



## Public Works and Transportation Committee

Date: Wednesday, February 19, 2025

Place: Anderson Room  
Richmond City Hall

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

Also Present: Councillor Andy Hobbs

Call to Order: The Chair called the meeting to order at 5:17 p.m.

### MINUTES

It was moved and seconded

*That the minutes of the meeting of the Public Works and Transportation Committee held on January 22, 2025, be adopted as circulated.*

**CARRIED**

### ENGINEERING AND PUBLIC WORKS DIVISION

1. **DISASTER RESILIENCE AND INNOVATION FUND (DRIF) – NORTH DIKE PRELIMINARY DESIGN PROJECT GRANT APPLICATION**

(File Ref. No. 10-6060-01) (REDMS No. 7921545)

In response to queries from Committee, staff advised that (i) part of the preliminary design project will identify habitat impacts in addition to potential habitation compensation options and (ii) Transportation staff will be engaged during the design process to address concerns and considerations.

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It was moved and seconded

- (1) *That the application to the Disaster Resilience and Innovation Fund (DRIF) as outlined in the staff report titled “Disaster Resilience and Innovation Fund (DRIF) – North Dike Preliminary Design Project Grant Application” dated January 15, 2025 from the Director, Engineering, be endorsed; and*
- (2) *That should the grant application be successful, the Chief Administrative Officer and the General Manager, Engineering and Public Works, be authorized on behalf of the City to negotiate and execute a funding agreement with the Province of British Columbia for the above mentioned project.*

**CARRIED**

**2. PROVINCIAL INVASIVE SPECIES MONITORING UPDATE:  
NORTHERN GIANT HORNET**

(File Ref. No. 10-6160-07-01) (REDMS No. 7948159)

It was moved and seconded

*That the staff report titled “Provincial Invasive Species Monitoring Update: Northern Giant Hornet” dated January 28, 2025 from the Director, Climate and Environment be received for information.*

**CARRIED**

**3. PROPOSED SPEED MITIGATION MEASURES ON DYKE ROAD  
AND LONDON/PRINCESS AREA**

(File Ref. No. 12-8060-20-010623;10-6450-15-01) (REDMS NO. 7859884, 7909364)

Staff provided an overview of their findings following the review of the Dyke Road speed limit, referencing their PowerPoint presentation (attached to and forming part of these minutes as Schedule 1).

In response to queries from Committee, staff advised that (i) the 5-year ICBC collision data noted 14 collisions which mostly represent single-vehicle incidences and did not involve pedestrians or cyclists, and there was no indication that speeding was a contributing factor and (ii) Dyke Road is classified as a local road.

Jesse Li, HUB Cycling's Richmond/YVR Local Committee, spoke in support of lowering the speed limit and introducing traffic calming measures on Dyke Road.

Discussion ensued regarding (i) the implementation of physical traffic calming measures, and (ii) a forthcoming report regarding traffic calming on Dyke Road as a whole.

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It was moved and seconded

*That the staff presentation titled “Review of Dyke Road Speed Limit” be received for information.*

**CARRIED**

4. **MANAGER’S REPORT**

*(i) Cambie Road and No. 5 Road Intersection Upgrade Project*

Staff advised that ICBC re-assessed the Cambie Road and No. 5 Road Intersection Upgrade project and will be contributing an additional \$43,000 as part of cost-share funding.

*(ii) Steveston Highway Multi-Use Pathway Project*

Staff advised that (i) the section between Shell Road and Gilbert Road is complete, (ii) construction is ongoing between Gilbert Road and No. 2 Road, with completion anticipated in the second quarter of 2025, and (iii) construction of the No. 2 Road to Railway Avenue portion has commenced, with completion anticipated in summer 2025.

**ADJOURNMENT**

It was moved and seconded

*That the meeting adjourn (5:38 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, February 19, 2025.

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Councillor Carol Day  
Chair

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Shannon Unrau  
Legislative Services Associate

Schedule 1 to the Minutes of the  
Public Works and Transportation  
Committee meeting of Richmond City  
Council held on Wednesday,  
February 19 , 2025.



# Review of Dyke Road Speed Limit

**Public Works and Transportation  
Committee Meeting**

**February 19, 2025**

# Traffic Calming Process

*Speed mitigation process on local roads is community driven:*

- Residents request speed management on their local street
- Traffic studies are conducted
- Staff consult with residents to develop traffic calming measures
- Surveys distributed to affected residents
- Implementation subject to level of support and/or Council direction

