



**STAFF REPORT  
ACTION REQUIRED**

**Pedestrian Crossover Review – Military Trail, West of  
Bonspiel Drive**

<b>Date:</b>	January 29, 2016
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 43 – Scarborough East
<b>Reference Number:</b>	P:\2016\Cluster B\TRA\Scarborough\sc1607.docx D15-6670946 Military Trail, Pedestrian Crossover

**SUMMARY**

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This staff report is about a matter for which the Community Council has delegated authority from City Council to make a final decision.

It is recommended that a pedestrian crossover not be installed on Military Trail between Bonspiel Drive and Cindy Nicholas Drive as existing conditions do not meet the warrant for the installation of such a traffic control device in terms of traffic volumes or delays. Currently, this location is uncontrolled.

**RECOMMENDATIONS**

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**Transportation Services recommends that Scarborough Community Council:**

1. Not approve the installation of a pedestrian crossover on Military Trail, 115 metres west of Bonspiel Drive.

**Financial Impact**

There would be no financial impact associated with the staff recommendation regarding the unwarranted pedestrian crossover. However, should a pedestrian crossover be approved, then the financial cost of installing the pedestrian crossover, signs and associated pavement markings would be approximately \$95,000.00. The funding for such an unwarranted pedestrian crossover has not been requested in the 2016 Transportation Services Capital Budget.

**ISSUE BACKGROUND**

As a result of a request from Councillor Paul Ainslie in response to a petition submitted by area school students and staff, Transportation Services staff reviewed the feasibility of

installing a pedestrian crossover on Military Trail between Bonspiel Drive and Cindy Nicholas Drive.

## COMMENTS

The following characteristics describe the area of Military Trail between Bonspiel Drive and Cindy Nicholas Drive:

- This area is located west of Morningside Avenue, east of Neilson Road, north of Ellesmere Road, and south of Highway 401.
- Military Trail is a two-lane collector road with a regulatory speed limit of 40 km/h.
- Currently, pedestrian crossing protection is provided at the existing pedestrian crossover located on Military Trail, 169 metres west of Morningside Avenue.
- Military Trail Public School and Saint John Paul II Catholic Secondary School are located on the south side of Military Trail.
- Sidewalks are located on both sides of Military Trail.
- The land use in this area is schools, a recreational facility, and single family residential dwellings.

## Pedestrian Crossover Warrant Study

Transportation Services staff conducted a Pedestrian Crossover Warrant Study on Military Trail between Bonspiel Drive and Cindy Nicholas Drive. Using traffic volumes recorded over the peak eight hours of a typical weekday (Thursday, May 7, 2015), the following results were obtained:

Pedestrian Crossover Warrant	Compliance Level
Pedestrian Volume	100%
Pedestrian Delays	91%

As outlined in the above table, the installation of a pedestrian crossover is not justified because both categories must be 100% met. A total of 961 pedestrians were observed crossing during the study period.

## Collision History

A review of the Toronto Police Service collision records for the five-year period ending December 31, 2014 on Military Trail between Bonspiel Drive and Cindy Nicholas Drive is summarized below.

Collision Impact Type (Military Trail between Bonspiel Drive and Cindy Nicholas Drive)	Number of Reported Collisions (By Year)					
	2010	2011	2012	2013	2014	Total
Pedestrian	0	0	0	0	0	0
Rear End	1	0	1	0	0	2
Sideswipe	0	1	0	0	0	1

This collision record is not indicative of a significant safety issue on this section of road at this time.

The existing conditions on Military Trail between Bonspiel Drive and Cindy Nicholas Drive do not meet the required technical warrants for a pedestrian crossover. Based on the provincial guidelines from the Ontario Traffic Manual Book 15, which outlines where and when pedestrian crossing protection can be installed, a pedestrian crossover cannot be located less than 200 metres from another pedestrian crossover. The 200 metre distance is required to provide drivers adequate time to differentiate between two separate pedestrian crossovers and still have enough time to observe and stop for pedestrians crossing at either pedestrian crossover. It is not feasible to install a pedestrian crossover at Bonspiel Drive near the east school walkway because of the close proximity to the existing pedestrian crossover located west of Morningside Avenue.

Also, due to the close proximity of the school driveways to the intersection of Military Trail and Bonspiel Drive, the installation of a pedestrian crossover is unsuitable at this location. The installation of a pedestrian crossover near the driveways would create potential conflicts between vehicles entering/exiting the driveways and pedestrians crossing at the pedestrian crossover.

However, should this area meet the required technical warrant for a pedestrian crossover in the future, then a suitable location to install a pedestrian crossover on Military Trail would be 115 metres west of Bonspiel Drive at the west school walkway. This location is suitable because it is greater than 200 metres from the existing pedestrian crossover, it will be located between driveways therefore minimizing turning movement conflicts between motorists and pedestrians, and it will be located at a point in the curve in the road that provides clear sight lines for motorists and pedestrians.

A review of the collision records revealed that there have been no pedestrian related collisions reported on Military Trail between Bonspiel Drive and Cindy Nicholas Drive during the five-year period ending December 31, 2014.

## **CONTACT**

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## **SIGNATURE**

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John Mende, P.Eng.  
Director, Transportation Services, Scarborough District

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## **ATTACHMENTS**

1. Location Plan (Pedestrian Crossover Review – Military Trail, West of Bonspiel Drive)