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**Public Works and Transportation Committee  
Electronic Meeting**

**Anderson Room, City Hall  
6911 No. 3 Road**

**Wednesday, October 21, 2026  
4:00 p.m.**

Pg. #      ITEM

**MINUTES**

**PWT-4**      *Motion to adopt the **minutes** of the meeting of the Public Works and Transportation Committee held on September 23, 2026.*



**NEXT COMMITTEE MEETING DATE**

November 18, 2026, (tentative date) at 4:00 p.m. in the Anderson Room.

**AGENDA ADDITIONS AND DELETIONS**

**ENGINEERING AND PUBLIC WORKS DIVISION**

- 1. AWARD OF CONTRACT – 8522Q – SUPPLY AND DELIVERY OF VALVES & HYDRANTS**  
(File Ref. No. 10-6000-00) (REDMS No. 8519436)

**PWT-10**

**See Page PWT-10 for full report**

*Designated Speaker: Deborah Prystay*

STAFF RECOMMENDATION

- (1) *That Contract 8522Q – Supply and Delivery of Valves & Hydrants be awarded in two parts for an initial three-year term commencing November 1, 2026, as follows:*
- (a) *the supply and delivery of valves be awarded to Fred Surridge Ltd. for an estimated contract value of \$651,000, excluding taxes; and*
- (b) *the supply and delivery of hydrants be awarded to Andrew Sheret Ltd. for an estimated contract value of \$726,000, excluding taxes;*
- for a combined contract value of \$1,377,000, excluding taxes, as described in the report titled “Award of Contract – 8522Q – Supply and Delivery of Valves & Hydrants,” dated September 16, 2026, from the Director, Public Works;*
- (2) *That the Chief Administrative Officer and the General Manager, Engineering and Public Works, be authorized to execute the contracts and all related documents with Fred Surridge Ltd. and Andrew Sheret Ltd.; and*
- (3) *That the Chief Administrative Officer and the General Manager, Engineering and Public Works, be authorized to extend the initial three-year contracts for up to two additional one year terms, to a maximum total term of five years, for a maximum aggregate contract value of \$2,329,000, excluding taxes.*



2. **TOP 20 COLLISION-PRONE INTERSECTIONS UPDATE 2026**  
(File Ref. No. 10-6500-01) (REDMS No. 8489120)

PWT-14

See Page PWT-14 for full report

*Designated Speaker: Justin Ng*

STAFF RECOMMENDATION

*That the report titled “Top 20 Collision-Prone Intersections Update 2026”, from the General Manager, Engineering and Public Works, dated September 22, 2026, be received for information.*



**Public Works & Transportation Committee Agenda – Wednesday, October 21, 2026**

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Pg. #      ITEM

3.    **MANAGER'S REPORT**

ADJOURNMENT





## Public Works and Transportation Committee

Date: Wednesday, September 23, 2026

Place: Anderson Room  
Richmond City Hall

Present: Councillor Carol Day, Chair  
Councillor Michael Wolfe  
Councillor Kash Heed (by teleconference)  
Councillor Alexa Loo

Also Present: Councillor Andy Hobbs  
Councillor Bill McNulty

Call to Order: The Chair called the meeting to order at 4:00 p.m.

### MINUTES

It was moved and seconded

*That the minutes of the meeting of the Public Works and Transportation Committee held on July 22, 2026, be adopted as circulated.*

**CARRIED**

### AGENDA ADDITIONS

It was moved and seconded

- (1) *That Bayview Street Speeding Concerns be added as Item No. 4A;*
- (2) *That E-Bikes and E-Scooters Speeding Concerns - Railway Corridor and Steveston Multi-Use Pathway be added as Item No. 4B;*
- (3) *That 6100 Block Francis Road Speeding Concerns and Pedestrian Sidewalk be added as Item No. 4C;*

**Public Works & Transportation Committee**  
**Wednesday, September 23, 2026**

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- (4) *That Speeding and Pedestrian Safety Concerns - Chatham Street and Fourth Avenue be added as Item No. 4D;*
- (5) *That Britannia Drive Petition be added as Item No. 4E; and*
- (6) *That Finn Road Traffic Reader Data be added as Item No. 4F.*

**CARRIED**

**ENGINEERING AND PUBLIC WORKS DIVISION**

**1. LOCAL GOVERNMENT CLIMATE ACTION PROGRAM (LGCAP) YEAR 5 SURVEY REPORT AND 2025 CORPORATE EMISSION INVENTORY**

(File Ref. No. 10-6125-07-01) (REDMS No. 8478643)

In response to a query from Committee, staff advised there was no attendance at the national conference on climate adaptation; however, staff had recently attended an urban sustainability network event, Canada's premier national conference on climate adaptation.

It was moved and seconded

*That the LGCAP Year 5 Survey and Attestation Form as described in the report titled "Local Government Climate Action Program (LGCAP) Year 5 Survey Report and 2025 Corporate Emission Inventory", dated August 20, 2026, from the General Manager, Engineering and Public Works be endorsed and posted on the City's website for public information, in accordance with Provincial requirements.*

**CARRIED**

**2. REVIEW OF ROADS AROUND ERRINGTON ELEMENTARY SCHOOL**

(File Ref. No. 10-6500-01) (REDMS No. 8456529)

In response to queries from Committee, staff advised of (i) extensive consultation with school principals, (ii) a survey of those residing on roads adjacent to the Errington Elementary School, and (iii) the new residential speed limit of 30 km/h would be tracked.

