

Region of Waterloo
Transportation and Environmental Services
Design and Construction

To: Committee of the Whole
Meeting Date: January 11, 2022
Report Title: Council Update – Proposed Roundabout at New Dundee Road (Regional Road No. 12) and Robert Ferrie Drive, Kitchener.

1. Recommendation:

For information.

2. Purpose / Issue:

Inform Council of upcoming public consultation via the Region of Waterloo's Engage site regarding the proposed roundabout at the intersection of New Dundee Road (Regional Road No. 12) and Robert Ferrie Drive in the City of Kitchener.

3. Strategic Plan:

This update supports Strategic Focus Area 5 (Responsive and Engaging Public Service), specifically 5.1 – Enhance opportunities for public engagement, input and involvement in Region of Waterloo.

4. Key Considerations:

A roundabout at the location of New Dundee Road (Regional Road No. 12) and Robert Ferrie Drive is being considered by staff to replace temporary traffic signals that were installed as an interim measure. A roundabout is being considered as it provides a superior level of service, fewer serious collisions and fatalities and generates fewer green house gas emissions than a traffic signal. It also provides a gateway feature and traffic calming in the community.

The proposed roundabout location is shown in Appendix A.

5. Background:

The original T-intersection included stop control on Robert Ferrie Drive and through traffic on New Dundee Road. Temporary traffic signals were subsequently installed as an interim measure in 2019. The intersection has experienced 7 collisions, 1 resulting in injury and 6 resulting in property damage, between 2014 and 2018. Based on consideration of safety performance, traffic capacity and total

life-cycle costing, staff are recommending the implementation of a double-lane roundabout. A roundabout would result in fewer injury collisions and reduced delays to motorists than the existing traffic signals.

6. Area Municipality Communication and Public/Stakeholder Engagement:

Staff has informed City of Kitchener staff about the proposed roundabout.

Staff will post project information on the Region of Waterloo's Engage website for public input. The Engage website will be active on January 12, 2022 for 30 days and will close to public input on February 11, 2022.

Letters will be mailed to property owners within the immediate vicinity of the intersection and signs will be installed near the intersection to direct the public to the Region of Waterloo's EngageWR website for more information and to provide input.

7. Financial Implications:

The Region's approved 2022-2031 Transportation Capital Program includes a budget of \$2,945,000 in 2022-2025 for New Dundee Road at Robert Ferrie Drive Roundabout (project #07284) to be funded from the Regional Roads Development Charges Reserve Fund.

8. Conclusion / Next Steps:

After receipt and review of the comments, staff will bring forward a project approval report, which is planned for summer of 2022.

Subject to Council approval, Regional staff would complete the detailed design, initiate the property acquisition process, and coordinate required utility relocations, with construction planned for 2024.

9. Attachments / Links:

Appendix A – Proposed Roundabout Location

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Approved By: Thomas Schmidt, Commissioner, Transportation and Environmental Services

Appendix A – Proposed Roundabout Location

