

Regional Road 25 Public Information Centre #1 – Alternative Solutions (Video 3) – Text Description

Slide 28 (Video 3 - Alternative Solutions)

Hello and welcome to the Alternative Solutions video – the third of five video presentations for the Regional Road 25 MCEA study. In this video, we will review the alternative solutions considered for the study and the selection of the preferred solution.

Slide 29 (Alternative Solutions)

The MCEA process requires that alternative solutions be considered to address the needs and opportunities identified in the study area. This is Phase 2 of the MCEA process, as shown in Video 1.

Alternative solutions represent functionally different solutions to address the needs and opportunities.

Alternative solutions for Regional Road 25 include:

1. Do Nothing: maintain the existing condition of Regional Road 25.
2. Active Transportation Improvements: improve active transportation facilities throughout the corridor and at intersections to support healthy and safe communities, active lifestyles and provide inclusive multi-modal transportation options for all users of all abilities.
3. Intersection / Operational Improvement: intersection improvements include turning lanes, additional lanes through the intersection and consideration of roundabouts. Operational improvements include modifications to signal timing plans, traffic signal interconnect systems, and road user information systems.
4. Improvements to Regional Road 25: widen Regional Road 25 to accommodate additional travel capacity and opportunities for HOV and transit priority corridor infrastructure.
5. Transportation Demand Management: implement measures that encourage people to modify their travel habits (e.g., make fewer trips, travel outside peak periods), or use sustainable modes of transportation to reduce vehicular demand.
6. Improvements to Other Routes Beyond Planned Programs: undertake capital improvements to widen other north-south roadways in proximity to the study area beyond planned improvements.

Slide 30 (Alternative Solutions Evaluation Summary)

This slide presents a summary of the assessment of the alternative solutions. The detailed assessment table will be provided in the Environmental Study Report. We encourage you to

pause the video to review the evaluation summary for each alternative solution. The recommended alternative solutions to be carried forward are outlined in the orange box.

Slide 31 (Recommended Solution)

In order to support future travel demand and a transportation system that is safe, continuous, connected, and coordinated for all users and all abilities, the recommended solution for Regional Road 25 is proposed to consist of a combination of the following three alternative solutions:

- Improve facilities for pedestrians, cyclists, mobility device users, and other non-vehicular travel to create a safe and accessible network.
- Improve traffic operations at intersections through physical and operational modifications.
- Widen Regional Road 25 to provide additional travel lanes and opportunities for HOV and transit priority corridor infrastructure.

Slide 32 (Traffic Analysis – Future Conditions)

As Halton Region proceeds to undertake the Integrated Master Plan for Water, Wastewater and Transportation that will identify infrastructure to enable Local Municipal future growth targets, there remain several projects identified through the 2011 Transportation Master Plan – The Road to Change (TMP) to be implemented to improve network connectivity and address forecasted travel demand to 2031.

The Halton Region Transportation Master Plan considered overall network travel demand and first identified that 6-lanes are required to accommodate future growth and transit priority.

In this study, we will take a closer look at intersection and corridor operations to better understand future road capacity needs, considering four future scenarios.

- Maintain Existing Conditions also called the “Do Nothing” alternative
- Widen to 6-General Purpose Lanes
- Widen to 4-General Purpose Lanes + 2 High Occupancy Vehicle (HOV) / Transit Only Lanes
- Widen to 4-General Purpose Lanes + 2 Transit Only Lanes

Slide 33 (We Want to Hear From You)

We want to hear from you. Please provide your comments and feedback on the recommended solution by completing the online survey. We will review and take feedback into consideration as we move into next phase and develop alternative design concepts.