It was moved and seconded

*That the report titled "Review of Roads Around Errington Elementary School", dated August 20, 2026, from the General Manager, Engineering and Public Works, be received for information.*

**CARRIED**

**Public Works & Transportation Committee**  
**Wednesday, September 23, 2026**

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**3. GLENALLAN GATE AND GLENALLAN DRIVE - STREET PARKING ADJUSTMENTS**

(File Ref. No. 10-6500-01) (REDMS No. 8456537)

Discussion ensued with respect to (i) the unsafe access to Glenallan Gate, (ii) that a new build (townhouses) may have impacted street parking, and (iii) parking availability for the residence located on the southeast corner at Glenallan Drive.

It was moved and seconded

*That the report titled “Glenallan Gate and Glenallen Drive – Street Parking Adjustments”, dated August 24, 2026, from the General Manager, Engineering and Public Works, be received for information.*

**CARRIED**

**4. GRANVILLE AVENUE AND SHELL ROAD WALKWAY UPDATE**

(File Ref. No. 10-6000-01) (REDMS No. 8487993)

Nat Mataru, Richmond resident, requested an update on negotiations with Canadian National Railway (CNR) related to pedestrian safety improvements along the Shell Road walkway and Granville Avenue, citing (i) ongoing difficulties for pedestrians as evidenced in photos and video clip submitted of a person maneuvering another in a wheelchair, (ii) sandbags and gravel recently installed in the area that did nothing to improve access, (iii) CNR having authority but not responding to the City’s concerns in a timely manner, and (iv) ongoing safety concerns regarding 35 ft. of no road shoulder for pedestrians.

In response to queries from Committee, staff reported that (i) a design for an interim gravel shoulder was complete, (ii) a request to CNR for expedited review of the plan had been submitted, (iii) a capital submission for funds and application for a cost sharing grant were complete, (iv) some shoulder work that does not encroach on CNR right of way has been completed, (v) staff will review the requirements for a similar crossing upgrade at Blundell, (vi) staff will give consideration to moving crossing signals, and (vii) staff will review clearances required as per Transport Canada regulations.

As a result of the discussion, the following motion was introduced:

It was moved and seconded

*That a letter from the Mayor be written to the Member of Parliament, Richmond East-Steveston, Parm Bains, to help expedite the review of an interim gravel shoulder for pedestrian safety near the Granville Avenue Canadian National Railway crossing and Shell Road trail.*

**CARRIED**

**Public Works & Transportation Committee**  
**Wednesday, September 23, 2026**

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It was moved and seconded

*That the report titled "Granville Avenue and Shell Road Walkway Update", dated August 20, 2026, from the General Manager, Engineering and Public Works, be received for information.*

**CARRIED**

**4A. BAYVIEW STREET SPEEDING CONCERNS**

Staff advised that due to public concern regarding traffic speeding, Bayview Street had been monitored for speeding issues, and the majority of traffic was travelling at or below 30 km/h. A further traffic study would be made within the next month.

In response to queries from Committee, staff advised (i) there are no traffic circles or other traffic calming measures planned, (ii) the traffic speed has been consistent at 30 km/h and there was no anticipation of fluctuation, and (iii) residents have the ability to have speed humps installed adjacent to their properties.

**4B. E-BIKES AND E-SCOOTERS SPEEDING CONCERNS - RAILWAY CORRIDOR AND STEVESTON MULTI-USE PATHWAY**

In response to queries from Committee noting a recent accident at Railway Green, Steveston multi-use causeway, staff advised (i) that data from Coastal Health was not available and a meeting with the Medical Health Officer was scheduled, (ii) that improved signage and pavement stencils indicating maximum speed of 15 km/h were being provided, and (iii) instances of e-bike and e-scooter speeding need to be reported to traffic.

Discussion ensued with respect to (i) maximum 15 km/h speed in multi-use areas as opposed to 20 km/h in designated bike lanes, (ii) school board programs for safe riding, (iii) rental scooters locations, and (iv) the enforcement of the mandatory use of helmets.

**4C. 6100 BLOCK FRANCIS ROAD SPEEDING CONCERNS AND PEDESTRIAN SIDEWALK**

Staff has advised Richmond Royal Canadian Mounted Police of the requests for enforcement of speed limits from residents of the 6100 block of Francis Road.

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**4D. SPEEDING AND PEDESTRIAN SAFETY CONCERNS - CHATHAM STREET AND FOURTH AVENUE**

In response to queries from Committee, staff advised that (i) the corner of Chatham at Fourth Avenue has been studied in regard to delineating angle parking, and (ii) reports of speeding have been noted.

Discussion ensued with respect to (i) upgrades to the crosswalk to Chatham Street angled parking, (ii) the artificial traffic bulge, (iii) how the line of road was changed to bring traffic into the laneway, and (iv) that visibility needs to be improved.

**4E. BRITANNIA DRIVE PETITION**

In response to a query from Committee, staff responded to the petition from residents regarding a road assessment and limiting speeding traffic with a study of the road and a meeting with neighbours.

