



City of Delta
COUNCIL REPORT
Regular Meeting

To: **Council** File No.: **AT#150028**
From: **Engineering Department**
Meeting Date: **April 27, 2026**

Ladner Trunk Road and 62 Street Safety Review

The following report has been reviewed and endorsed by the City Manager's Office.

▪ **RECOMMENDATIONS:**

- A. THAT the traffic safety enhancements recommended in this report be implemented.
 - B. THAT a copy of this report be sent to the Delta School District.
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▪ **PURPOSE:**

The purpose of this report is to obtain endorsement by Council to proceed with the traffic safety enhancements recommended in this report.

▪ **BACKGROUND:**

A resident, on behalf of a group of East Ladner parents, submitted a community petition on January 23, 2026 regarding pedestrian safety near Holly Elementary. The petition requests "that the City reassess whether existing pedestrian safety measures at these locations are working effectively in practice and that staff review potential next steps, including enforcement and traffic-calming considerations."

At the February 9, 2026 Regular Council Meeting, the report entitled "Ladner Trunk Road and 62 Street Traffic Concerns" was presented, and the recommendation to conduct a traffic operations and safety review at pedestrian crossings near Holly Elementary was endorsed.

▪ **DISCUSSION:**

To address the concerns raised by the community petition, a traffic operations and safety review at pedestrian crossings near Holly Elementary was completed. A traffic safety consultant (ISL Engineering) was retained to conduct the review. The Delta Police Department has conducted targeted enforcement at the intersection of Ladner Trunk Road and 62 Street, as well as patrols near Holly Elementary during peak school

travel times. Electronic message boards were also placed on Ladner Trunk Road to promote driver awareness of road safety.

The traffic operations and safety review is provided in Attachment A and included:

- Site observations during morning and afternoon peak school pick up and drop off times;
- Consultation with the Holly Elementary Principal;
- Review of the current traffic volumes and speeds in the area;
- Review of the traffic signal timing plan at Ladner Trunk Road and 62 Street;
- Review and analysis of ICBC collision data;
- Review of the road geometry, existing traffic control devices and other human factors that may affect the pedestrian safety; and
- Identification of safety issues and potential mitigation measures.

The study area, as shown in Figure 1, included the intersections of Ladner Trunk Road at 62 Street, and 62 Street at Holly Park Drive.



Figure 1: Study Area

As shown in Figure 2, Ladner Trunk Road at 62 Street is a typical four-legged intersection controlled by a traffic signal and pedestrian phasing on all approaches. Overhead primary and secondary far-side traffic signal heads are provided for all approaches with 300mm lenses and yellow backboards, as well as tertiary signal heads for Ladner Trunk Road. No visibility concerns were noted for the traffic signals, street lighting or pavement markings at this intersection. An adult school crossing guard is provided at this intersection.



Figure 2. Ladner Trunk Road and 62 Street facing east

As shown in Figure 3, the intersection of 62 Street at Holly Park Drive is a 3-legged westbound stop-controlled intersection with a marked raised pedestrian crosswalk on the north leg and provides connectivity to Holly Elementary to the east. The pedestrian crosswalk is equipped with pedestrian actuated rectangular rapid flashing beacons (RRFB). Funding is provided for an adult school crossing guard at this location, but the School District has had difficulties in hiring for this position.



Figure 3: 62 Street at Holly Park Drive facing north

To address the issues identified in the traffic safety review, the following traffic safety enhancements, as illustrated in Figure 4, are recommended:

- **Install speed reader boards along Ladner Trunk Road**
Speed reader boards along both eastbound and westbound of Ladner Trunk Road would provide real-time speed feedback to drivers, encouraging compliance with the posted speed limit. Speed reader boards are effective traffic calming measures that can help reduce operating speeds, particularly near the school zones and with adult school crossing guards, thereby lowering the risk and severity of collisions.
- **Review and extend pedestrian clearance time**
Extending the pedestrian clearance time at the Ladner Trunk Road and 62 Street intersection may improve safety, particularly given the nearby school and the presence of children who may require more time to cross.
- **Extend northbound left storage length**
The northbound left-turn storage could be extended based on the maximum observed queue lengths during student's pick-up and drop-off periods. This would help accommodate peak demand, reduce queue spillback into through lanes, and minimize the risk of rear-end and sideswipe collisions.
- **Relocate "Playground Zone" sign**
The Playground Zone sign could be shifted north to maintain a minimum spacing of 50m from the "Speed Hump" warning sign. This would improve sign visibility and ensure drivers can clearly recognize and respond to both warnings.



Figure 4: Recommended traffic safety enhancements

Implications:

Financial Implications - The estimated cost to implement the proposed traffic safety enhancements is \$25,000 and can be funded under the 2026 Capital Plan from the Ongoing and Emerging Traffic Management budget.

▪ **CONCLUSION:**

A traffic operations and safety review at pedestrian crossings near Holly Elementary was conducted. To enhance pedestrian safety staff recommend proceeding with the recommended traffic safety enhancements along with continued police enforcement.

Steven Lan, P.Eng.
General Manager, Engineering

Department submission prepared by: Hon Yee, Senior Transportation Engineer

This report has been prepared in consultation with the following listed department.

Concurring Department		
Department	Name	Signature
Delta Police Department	Chief Harj Sidhu	HS

▪ **ATTACHMENT:**

A. Traffic Safety Review