical c.s.p.
7. Entrance culvert for the deposition of fill material to be new, minimum 2.8 mm (12 gauge) thickness helical c.s.p.
8. Entrance culvert to have end protection or headwalls suitable for protecting the ends of the culvert from crushing.
9. Culvert headwalls may not be higher than the level of the road shoulder at the rounding.
10. Entrances for the deposition of fill to have marking or delineation for easy identification.
11. Entrance culverts shall be constructed to the proper grade so as to provide for the free and unimpeded flow of water through the culvert.
12. Residential culverts shall be covered with granular "A" material, equal in depth to at least 150 mm or one-third of the culvert diameter, whichever is greater.
13. Commercial or entrance culverts for the deposition for fill material shall be covered with granular "A" material, equal in depth to at least 250 mm or one-third of the culvert diameter, whichever is greater.
14. Surface of entrance may not be higher than the level of the road shoulder at the rounding.
15. Entrance gradient to be 6% maximum for residential entrances, 10% maximum for farm and field entrances.
16. Entrance to be designed to prevent the flow of water onto the travelled portion of the roadway.
17. Entrances must have an unobstructed sight triangle
18. **Final Inspection Request Form must be received prior to 1 year date of application for final inspection and refund of deposit.**

**Adjala-Tosorontio  
Horizontal Curve  
Sight distance calculation**



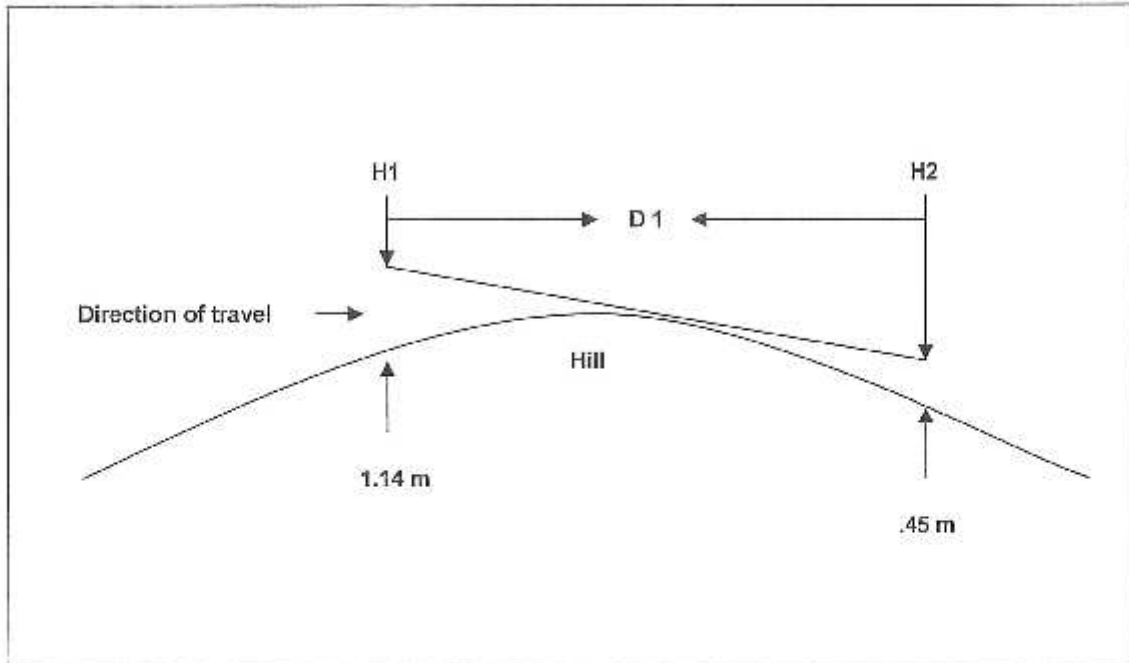
D1 = sight distance required

D1 is measured from edge of road to edge of road in a straight line

	<b>Residential/Commercial Entrances</b>		<b>Deposition of Fill Entrances</b>
	<u>Sight Distance</u>	<u>Speed</u>	<u>Sight Distance</u>
			<u>Speed</u>
D 1 =	135m -----	80 km/h	230m ----- 80 km/h
	110m -----	70 km/h	200m ----- 70 km/h
	85m -----	60 km/h	170m ----- 60 km/h
	65m -----	50 km/h	135m ----- 50 km/h

Roads with no posted speed limit are taken to have a speed limit of 80 km/h as per the highway traffic act.