**4F. FINN ROAD TRAFFIC READER DATA**

Staff advised the speed on Finn Road had been reduced from 50 km/h to 30 km/h and the collection of data from a traffic reader in response to some residents reporting racing on the road.

In response to queries from Committee, staff responded that (i) they were unaware of any formal request for traffic calming, and (ii) that the study of data was continuing.

**5. MANAGER'S REPORT**

***(i) Tilbury Phase 2 Liquefied Natural Gas Expansion***

Staff reported that despite the City's opposition the Tilbury Phase 2 Liquefied Natural Gas Expansion project received approval from the provincial and federal governments on September 21, 2026.

**Public Works & Transportation Committee**  
**Wednesday, September 23, 2026**

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**ADJOURNMENT**

It was moved and seconded

*That the meeting adjourn (4:47 p.m.).*

**CARRIED**

Certified a true and correct copy of the Minutes of the meeting of the Public Works and Transportation Committee of the Council of the City of Richmond held on Wednesday, September 23, 2026.

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Councillor Carol Day  
Chair

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Vivian Guthrie  
Recording Secretary



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**To:** Public Works and Transportation Committee      **Date:** October 2, 2026  
**From:** Roeland Zwaag      **File:** 10-6000-00/Vol 01  
General Manager, Engineering and Public  
Works  
**Re:** **Award of Contract – 8522Q – Supply and Delivery of Valves & Hydrants**

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**Staff Recommendation**

1. That Contract 8522Q – Supply and Delivery of Valves & Hydrants be awarded in two parts for an initial three-year term commencing November 1, 2026, as follows:
  - a. the supply and delivery of valves be awarded to Fred Surridge Ltd. for an estimated contract value of \$651,000, excluding taxes; and
  - b. the supply and delivery of hydrants be awarded to Andrew Sheret Ltd. for an estimated contract value of \$726,000, excluding taxes;for a combined contract value of \$1,377,000, excluding taxes, as described in the report titled “Award of Contract – 8522Q – Supply and Delivery of Valves & Hydrants,” dated September 16, 2026, from the Director, Public Works;
2. That the Chief Administrative Officer and the General Manager, Engineering and Public Works, be authorized to execute the contracts and all related documents with Fred Surridge Ltd. and Andrew Sheret Ltd.; and
3. That the Chief Administrative Officer and the General Manager, Engineering and Public Works, be authorized to extend the initial three-year contracts for up to two additional one-year terms, to a maximum total term of five years, for a maximum aggregate contract value of \$2,329,000, excluding taxes.

**Executive Summary**

The City issued a Request for Quotation (RFQ) 8522Q – Supply and Delivery of Valves & Hydrants to establish contracts for materials required to support the ongoing operation, maintenance, repair and renewal of the City’s water distribution system. Three quotations were received and evaluated separately for the RFQ.

Based on the lowest priced compliant bid received through the competitive procurement process, staff recommend awarding the valve portion of the contract to Fred Surridge Ltd. and the hydrant portion to Andrew Sheret Ltd. The recommended split award represents the lowest evaluated quotation for each respective product category and will provide the City with the best value. The contracts would commence on November 1, 2026 for a period of three years, renewable up to five years at a maximum combined contract value of \$2,329,000, excluding taxes.

## Staff Report

### Origin

The purpose of this report is to recommend the award of contract for the supply and delivery of fire hydrants, valves and related waterworks components necessary to support the City's water distribution system.

These materials are required for the ongoing operation, maintenance, renewal and rehabilitation of the City's water infrastructure. Fire hydrants and valves enable reliable water delivery, system isolation, and emergency response such as fire protection throughout the City.

To engage qualified suppliers for these materials, the City issued a Request for Quotation (RFQ) 8522Q – Supply and Delivery of Valves & Hydrants on BC Bid.

This report presents the results of the RFQ process and recommends awarding the valve portion to Fred Surridge Ltd. and the hydrant portion to Andrew Sheret Ltd.

This report supports Council's Strategic Plan 2022-2026 Focus Area #2 Strategic and Sustainable Community Growth:

*Strategic and sustainable growth that supports long-term community needs and a well-planned and prosperous city.*

### Analysis

The RFQ invited qualified bidders to provide quotations for the supply and delivery of valves and hydrants in support of capital, maintenance and repair works in the City's Water Services section.

All products are required to meet the City's technical specifications and applicable industry standards, including American Water Works Association (AWWA) and American National Standards Institute (ANSI) specifications.

Three (3) quotations were received by the closing date from the following bidders:

- Andrew Sheret Ltd.
- Fred Surridge Ltd.
- Wolseley Canada Inc.

The RFQ document advised bidders that the City would place the greatest emphasis on price, however, all bidders are known and reputable suppliers of these products.

The RFQ required bidders to submit separate financial quotations for valve and hydrant materials based on historical data and anticipated annual demand. The RFQ terms stipulated that the City may award different components of the work to one or more bidders.

A summary of quotations is provided in Tables 1 and 2 below.

