



Staff Report for Council Meeting

Date of Meeting: June 23, 2021

Report Number: SRPI.21.066

Department: Planning and Infrastructure
Division: Infrastructure and Engineering Services

Subject: **SRPI.21.066 – 2021/2022 Pole-Mounted Radar
Message Board Program Locations**

Purpose:

To seek Council approval for the installation of pole-mounted driver speed feedback signs at various locations within the City for 2021/2022, as part of the annual Radar Message Board program.

Recommendation(s):

- a) That the following 18 locations be approved for the installation of pole-mounted speed radar board signs as part of the annual Radar Message Board program:
- I. Sunset Beach Road (Park Crescent to Park Crescent)
 - II. Puccini Drive (Aida Place to Kent Matthew Street)
 - III. Bond Crescent (Glenn Street to Little Side Street)
 - IV. Woodstone Avenue (Florentine Crescent to Devonsleigh Boulevard)
 - V. Jefferson Forest Drive (Wings View Gate to Arden Valley Street)
 - VI. Crosby Avenue (Osiris Drive to Newkirk Road)
 - VII. Weldrick Road (Montclair Road to Highview Crescent)
 - VIII. Shirley Drive (Grover Hill Avenue to Futura Avenue)
 - IX. Princeton Avenue (Sun Valley Drive to Manorheights Street/Sapphire Drive)
 - X. Rothbury Road (Mayan Avenue to Ridgestone Drive/Tentone Court)
 - XI. Mill Street (Libby Boulevard/Bridgeport Street to Wood Lane/Trench Street)
 - XII. Canyon Hill Avenue (Shaftsbury Avenue to Palomino Drive/Gracedale Drive)
 - XIII. Yongehurst Road (Kersey Crescent to Yonge Street)
 - XIV. Oak Avenue (Pearson Avenue to Yonge Street)
 - XV. Roosevelt Drive (Denham Drive to Pearson Avenue)
 - XVI. Northern Heights Drive (Vanity Crescent to Vanity Crescent)
 - XVII. Weldrick Road East (Hanover Court/Bothfield Street to Lawson Court)
 - XVIII. Red Maple Road (Colston Court to 16th Avenue)

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Contact Person:

Hubert Ng, Manager of Transportation, 905-771-6501, and/or
Ben Robertson, Supervisor of Traffic Safety and Operations, 905-771-6455

Report Approval:

Submitted by: Kelvin Kwan, Commissioner of Planning and Infrastructure Department

Approved by: Mary-Anne Dempster, City Manager

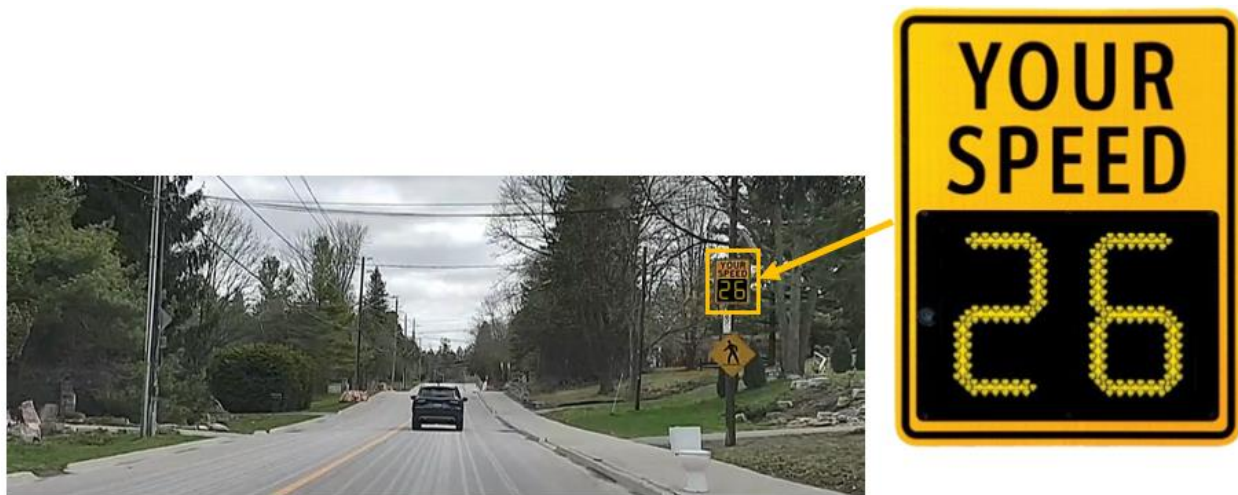
All reports are electronically reviewed and/or approved by the Division Director, Treasurer (as required), City Solicitor (as required), Commissioner, and City Manager. Details of the reports approval are attached.

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Background:

Pole-mounted radar speed boards have been well received as a community education tool to raise awareness of driver travel speeds on various roads. The City has implemented the Pole-Mounted Radar Speed Board Program to remind and encourage motorists to reduce their speeds and obey the posted speed limit. The program is based on the principle that many motorists are somewhat unaware that they are travelling at an excessive rate of speed. Most motorists generally drive at a speed deemed comfortable, depending on road geometry and surrounding land use. The operating speed electronically displayed on the board is a strong visual reminder to motorists to comply with the posted speed limit. Figure 1 depicts one of the pole-mounted radar speed boards on the City's roadside.

