

Priorities Committee Meeting_Oct23_2018

STRATEGIC INITIATIVE AND UPDATE**Glen Allan Traffic Calming Update 2018****Report Purpose**

To provide Priorities Committee with an update on the Glen Allan Traffic Calming Study.

Council History

October 20, 2015 - THAT the final recommended traffic calming plans for Glen Allan as outlined in Section 9.0 "Recommended Plan" on page 33 of enclosure 1 (Glen Allan Traffic Calming Study) of the October 20, 2015 Transportation and Agriculture Services report be approved.

September 29, 2015 – Priorities Committee was provided an update and final recommendations on the Glen Allan Traffic Calming Study.

Strategic Plan Priority Areas

Economy: Traffic calming options have been developed and will be completed with future rehabilitation.

Governance: Public engagement, including public open houses, online survey and workshops have been conducted to develop traffic calming options.

Social: Traffic calming initiatives improve quality of life by providing traffic safety for all road users.

Culture: n/a

Environment: n/a

Other Impacts

Policy: SER-009-040 Traffic Calming Policy, SER-009-017 Traffic Control Devices

Legislative/Legal: n/a

Interdepartmental: Transportation and Agriculture Services, RCMP and Enforcement Services, Transit, Emergency Services

Summary

The Glen Allan Traffic Calming Plan was developed and approved following an extensive public engagement process that took place from March to September of 2015.

No construction was planned for the Glen Allan traffic calming project area in 2018, which provided Strathcona County the opportunity to conduct a mid-term evaluation of the project to date. Due to unforeseen underground infrastructure needs identified during the detailed design process, updated cost estimates to construct the approved plans at some locations have increased since originally estimated during the conceptual design. In addition, there have been resident and constructability concerns identified with the raised intersections on Glenbrook Boulevard.

The 2018 evaluation was undertaken with the purpose of ensuring the remaining traffic calming planned in Glen Allan was completed in a manner that was economically viable, technically feasible and publically acceptable.

The project included an engineering evaluation of speed and volume data on sections of roads that had traffic calming features installed, as well as in locations awaiting the installation of features.

Resident engagement exploring opinions on locations where traffic calming has already been installed, as well as potential options for future traffic calming was also undertaken. Finally, revised traffic calming plans for the project were developed based on the results of the engineering and resident engagement.

Resident evaluations of the features installed to date showed a range of satisfaction. Most notably, residents were very unhappy with the raised intersections on Glenbrook Boulevard. As a result, the raised intersections on Glenbrook Boulevard will be regraded as part of the road rehabilitation planned in 2019. Final implementation of the raised intersections will provide the traffic calming effect strongly desired by local residents while reducing driver frustration due to inconsistent construction.

Generally, the other traffic calming features completed in Glen Allan to date were more acceptable to residents, excepting curb extensions, which the majority of residents opposed. There is a significant portion of respondents (consistently about 25%-30%), who simply oppose the addition of traffic calming in any form.

With approximately half of the traffic calming plans in Glen Allan implemented to date, traffic data collection generally shows reduced traffic speeds at locations in Glen Allan still awaiting the addition of features. This observed speed reduction has allowed engineers to put forward revised traffic calming plans that are more economical and less aggressive to be more in line with resident feedback.

Overall, the revised traffic calming plans have resulted in a net savings of \$835,000 over the original cost of the 2015 implementation plan at the remaining locations. This represents a decreased budget of more than 60%.

No change is expected to the implementation of the revised plans. All features on Georgian Way are planned for construction in 2019. A full rehabilitation of Glenbrook Boulevard will also be completed in 2019, including revision of the raised intersections. Once these construction projects are completed, the neighbourhood speed limit will be reduced to 40 km/h as planned in 2015. Permanent driver feedback signs will also be installed on Galaxy Way in 2019 in place of the proposed physical traffic calming features. Rehabilitation of Graham Road, including the crosswalk upgrades, is planned for 2021.

Communication Plan

Results of the public engagement undertaken for this evaluation and revised traffic calming plans will be posted on the County website. Letters will be mailed to all residents of Glen Allan, informing them of the outcomes of this project update.

Enclosures

- 1 Glen Allan Traffic Calming 2018 Project Update Presentation
- 2 Glen Allan Traffic Calming 2018 Project Update Report
- 3 Glen Allan Traffic Calming Project 2018 Update – Open House and Online Survey Report