Table 1: RFQ Submission Result Summary – Valves

| <b>Ranking</b> | <b>Company</b>            | <b>Total Annual Amount (excluding taxes)</b> |
|----------------|---------------------------|----------------------------------------------|
| <b>1</b>       | <b>Fred Surridge Ltd.</b> | <b>\$196,833</b>                             |
| 2              | Wolseley Canada Inc.      | \$197,050                                    |
| 3              | Andrew Sheret Ltd.        | \$197,528                                    |

Table 2: RFQ Submission Result Summary – Hydrants

| <b>Ranking</b> | <b>Company</b>            | <b>Total Annual Amount (excluding taxes)</b> |
|----------------|---------------------------|----------------------------------------------|
| <b>1</b>       | <b>Andrew Sheret Ltd.</b> | <b>\$219,601</b>                             |
| 2              | Wolseley Canada Inc.      | \$220,152                                    |
| 3              | Fred Surridge Ltd.        | \$220,699                                    |

### Contract Term

The recommended contract is for an initial three-year term with the option to extend for up to two additional one-year terms at the conclusion of the initial term. The quoted unit prices are firm for the initial three-year contract term. The annual quantities are estimates only and do not represent a minimum purchase commitment by the City.

### **Budgetary Implications**

Contract 8522Q will be funded through applicable capital and operating budgets on an “as and when needed” basis. The estimated value of the contracts over the initial three-year term is \$1,377,000, excluding taxes.

The City will retain the option to extend the contracts for up to two additional one-year terms. The estimated value of the two optional extension years is \$952,000, excluding taxes, resulting in a maximum aggregate contract value of \$2,329,000, excluding taxes, as summarized in Table 3.

Table 3: Estimated Contract Cost

| <b>Estimated Cost</b>                                                        |                           |                           |                    |
|------------------------------------------------------------------------------|---------------------------|---------------------------|--------------------|
|                                                                              | <b>Valves</b>             | <b>Hydrants</b>           |                    |
|                                                                              | <b>Fred Surridge Ltd.</b> | <b>Andrew Sheret Ltd.</b> | <b>Total</b>       |
| First Year<br>(November 2026 – October 2027)                                 | \$217,000                 | \$242,000                 | \$459,000          |
| Second Year<br>(November 2027 – October 2028)                                | \$217,000                 | \$242,000                 | \$459,000          |
| Third Year<br>(November 2028 – October 2029)                                 | \$217,000                 | \$242,000                 | \$459,000          |
| <b>Subtotal (Three-year Term)</b>                                            | <b>\$651,000</b>          | <b>\$726,000</b>          | <b>\$1,377,000</b> |
| Optional Fourth Year – 2.5% price increase<br>(November 2029 – October 2030) | \$222,000                 | \$248,000                 | \$470,000          |
| Optional Fifth Year – 2.5% price increase<br>(November 2030 – October 2031)  | \$228,000                 | \$254,000                 | \$482,000          |
| <b>Subtotal (Optional Years)</b>                                             | <b>\$450,000</b>          | <b>\$502,000</b>          | <b>\$952,000</b>   |
| <b>Total Estimated Costs (exclusive of taxes)</b>                            | <b>\$1,101,000</b>        | <b>\$1,228,000</b>        | <b>\$2,329,000</b> |

### Conclusion

The City completed a competitive procurement process for the supply and delivery of valves and hydrants required to support the ongoing operation, maintenance, repair and renewal of the water distribution system.

Staff recommend awarding the valve portion of Contract 8522Q to Fred Surridge Ltd. and the hydrant portion to Andrew Sheret Ltd. for an initial three-year term, with options to extend for up to two additional one-year terms.

Respectfully submitted,

Suzanne Bycraft, Director, Public Works

### Report Contributors

This report was prepared by Deborah Prystay, Project Manager, and reviewed by Finance.

Endorsed by Serena Lusk, CAO



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|              |                                                                |              |                        |
|--------------|----------------------------------------------------------------|--------------|------------------------|
| <b>To:</b>   | Public Works and Transportation Committee                      | <b>Date:</b> | September 22, 2026     |
| <b>From:</b> | Roeland Zwaag<br>General Manager, Engineering and Public Works | <b>File:</b> | 10-6500-01/2025-Vol 01 |
| <b>Re:</b>   | <b>Top 20 Collision-Prone Intersections Update 2026</b>        |              |                        |

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### Staff Recommendation

That the report titled “Top 20 Collision-Prone Intersections Update 2026”, from the General Manager, Engineering and Public Works, dated September 22, 2026, be received for information.

### Executive Summary

This report provides an update on the status of improvements to the City’s Top 20 Collision-Prone Intersections in response to questions raised at the May 20, 2026, Public Works and Transportation Committee meeting.

Since 2019, intersection safety improvements have been implemented based on results of road safety reviews and warrant studies for new traffic signal installations. Minor improvements to all of the Top 20 Collision-Prone Intersections, major geometric improvements to 10 intersections and installation of new traffic signals at 24 intersections have been completed over the past seven years. Construction at an additional 10 intersections is ongoing or upcoming over the next two years.

## Staff Report

### Origin

At the May 20, 2026, Public Works and Transportation Committee meeting, The Committee requested an update on the status of the Top 20 Collision-Prone Intersections program and other upcoming intersection improvement projects within the City.

This report provides information on how intersections are selected for safety improvements, provides a status update on Council-approved improvements and an overview of potential future projects.

This report supports Council's Strategic Plan 2022-2026 Focus Area #3 A Safe and Prepared Community:

*Community safety and preparedness through effective planning, strategic partnerships and proactive programs.*

### Analysis

#### Origin of Intersection Improvement Projects

Intersections recommended for road safety improvements are identified through a combination of road safety reviews and warrant studies for traffic signal implementation. Intersection improvements are also delivered through development.

