

**Region of Waterloo**  
**Engineering and Environmental Services**  
**Design and Construction**

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**To:** Planning and Works Committee

**Meeting Date:** April 4, 2023

**Report Title:** By-Law Amendments for Three Approved Roundabouts:  
Line 86 (Regional Road 86) and Floradale Road (Regional Road 19), Cedar Creek Road (Regional Road 97) and Trussler Road (Regional Road 70), and Sawmill Road (Regional Road 17) and Ebycrest Road (Regional Road 17)

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**1. Recommendation**

That the Regional Municipality of Waterloo, upon completion of construction, amend the Traffic and Parking By-law 16-023, as amended, for the following three approved roundabouts, to:

Line 86 (Regional Road 86) and Floradale Road (Regional Road 19) in the Township of Woolwich

- A. Remove from Schedule 17, Rates of Speed, 80 km/h on Regional Road 86 (Church Street) from Wellington Country Road 86 to 30 m West of Eldale Road;
- B. Remove from Schedule 17, Rates of Speed, 80 km/h on Regional Road 19 (Floradale Road) from 770 m South of Florapine Road to (Regional Road 86) Church Street;
- C. Add to Schedule 17, Rates of Speed, 80 km/h on Regional Road 86 (Church Street) from Wellington Country Road 86 to 400 West of (Regional Road 19) Floradale Road;
- D. Add to Schedule 17, Rates of Speed, 80 km/h on Regional Road 19 (Floradale Road) from 770 m South of Florapine Road to 400 North of (Regional Road 86) Church Street;
- E. Add to Schedule 17, Rates of Speed, 60 km/h on Regional Road 86 (Church Street) from 400 m West of (Regional Road 19) Floradale Road to 30 m west of Eldale Road;
- F. Add to Schedule 17, Rates of Speed, 60 km/h on Regional Road 19 (Floradale Road) from 400 m North of (Regional Road 86) Church Street to Regional Road 86 (Church Street);

- G. Add to Schedule 10, Level 2 Pedestrian Crossover, Regional Road 86 (Church Street) at Regional Road 19 (Floradale Road), On All Entry and Exits.

Trussler Road (Regional Road 70) and Cedar Creek Road (Regional Road 97) in the Township of North Dumfries

- A. Remove from Schedule 17, Rates of Speed, 80 km/h on Trussler Road (Regional Road 70) from New Dundee Road (Regional Road 12) to Highway 401;
- B. Add to Schedule 17, Rates of Speed, 80 km/h on Trussler Road (Regional Road 70) from New Dundee Road (Regional Road 12) to 400 metres north of Cedar Creek Road (Regional Road 97);
- C. Add to Schedule 17, Rates of Speed, 80 km/h on Trussler Road (Regional Road 70) from 400 metres south of Cedar Creek Road (Regional Road 97) to Highway 401;
- D. Add to Schedule 17, Rates of Speed, 60 km/h on Trussler Road (Regional Road 70) from 400 metres north and south of Cedar Creek Road (Regional Road 97);
- E. Remove from Schedule 17, Rates of Speed 80 km/h on Cedar Creek Road (Regional Road 97) from Oxford County Boundary to 100 metres west of Grand Ridge Drive;
- F. Add to Schedule 17, Rates of Speed 80 km/h on Cedar Creek Road (Regional Road 97) from Oxford County Boundary to 400 m west of Trussler Road (Regional Road 70);
- G. Add to Schedule 17, Rates of Speed 80 km/h on Cedar Creek Road (Regional Road 97) from 400 metres east of Trussler Road (Regional Road 70) to 100 metres west of Grand Ridge Drive;
- H. Add to Schedule 17, Rates of Speed 60 km/h on Cedar Creek Road (Regional Road 97) from 400 m east and west of Trussler Road (Regional Road 70);
- I. Add to Schedule 10, Level 2 Pedestrian Crossover, Trussler Road (Regional Road 70) at Cedar Creek Road (Regional Road 97), On All Entry and Exits.

