

## **Two-Way Centre Left-Turn Only Lane - Meadowvale Road**

**Date:** June 8, 2023

**To:** Scarborough Community Council

**From:** Director, Project Design & Management, Transportation Services

**Wards:** Ward 25 - Rouge Park

### **SUMMARY**

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As the Toronto Transit Commission (TTC) operates bus service on Meadowvale Road, City Council approval of this report is required.

Transportation Services is requesting City Council to approve the designation of a two-way centre left-turn only lane on Meadowvale Road, between a point 35 metres north of Ellesmere Road to a point 192.5 metres north of Euclid Avenue/Lavery Trail. Due to the existing wide lane widths and lane configuration on Meadowvale Road, it is appropriate to narrow the lane widths and designate a two-way centre left-turn only lane to allow left-turns into driveways on both sides of Meadowvale Road.

This safety and operational improvement would be completed in 2023, in conjunction with road resurfacing on Meadowvale Road, from Ellesmere Road to Sheppard Avenue East.

### **RECOMMENDATIONS**

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The Director Project Design & Management, Transportation Services, recommends that:

1. City Council designate a two-way centre left-turn only lane on Meadowvale Road, between a point 35 metres north of Ellesmere Road and a point 192.5 metres north of Euclid Avenue/Lavery Trail.

### **FINANCIAL IMPACT**

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The estimated cost is \$6,000.00 for designating the proposed two-way centre left-turn only lane, including installation of pavement markings and signage. These funds are included within the Transportation Services 2023 Capital Budget.

Lane Designation - Meadowvale Road between Ellesmere Road and Ontario King's Highway 401

## DECISION HISTORY

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This report addresses a new initiative.

## COMMENTS

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The following are key characteristics of Meadowvale Road:

- Meadowvale Road, from Ellesmere Road to Ontario King's Highway 401 south off-ramp, is a four-lane minor arterial roadway with a posted speed limit of 50 kilometres per hour (km/h) from Ellesmere Road to 75 metres south of King's Highway 401 south off-ramp.
- The existing road width on Meadowvale Road, between Ellesmere Road to Ontario King's Highway 401, varies from 16.5 to 26.5 metres (south of Hwy 401 off-ramp).
- The existing lane configuration consists of two through lanes in each direction, with dedicated left-turn lanes at Ellesmere Road and at the Ontario King's Highway 401 on-ramp.
- Meadowvale Road is designated a Community Safety Zone between a point 100 metres south of Highway 401 to Ellesmere Road.
- Meadowvale Road has No Stopping regulations (7:00 a.m. to 6:00 p.m., Mon. to Fri., buses excepted) on the east side of Meadowvale Road, between a point 64 metres south of Euclid Avenue/Lavery Trail and a point 89 metres further south and has School Bus Loading Zones (8:00 a.m. to 5:00 p.m.) on the east side of Meadowvale Road, between a point 64 metres south of Lavery Trail and a point 32 metres further south.

Following an examination of the existing lane widths and pavement marking configuration, it is recommended to narrow the lane widths on Meadowvale Road, based on City of Toronto guidelines, and designate a two-way centre left-turn only lane on Meadowvale Road, between a point 35 metres north of Ellesmere Road to a point 192.5 metres north of Euclid Avenue/Lavery Trail. This examination was undertaken as part of the planned resurfacing on Meadowvale Road, to identify potential safety and operational improvements.

The proposed two-way left-turn lane designation will facilitate safe and efficient movement of traffic and will allow for left-turns into the driveways on both the east and west side of Meadowvale Road. The adoption of the proposed regulations is expected to achieve safer conditions for all road users by minimizing conflicts. The proposed pavement marking and signage plan is included as Attachments 1 to 4.

The Ward Councillor has been advised of the recommendations in this staff report.

## **CONTACT**

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## **SIGNATURE**

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Jacquelyn Hayward  
Director, Project Design & Management, Transportation Services

## **ATTACHMENT**

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Attachment 1: Location Plan, Lane Designation – Meadowvale Road between Ellesmere Road to a point 35 metres north of Muirbank Road

Attachment 2: Location Plan, Lane Designation – Meadowvale Road between a point 125 metres south of Claresholme Drive to a point 65 metres north of Claresholme Drive

Attachment 3: Location Plan, Lane Designation – Meadowvale Road between a point 45 metres south of Euclid Avenue/Lavery Trail to a point 145 metres north of Euclid Avenue/Lavery Trail

Attachment 4: Location Plan, Lane Designation – Meadowvale Road between a point 120 metres south of Highway 401 Eastbound Off-ramp to a point 55 metres north of Highway 401 Eastbound Off-ramp