

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:

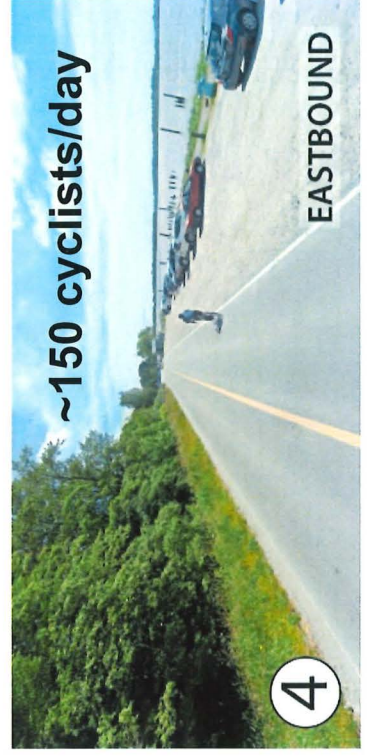
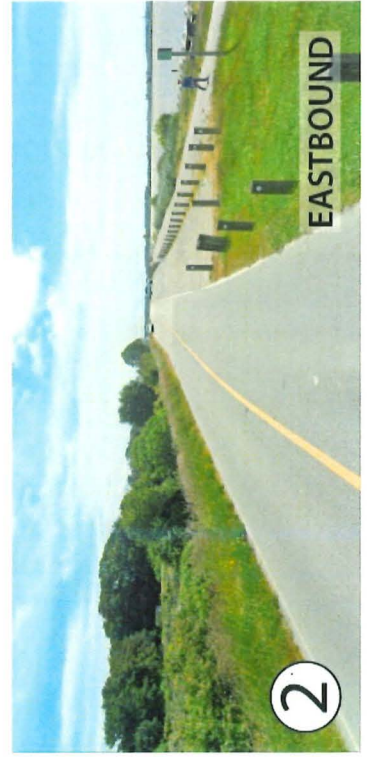
- Local road
- Low traffic volume
- Narrow pavement width

Vehicle Speeds: Average = 50 km/h




85th Percentile = 60 km/h

5-Year ICBC Collision Data: 14 total collisions

Road Conditions

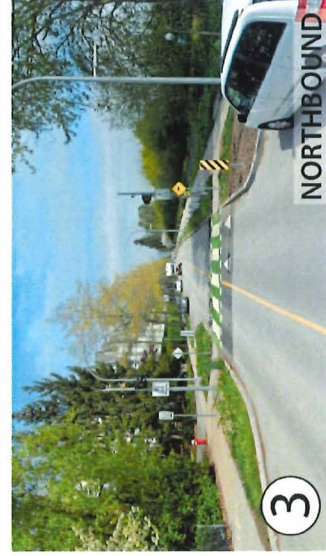
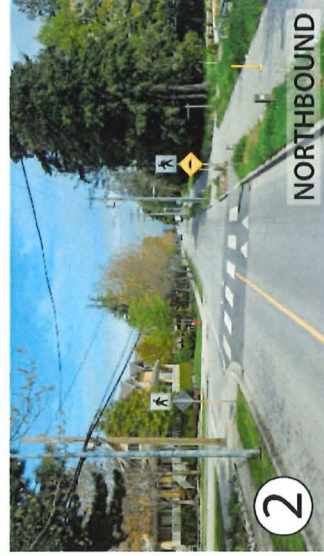
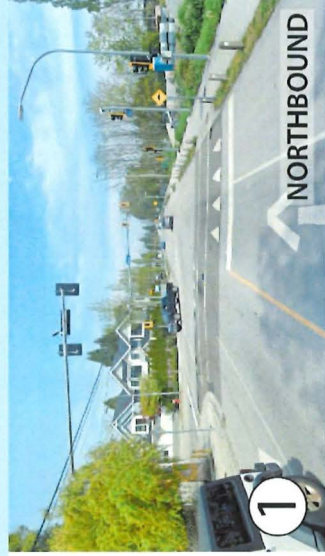


Lowering Speed Limits

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

*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

85th 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.