# Study Area



## Dyke Road:

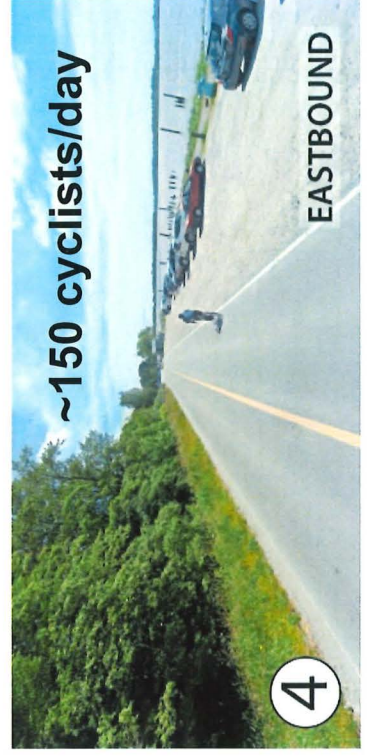
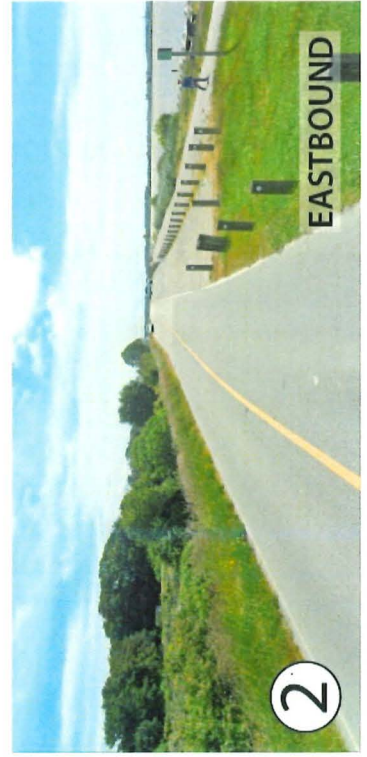
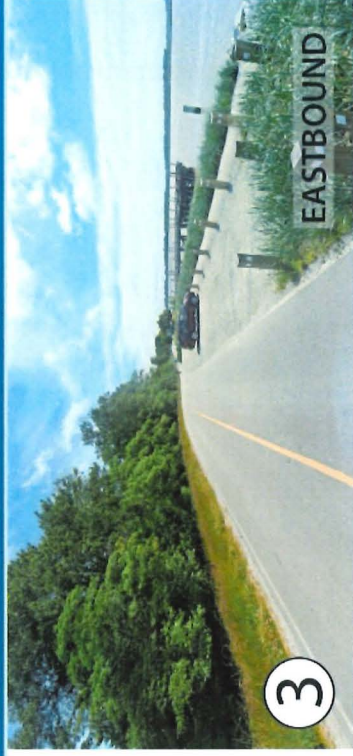
- Local road
- Low traffic volume
- Narrow pavement width

**Vehicle Speeds:** Average = 50 km/h




85<sup>th</sup> Percentile = 60 km/h

**5-Year ICBC Collision Data:** 14 total collisions

# Road Conditions



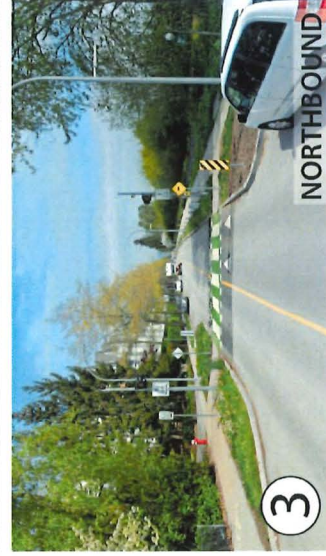
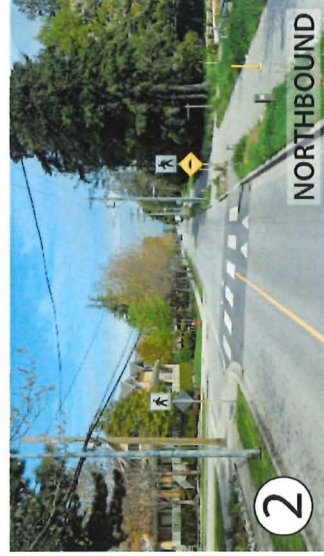
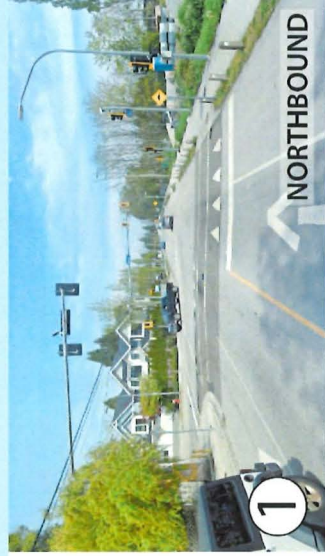
# Lowering Speed Limits

Speed Limit	Traffic Movement (travel time)	Safety* (~collision survivability)	Considerations
	100 seconds	10%	<ul style="list-style-type: none"> <li>• Default MVA speed limit</li> <li>• Appropriate for major streets carrying large amounts of traffic with dedicated sidewalks and cycling facilities</li> </ul>
	125 seconds	50%	<ul style="list-style-type: none"> <li>• Balances efficiency and safety for higher volume collector-type roads</li> <li>• More appropriate for roads with fewer cyclists</li> </ul>
	160 seconds	90%	<ul style="list-style-type: none"> <li>• Supported by Vision Zero &amp; Transport 2050 for local roads and roads shared with cyclists</li> <li>• Consistent with school zone and playground speed limit</li> </ul>

\*Wramborg's model for fatality probability vs. vehicle collision speed



# No. 2 Road



- Existing Traffic Calming Measures south of Moncton Street.

## Vehicle Speeds:

Average = 37 km/h

85<sup>th</sup> Percentile = 46 km/h

# Lower Speed Limit Considerations

## No. 2 Road:

- Consult with adjacent multi-family residences to assess level of support and report back to Council.

## Dyke Road:

- Consulted with London/Princess neighbourhood in October 2024.
- Speed cushions approved by Council in February 2025, will be installed Q2 when weather permits.
- Dyke Road to east has few adjacent properties.
- Can broaden public engagement.