#### *2019 Review of Collision-Prone Intersections*

In 2019, the City completed a road safety review using collision data from ICBC to identify the Top 20 Collision-Prone Intersections based on:

- The observed collision rate;
- The collision severity index, which is a measure of how severe collisions are and whether they resulted in injuries or fatalities; and
- The number of collisions involving vulnerable road users such as cyclists and pedestrians.

Through this assessment, the Top 20 Collision-Prone Intersections within the City were identified. These intersections are outlined in Attachment 1.

Short-term improvements, such as improved signage, pavement markings and minor traffic signal modifications were implemented at each of the Top 20 Collision-Prone Intersections as part of the 2020 Capital Budget.

Additional assessments were conducted on the Top 20 Collision-Prone Intersections to identify potential causes of chronic collision patterns and determine long-term safety improvements to mitigate collisions. These improvements typically include addition of new turning lanes, traffic signal and timing modifications, removal of channelized right-turn islands, intersection lighting

improvements and pedestrian and cycling safety and accessibility improvements.

### *Removal of Channelized Right-Turn Islands*

Through the additional assessment, channelized right-turn islands were found to be a significant contributor for vehicle collisions and pedestrian conflicts.

A report titled “Removal of channelized right-turn islands to Improve Road Safety” from the Director, Transportation dated September 6, 2022, identified 45 intersections within the City with channelized right-turns. Staff reviewed these intersections based on jurisdictional authority, right-turn vehicle volumes, pedestrian volumes, collision history and intersection geometry. The report recommended the following actions:

- Removal of channelized right-turn islands at 11 intersections (three are part of the City’s Top 20 Collision-Prone Intersections); and
- Further assessments to be undertaken at two intersections to review feasibility of removing existing right-turn channels.

These intersections are identified in Attachment 2.

A memorandum titled “Channelized Right Turn Safety – No.4 Road and Alderbridge Way Intersection Safety Improvements” from the Director, Transportation dated May 19, 2026, reviewed historical right turn collisions at the intersection. It found that channelized right-turns resulted in a collision rate 15 times higher than normal right turn movements. 44 per cent of those collisions resulted in injury. A review of average collision rates at eight major intersections in Richmond found that, on average, the collision rate for channelized right-turns was four times higher than normal right turn movements.

### *Installation of New Traffic Signals*

Installation of new traffic signals at intersections is typically driven by growth and are guided by the City’s Official Community Plan. Installation of new traffic signals at intersections to improve safety and traffic flow are determined through warrant studies which considers factors such as observed traffic volumes, traffic performance, collision history, pedestrian demands and the specific conditions at the intersections.

### Status of Intersection Improvement Projects

#### *Completed Intersection Upgrades*

Since 2019, projects have been brought forward for Council’s approval as part of annual budget processes. Intersection safety upgrades have also been completed through development of adjacent properties. To date, works that have been completed through a combination of capital construction and development include:

- Short-term upgrades of all of the Top 20 Most Collision-Prone Intersections.
- Long-term upgrades of five of the Top 20 Most Collision-Prone Intersections:
  - No. 5 Road at Cambie Road;
  - No. 4 Road at Cambie Road;

- No. 5 Road at Westminster Highway;
- No. 2 Road at Westminster Highway; (final paving and restoration work remaining); and
- Minoru Boulevard at Granville Avenue.
- Removal of channelized right-turns at five intersections:
  - No. 3 Road at Capstan Way;
  - Westminster Highway at Gilley Road;
  - Garden City Road at Lansdowne Road;
  - Cooney Road at Westminster Highway; and
  - St. Edwards Drive at Cambie Road.
- Installation of new traffic signals at sixteen intersections, as identified in Attachment 3.

The completion of long-term improvements for intersections listed above is too recent to assess safety improvements. To accurately assess changes in collision statistics at improved intersections, 5 full calendar years of data is needed for enough data to be collected for comparison. There is also a one-year delay for ICBC to process and release collision data. Should an intersection experience periods of disruption, such as for development or utility construction, additional data may be required.

### *Upcoming Intersection Improvements*

Improvements to 10 intersections are underway through Capital Plans approved through 2026. Proposed improvements to an additional two intersections are included in the 2027 Capital Plan for Council consideration. The status of these projects are summarized in Table 1.

**Table 1: Upcoming Upgrades to Intersections**

| Intersection                        | Status and Construction Schedule                 | Scope of Work                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Granville Avenue at Cooney Road     | Construction underway, target completion Q4 2026 | <ul style="list-style-type: none"> <li>● Removal of a channelized right-turn island at the northwest corner of the intersection</li> <li>● Conversion of the southbound right turn lane to a shared through and right turn lane</li> </ul>                                                                                                                                                                                     |
| Great Canadian Way at Beckwith Road | Construction underway, target completion Q4 2026 | <ul style="list-style-type: none"> <li>● New traffic signal</li> </ul>                                                                                                                                                                                                                                                                                                                                                         |
| Cambie Road at Garden City Road     | Construction underway via development            | <ul style="list-style-type: none"> <li>● New southbound right-turn lane</li> <li>● Pedestrian safety and accessibility improvements at the northwest corner of the intersection</li> <li>● Traffic signal improvements</li> </ul>                                                                                                                                                                                              |
| No. 4 Road at Westminster Highway   | Construction underway, target completion Q2 2027 | <ul style="list-style-type: none"> <li>● Addition of dual left-turn lanes in the eastbound and westbound directions</li> <li>● Implementation of protected-only left-turns in the eastbound and westbound directions</li> <li>● Alignment adjustment of the northbound and southbound left-turn lanes to create a positive offset to improve visibility</li> <li>● Pedestrian safety and accessibility improvements</li> </ul> |
| Cambie Road at Brown Road           | Construction underway, target completion Q4 2026 | <ul style="list-style-type: none"> <li>● New traffic signal</li> <li>● Pedestrian safety and accessibility improvements</li> </ul>                                                                                                                                                                                                                                                                                             |