Figure 1 – Pole-Mounted Radar Speed Board on Sunset Beach Road, Eastbound



The current program includes 36 pole-mounted radar boards, which are deployed at 18 key locations (2 boards per location) for a period of approximately one year, with three locations/six radar boards for each City Council Ward.

Attachment 2 provides the list of current (2020/2021) pole-mounted radar board locations that were approved by Council through Staff Report SRPRS.20.093.

At the end of the 12-month period, the boards are relocated to other key areas where their presence is needed and deemed beneficial.

The process for selecting the new locations is based on a combination of community inquiries and requests received throughout the year as well as an assessment of road links based on traffic criteria outlined in Staff Report SREPW.09.097 (included as **Attachment 1** for reference). Candidate locations in each ward are then reviewed collaboratively with each Ward Councillors before the final list of locations is brought forward for approval.

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Based on the review and analysis undertaken by staff, and in consultation with Council, the following 18 locations have been identified as priority areas for pole-mounted radar speed boards:

- I. Sunset Beach Road (Park Crescent to Park Crescent)
- II. Puccini Drive (Aida Place to Kent Matthew Street)
- III. Bond Crescent (Glenn Street to Littleton Street)
- IV. Woodstone Avenue (Florentine Crescent to Devonsleigh Boulevard)
- V. Jefferson Forest Drive (Wings View Gate to Arden Valley Street)
- VI. Crosby Avenue (Osiris Drive to Newkirk Road)
- VII. Weldrick Road (Montclair Road to Highview Crescent)
- VIII. Shirley Drive (Grover Hill Avenue to Futura Avenue)
- IX. Princeton Avenue (Sun Valley Drive to Manorheights Street/Sapphire Drive)
- X. Rothbury Road (Mayan Avenue to Ridgestone Drive/Tentone Court)
- XI. Mill Street (Libby Boulevard/Bridgeport Street to Wood Lane/Trench Street)
- XII. Canyon Hill Avenue (Shaftsbury Avenue to Palomino Drive/Gracedale Drive)
- XIII. Yongehurst Road (Kersey Crescent to Yonge Street)
- XIV. Oak Avenue (Pearson Avenue to Yonge Street)
- XV. Roosevelt Drive (Denham Drive to Pearson Avenue)
- XVI. Northern Heights Drive (Vanity Crescent to Vanity Crescent)
- XVII. Weldrick Road East (Hanover Court/Bothfield Street to Lawson Court)
- XVIII. Red Maple Road (Colston Court to 16th Avenue)

Attachment 3 includes maps for each City Council Ward, showing the proposed locations.

As such, staff recommend that the existing 36 pole-mounted radar speed boards be redeployed to these 18 locations (2 boards per location) for a period of approximately one year, as part of the City's 2021-2022 Pole-Mounted Radar Speed Board program.

Climate Change Considerations

The radar message board program is expected to help reduce overall, and promote more consistent, travel speeds on the roads where they are installed, which can contribute to climate change mitigation by reducing fuel consumption.

Financial/Staffing/Other Implications:

The cost to relocate all 36 radar boards is included in the Community Services operating budget, approved by Council through SRPRS.17.111.

Therefore, there are no further financial Implications associated with the redeployment of the pole-mounted radar boards as outlined in this report.

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Reference to Council's Strategic Priorities 2020-2022:

The recommendations of this report are consistent with Council's Strategic Priorities to create a "Strong Sense of Belonging" and improve "Getting Around the City" through promotion of awareness of safe travel speeds.

Conclusion:

Staff have reviewed community and Councillor requests, and completed an assessment of various road sections within the City in order to identify the proposed locations of the driver speed feedback signs noted herein. Based on their findings, it is recommended that the 18 locations noted herein for the City's Pole-Mounted Radar Message Board Program be approved and that the signs are installed and in-place for a period approximately of one year.

Attachments:

The following attached documents may include scanned images of appendices, maps and photographs. If you require an alternative format please call the contact person listed in this document.

- Attachment 1: Traffic Criteria Scoring for the Deployment of Driver Speed Feedback Signs
- Attachment 2: List of Current (2020-2021) and New (2021/2022) Locations
- Attachment 3: City Council Ward Maps of Proposed (2021/2022) Locations

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Report Approval Details

Document Title:	SRPI.21.066_2021-2022 Pole-Mounted Radar Message Board Program Locations.docx
Attachments:	- SRPI.21.066_Attachment 1 Scoring Criteria.docx - SRPI.21.066_Attachment 2 Lists of Locations.docx - SRPI.21.066_Attachment 3 Maps.docx
Final Approval Date:	May 31, 2021

This report and all of its attachments were approved and signed as outlined below:

Dan Terzievski - May 26, 2021 - 9:37 AM

Paolo Masaro - May 26, 2021 - 9:55 AM

Kelvin Kwan - May 26, 2021 - 2:32 PM

MaryAnne Dempster - May 31, 2021 - 9:52 AM