

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 Dickie Settlement Road (Regional Road No. 71) and Roseville Road (Regional Road No. 46), North Dumfries.

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 Dickie Settlement Road. (Regional Road. 71) and Roseville Road. (Regional Road. No. 46) in the Township of North Dumfries.

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 Dickie Settlement Road. (Regional Road No. 71) and Roseville Road. (Regional Road No. 46) 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.

The roundabout, including the entrance and exit to the roundabout would be designed geometrically to accommodate all users that have been identified. The Region has constructed other roundabouts in rural settings (recently at Herrgott Road and Ament Line) where agricultural equipment and commercial trucks frequently use the roundabout with no concerns.

The proposed roundabout location is shown in Appendix A.

5. Background:

The original intersection was a stop condition for Dickie Settlement Road and through traffic on Roseville Road. The stop control was replaced by temporary traffic signals as an interim measure. Based on consideration of safety performance, traffic capacity and total life cycle costing, staff are considering implementation of a three leg, single lane roundabout because a roundabout would result in fewer injury collisions, lower speeds and fewer delays to motorists than the existing traffic signals.

6. Area Municipality Communication and Public/Stakeholder Engagement:

Staff has informed Township of North Dumfries 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 \$1,525,000 in 2022-2025 for Dickie Settlement Road. and Roseville Road. (project #07441) 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 the 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