|                                        |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bridgeport Road at Sexsmith Road       | Construction underway, target completion Q4 2026              | <ul style="list-style-type: none"> <li>• New pedestrian activated traffic signal crossing Bridgeport Road</li> <li>• Removal of a channelized right-turn island</li> </ul>                                                                                                                                                                                                                                                                                    |
| Coppersmith Place at Steveston Highway | Construction underway, target completion Q3 2027              | <ul style="list-style-type: none"> <li>• Removal of a channelized right-turn island to be completed as part of the Steveston Highway Multi-Use Pathway project</li> </ul>                                                                                                                                                                                                                                                                                     |
| Garden City at Alderbridge Way         | Construction scheduled for 2027                               | <ul style="list-style-type: none"> <li>• Removal of channelized right-turn islands at the northwest, southwest and southeast corners</li> <li>• Addition of dual left-turn lanes in the eastbound direction</li> <li>• Cycling facility improvements along Garden City Road</li> <li>• Transit improvements including addition of a southbound bus queue jump to improve bus speed and reliability and a new eastbound bus stop on Alderbridge Way</li> </ul> |
| No. 6 Road at Vulcan Way               | Construction scheduled for 2027/2028 (subject to CN approval) | <ul style="list-style-type: none"> <li>• New traffic signal and CN rail signal and gates</li> </ul>                                                                                                                                                                                                                                                                                                                                                           |
| No. 4 Road at Alderbridge Way          | Construction scheduled for 2028                               | <ul style="list-style-type: none"> <li>• Removal of a channelized right-turn island at the southeast and southwest corners of the intersection</li> <li>• Adjust offset of eastbound and westbound left-turn lanes to improve visibility</li> </ul>                                                                                                                                                                                                           |
| No.4 Road at Blundell Road             | Included in 2027 Capital Plan for Council Consideration       | <ul style="list-style-type: none"> <li>• Minor road widening and pavement marking adjustments to create additional westbound lane</li> </ul>                                                                                                                                                                                                                                                                                                                  |
| No.3 Road and Granville Ave            | Included in 2027 Capital Plan for Council consideration       | <ul style="list-style-type: none"> <li>• Traffic signal improvements</li> <li>• Street lighting improvements</li> <li>• Pedestrian safety and accessibility improvements</li> </ul>                                                                                                                                                                                                                                                                           |

### *Future Upgrades to Top 20 Collision-Prone Intersections*

Staff continue to assess potential improvements at intersections that have been identified as part of the Top 20 Collision-Prone Intersection report and the Removal of channelized right-turn islands to Improve Road Safety report. The status of these projects are described in Attachments 1 and 2.

For many of the remaining 15 intersections identified for improvements, these improvements require additional property to accommodate turn lanes, cycling facilities and improved pedestrian infrastructure. Staff recommend that these changes be implemented through future re-development of surrounding properties.

Intersections where there may be an opportunity for medium-term improvements prior to re-development will be reviewed and should any suitable improvements be determined, they will be brought forward for Council's consideration as part of future Capital Plan submissions. Currently there are three intersections under review:

- Shell Road at Alderbridge Way;
- Garden City Road at Sea Island Way; and
- Garden City Road at Granville Avenue.

### **Budgetary Implications**

Future intersection improvements will be presented to Council for consideration as part of the annual budget process.

### **Conclusion**

The City is committed to improving the safety and operational efficiency of our transportation network. Since 2019, major safety and operational improvements have been implemented at 34 intersections, with upgrades to another 10 intersections underway.

Staff continue to review opportunities to implement safety, operational and accessibility improvements throughout the City, which may be secured through re-development of adjacent properties or through future Capital Budgets.

Respectfully submitted,

Lloyd Bie, Director, Transportation

### **Report Contributors**

This report was prepared by Justin Ng, Acting Manager, Transportation Development and Design, and reviewed by Transportation.