**Adjala-Tosorontio  
Vertical curve  
Sight distance calculation**



H1 = 1.14 m

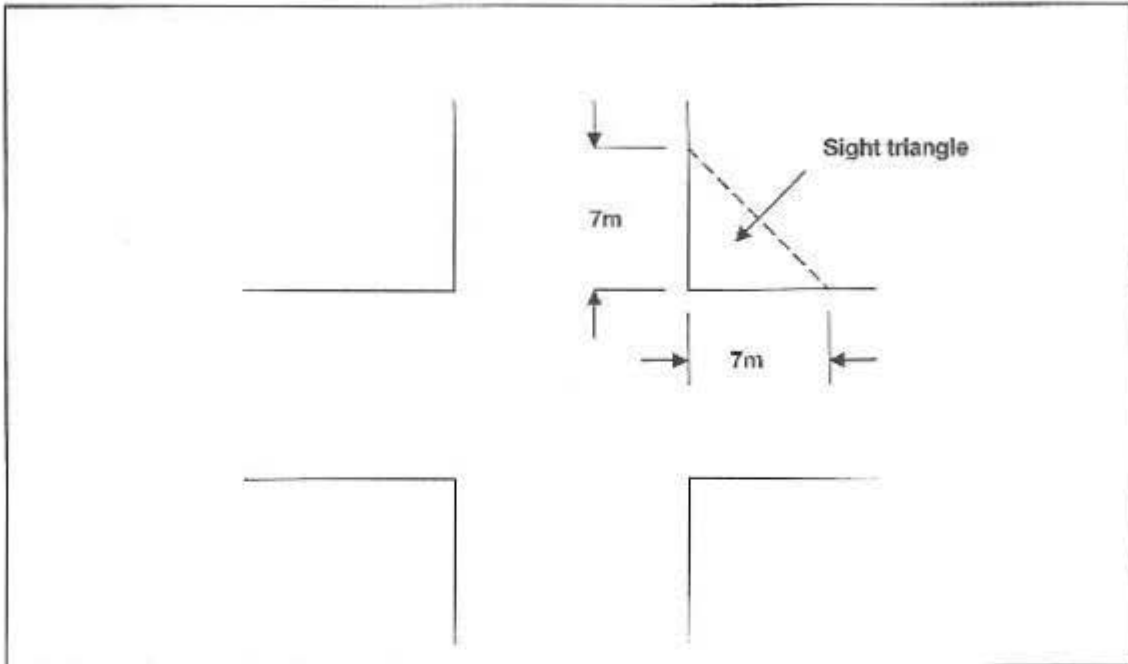
H2 = .45 m

D1 = sight distance required

	<b>Residential/Commercial Entrances</b>	<b>Deposition of Fill Entrances</b>
	<u>Sight Distance</u> <u>Speed</u>	<u>Sight Distance</u> <u>Speed</u>
D 1 =	135m ----- 80 km/h	230m ----- 80 km/h
	110m ----- 70 km/h	200m ----- 70 km/h
	85m ----- 60 km/h	170m ----- 60 km/h
	65m ----- 50 km/h	135m ----- 50 km/h

Roads with no posted speed limit are taken to have a speed limit of 80 km/h as per the highway traffic act.

**Adjala-Tosorontio  
Sight Triangle calculation**



**Sight Triangle**

The sight triangle is the area from the intersection of two roads, measured 7m in both directions on the property lines with a straight line drawn between these points