Sawmill Road (Regional Road 17) and Ebycrest Road (Regional Road 17)

- A. Remove from Schedule 17, Rates of Speed, 80 km/h on Regional Road 17 (Sawmill Road) from 1080 m South of Snyder's Flats Road to Regional Road 20 (Bloomingdale Road);
- B. Remove from Schedule 17, Rates of Speed, 80 km/h on Regional Road 20 (Bloomingdale Road) from Kraft Drive (Westerly leg) to Regional Road 17 (Ebycrest Road);

- C. Add to Schedule 17, Rates of Speed, 80 km/h on Regional Road 17 (Sawmill Road) from 1080 m South of Snyder's Flats Road to 400 m North Regional Road 17 (Ebycrest Road);
- D. Add to Schedule 17, Rates of Speed, 80 km/h on Regional Road 20 (Bloomingdale Road) from 400 m South of Regional Road 17 (Ebycrest Road) to 25 m East of Kraft Drive;
- E. Add to Schedule 17, Rates of Speed, 60 km/h on Regional Road 17 (Sawmill Road) from 400 m North of Regional Road 17 (Ebycrest Road) to Regional Road 20 (Bloomingdale Road);
- F. Add to Schedule 17, Rates of Speed, 60 km/h on Regional Road 20 (Bloomingdale Road) from 400 m South of Regional Road 17 (Ebycrest Road) to Regional Road 17 (Ebycrest Road);
- G. Add to Schedule 10, Level 2 Pedestrian Crossover, Regional Road 17 (Sawmill Road) at Regional Road 17 (Ebycrest Road), On All Entry and Exits

## **2. Purpose / Issue:**

Amendments to the Region's Traffic and Parking By-law are required upon completion of construction (planned for 2023 and 2024) to reduce speed limits and add Level 2 Pedestrian Crossovers at three future roundabout locations previously approved by Council. Level 2 Pedestrian Crossovers are designated crossing areas where vehicles are required to yield to pedestrians crossing.

## **3. Strategic Plan:**

This project supports Focus Area 2 ("Sustainable Transportation") of the Corporate Strategic Plan to improve road safety for all users.

## **4. Report Highlights:**

Speed reductions at roundabouts improve safety and allow for the use of Level 2 Pedestrian Crossovers, which are used at all Regional roundabouts.

## **5. Background:**

In 2021, Regional Council approved a new roundabout at the intersection of Line 86 and Floradale Road in the Township of Woolwich. The work is scheduled for construction in the summer of 2023. Appendix A illustrates the proposed roundabout location.

In 2022, Regional Council approved a new roundabout at the intersection of Cedar Creek Road and Trussler Road in the Township of North Dumfries. The work is scheduled for construction in the summer of 2024. Appendix B illustrates the proposed roundabout location.

In 2022, Regional Council approved a new roundabout at the intersection of Sawmill Road and Ebycrest Road in the Township of Woolwich. The work is scheduled for construction in the summer of 2024. Appendix C illustrates the proposed roundabout location.

## **6. Area Municipality Communication and Public/Stakeholder Engagement:**

Area Municipality Communication and Public/Stakeholder Engagement were conducted for all three future roundabout locations prior to approval of the roundabouts by Council.

## **7. Financial Implications:**

The Region of Waterloo's approved 2023 Transportation Capital Program includes a budget of \$2,137,000 in 2023 for the Line 86 at Floradale Road roundabout construction (Project 07558) to be funded from RDC Reserve Fund.

The Region of Waterloo's approved 2023 Transportation Capital Program includes a budget of \$1,112,000 in 2024 for the Cedar Creek Road at Trussler Road roundabout construction (Project 07612) to be funded from RDC Reserve Fund.

The Region of Waterloo's approved 2023 Transportation Capital Program includes a budget of \$1,885,000 in 2024 for the Sawmill Road at Ebycrest Road roundabout construction (Project 07553) to be funded from RDC Reserve Fund.

The cost of the Level 2 Pedestrian Crossovers and speed limit sign changes at each of these planned roundabouts is approximately \$17,000. Sufficient funding is provided in each of the abovementioned projects budget to implement the Level 2 Pedestrian Crossovers and speed limit sign changes.

## **8. Conclusion / Next Steps:**

The Council and Administrative Services Division will be required to prepare the amending By-law.

**9. Attachments:**

Appendix A: Illustrates the location requiring by-law changes: Line 86 at Floradale Road.

Appendix B: Illustrates the location requiring by-law changes: Cedar Creek Road at Trussler Road.

Appendix C: Illustrates the location requiring by-law changes: Sawmill Road at Ebycrest Road.

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