Endorsed by Serena Lusk, CAO

- Att. 1: Status and Scope of Top 20 Collision-Prone Intersections
- 2: Status of Channelized Right-Turn Island Removal Projects
- 3: Intersections with New Traffic Signals Installed (2019 – 2026)

### Status and Scope of Top 20 Collision-Prone Intersections

| Top 20 Ranking | North-South Road | East-West Road      | Project Status                                 | Completed Works or Potential Works                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|------------------|---------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1              | Shell Road       | Alderbridge Way     | Under Review                                   | <b>Potential Works</b> <ul style="list-style-type: none"> <li>channelized right-turn improvement or removal</li> <li>Traffic signal adjustments</li> <li>Pedestrian/Cycling infrastructure improvement</li> </ul> <b>Future Works</b> <ul style="list-style-type: none"> <li>Additional southbound and eastbound right turn lanes</li> </ul> <b>Note:</b> Requires coordination with Ministry of Transportation and Transit and CN Rail |
| 2              | Garden City Road | Sea Island Way      | Under Review                                   | <b>Potential Works</b> <ul style="list-style-type: none"> <li>channelized right-turn improvement or removal</li> <li>Traffic signal adjustments</li> <li>Modifications to laning and merge conditions</li> <li>Pedestrian/Cycling infrastructure improvement</li> </ul> <b>Note:</b> Requires coordination with Ministry of Transportation and Transit                                                                                  |
| 3              | No. 2 Road       | Westminster Highway | Complete (2026)                                | <b>Completed Works</b> <ul style="list-style-type: none"> <li>Removal of channelized right-turn</li> <li>Additional eastbound left-turn lane</li> <li>Traffic signal adjustments</li> <li>Pedestrian safety and accessibility improvements</li> <li>Pedestrian/Cycling infrastructure improvement</li> <li>Final paving and restoration work remaining</li> </ul>                                                                       |
| 4              | No. 4 Road       | Alderbridge Way     | Approved for Construction (scheduled for 2028) | <b>Construction Works</b> <ul style="list-style-type: none"> <li>Removal of two channelized right-turn</li> <li>Median modifications on Alderbridge Way to create positive offset left-turn lane to improve visibility</li> <li>Pedestrian/Cycling infrastructure improvement</li> </ul>                                                                                                                                                |
| 5              | No. 5 Road       | Westminster Highway | Complete (2025)                                | <b>Completed Works</b> <ul style="list-style-type: none"> <li>Removal of one channelized right-turn</li> <li>Pedestrian/Cycling infrastructure improvement</li> <li>Review of signal timing adjustments to balance safety and traffic flow are ongoing</li> </ul>                                                                                                                                                                       |
| 6              | No. 5 Road       | Cambie Road         | Complete (2024)                                | <b>Completed Works</b> <ul style="list-style-type: none"> <li>Addition of left-turn lanes in all 4 directions</li> <li>Pedestrian safety and accessibility</li> </ul>                                                                                                                                                                                                                                                                   |

|    |                  |                     |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|------------------|---------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                  |                     |                                           | improvements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7  | No. 4 Road       | Westminster Highway | Under Construction                        | <b>Construction Works</b> <ul style="list-style-type: none"> <li>• Implementation of dual eastbound and westbound left-turn lanes</li> <li>• Pedestrian and cyclist safety and accessibility improvements</li> <li>• Addition of dual left-turn lanes in east and westbound directions</li> <li>• North-south lane alignment adjustments to create positive offset left turn lanes to improve visibility</li> </ul>                                                                                                          |
| 8  | Garden City Road | Cambie Road         | Under Construction                        | <b>Construction Works</b> <ul style="list-style-type: none"> <li>• New southbound right-turn lane</li> <li>• Pedestrian safety and accessibility improvements at the northwest corner of the intersection</li> <li>• Traffic signal improvements</li> </ul> <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Driveway consolidation</li> <li>• Pedestrian/Cycling infrastructure improvement</li> </ul>                                                                                       |
| 9  | Garden City Road | Granville Avenue    | Under Review                              | <b>Potential Works</b> <ul style="list-style-type: none"> <li>• Intersection reconfiguration</li> <li>• Signal timing modification</li> <li>• Pedestrian/Cycling infrastructure improvement</li> </ul>                                                                                                                                                                                                                                                                                                                       |
| 10 | No. 2 Road       | Blundell Road       | Future Review                             | <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Driveway consolidation or elimination</li> <li>• Pedestrian/Cycling infrastructure improvement</li> </ul>                                                                                                                                                                                                                                                                                                                                    |
| 11 | No. 3 Road       | Granville Avenue    | Interim Improvements In 2027 Capital Plan | <b>Works Identified in 2027 Capital Plan</b> <ul style="list-style-type: none"> <li>• Traffic signal improvements</li> <li>• Street lighting improvements</li> <li>• Pedestrian safety and accessibility improvements</li> </ul>                                                                                                                                                                                                                                                                                             |
| 12 | No. 4 Road       | Blundell Road       | Interim Improvements In 2027 Capital Plan | <b>Works Identified in 2027 Capital Plan</b> <ul style="list-style-type: none"> <li>• Minor road widening and pavement marking adjustments to create additional westbound lane</li> </ul> <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Traffic signal improvements</li> <li>• Street lighting improvements</li> <li>• Addition of north-south left-turn lanes along No. 4 Road</li> <li>• Pedestrian/Cycling infrastructure improvement</li> <li>• Traffic signal improvements</li> </ul> |

|    |                  |                   |                 |                                                                                                                                                                                                                                                                                                                                                      |
|----|------------------|-------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13 | No. 4 Road       | Cambie Road       | Complete (2026) | <b>Completed Works</b> <ul style="list-style-type: none"> <li>• Addition of left-turn lanes in all directions</li> <li>• Pedestrian/Cycling infrastructure improvement</li> <li>• Traffic signal improvements</li> </ul>                                                                                                                             |
| 14 | Shell Road       | Bridgeport Road   | Future Review   | <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Addition of left-turn lanes in all directions</li> <li>• Pedestrian/Cycling infrastructure improvement</li> <li>• Traffic signal improvements</li> </ul>                                                                                                             |
| 15 | Minoru Boulevard | Granville Avenue  | Complete (2025) | <b>Completed Works</b> <ul style="list-style-type: none"> <li>• Street lighting improvements</li> <li>• Pedestrian accessibility improvements</li> </ul>                                                                                                                                                                                             |
| 16 | Garden City Road | Blundell Road     | Under Review    | <b>Potential Works</b> <ul style="list-style-type: none"> <li>• Streetlighting improvements</li> </ul> <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Addition of left-turn lanes in all 4 directions</li> <li>• Pedestrian safety and accessibility improvements</li> <li>• Traffic signal improvements</li> </ul> |
| 17 | No.1 Road        | Francis Road      | Future Review   | <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Addition of left-turn lanes in all directions</li> <li>• Traffic signal improvements</li> </ul>                                                                                                                                                                      |
| 18 | No.1 Road        | Steveston Highway | Future Review   | <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Addition of north-south left-turn lanes on No.1 Road</li> <li>• Aligning east-west left-turn lanes</li> <li>• Traffic signal improvements</li> </ul>                                                                                                                 |
| 19 | Gilbert Road     | Blundell Road     | Future Review   | <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Addition of east-west left-turn lanes on Blundell Road</li> <li>• Traffic signal improvements</li> </ul>                                                                                                                                                             |
| 20 | No. 5 Road       | Blundell Road     | Future Review   | <b>Future Works (with Development)</b> <ul style="list-style-type: none"> <li>• Traffic signal improvements</li> </ul>                                                                                                                                                                                                                               |

### Status of Channelized Right-Turn Island Removal Projects

| Intersection        |                     | Channelized Right-Turn Island Removal Recommended in 2022 | Status / Recommendation                                                                                                                                     |
|---------------------|---------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| North-South Road    | East-West Road      |                                                           |                                                                                                                                                             |
| Garden City Road    | Lansdowne Road      | Yes                                                       | Completed                                                                                                                                                   |
| No. 3 Road          | Capstan Way         | Yes                                                       | Completed                                                                                                                                                   |
| Westminster Highway | Gilley Road         | Yes                                                       | Completed                                                                                                                                                   |
| Cooney Road         | Westminster Highway | Yes                                                       | Completed                                                                                                                                                   |
| Cooney Road         | Granville Avenue    | Yes                                                       | <b>Construction In Progress 2026</b>                                                                                                                        |
| Railway Avenue      | Granville Avenue    | Yes                                                       | Under Review                                                                                                                                                |
| St. Edwards Drive   | Cambie Road         | Yes                                                       | Completed                                                                                                                                                   |
| Garden City Road    | Alderbridge Way     | Yes                                                       | <b>Construction 2027</b><br><i>Removal of the southbound, westbound, and northbound right-turn movements</i>                                                |
| No.6 Road           | Vulcan Way          | No                                                        | <b>Construction 2027/2028</b><br><b>(Subject to CN Approval)</b>                                                                                            |
| Shell Road          | Cambie Road         | No                                                        | N/A                                                                                                                                                         |
| Shell Road          | Westminster Highway | No                                                        | N/A                                                                                                                                                         |
| Boundary Road       | Westminster Highway | No                                                        | N/A                                                                                                                                                         |
| Coppersmith Place   | Steveston Highway   | Further review required                                   | <b>Construction 2026-2027</b><br><i>Removal of the eastbound right-turn movements as part of Phase 4 of the Steveston Highway Multi-Use Pathway Project</i> |
| No. 5 Road          | Steveston Highway   | Further review required                                   | Future review                                                                                                                                               |

**Intersections with New Traffic Signals Installed (2019 – 2026)**

|    | <b>North-South Road</b> | <b>East-West Road</b> |
|----|-------------------------|-----------------------|
| 1  | Minoru Gate             | Granville Avenue      |
| 2  | Kwantlen Street         | Lansdowne Road        |
| 3  | Railway Avenue          | Garry Street          |
| 4  | No. 2 Road              | Moncton Street        |
| 5  | No. 5 Road              | Vulcan Way            |
| 6  | Old Westminster Highway | Westminster Highway   |
| 7  | No. 5 Road              | King Road             |
| 8  | Moffatt Road            | Blundell Road         |
| 9  | Nelson Road             | Blundell Road         |
| 10 | River Parkway           | Cambie Road           |
| 11 | River Parkway           | Leslie Road           |
| 12 | Shell Road              | Williams Road         |
| 13 | St. Albans Road         | Bennett Road          |
| 14 | Cooney Road             | Park Road             |
| 15 | No. 5 Road              | Granville Avenue      |
| 16 | Lynas Lane              | Granville Avenue      |
| 17 | No. 4 Road              | Edgington Avenue      |
| 18 | Pearson Way             | River Road            |
| 19 | No. 3 Road              | McMyn Way             |
| 20 | Bridgeport Road         | McLennan Avenue       |
| 21 | Hazelbridge Way         | Capstan Way           |
| 22 | Minoru Boulevard        | Mah Bing Road         |
| 23 | Buswell Street          | Park Road             |