

COMMITTEE OF THE WHOLE - PUBLIC
SCHOOL DISTRICT 41 - BURNABY
AGENDA

Monday, January 15, 2024, 4:00pm
Video Conference

Pages

Confirmation of Agenda

Education Technology Plan Presentation

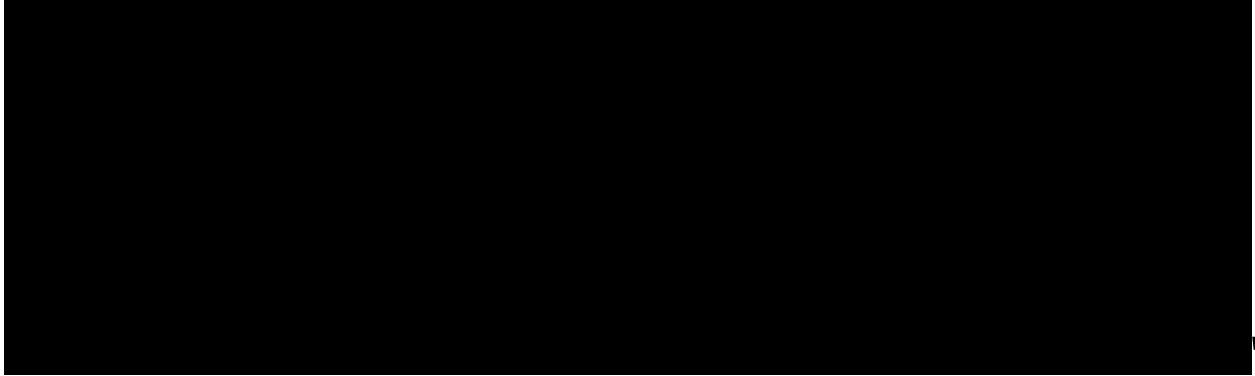
Burnaby North Secondary Demolition

Updates from Burnaby Community Committees:

1. Transportation Committee

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Adjournment



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TO: TRANSPORTATION COMMITTEE
FROM: GENERAL MANAGER ENGINEERING
SUBJECT: **BURNABY ELEMENTARY SCHOOL TRAFFIC AND SAFETY STUDY UPDATE**
PURPOSE: To present an update on the Burnaby Elementary School Traffic and Safety Study.

RECOMMENDATION

THAT the report titled “Burnaby Elementary School Traffic and Safety Study Update” dated November 22, 2023, be received for information.

1.0 POLICY SECTION

The Burnaby Elementary School Traffic and Safety Study supports the City of Burnaby’s Corporate Strategic Plan and goals for a safe, connected, healthy, and dynamic community. The study is also aligned with Council-adopted policies, plans, and strategies within Burnaby’s Transportation Plan that supports a sustainable, safe, and accessible transportation system.

2.0 BACKGROUND

The prevalence of multimodal activities that occur in the vicinity of elementary schools, particularly around school pick-up and drop-off periods, can create potential safety issues and conflicts between vulnerable road users, including parents and students and vehicle drivers. The City initiated the Burnaby Elementary School Traffic and Safety Study in 2022 to review existing traffic conditions and to identify improvement measures to address operational and safety concerns within the vicinity of each school. A total of 43 elementary schools (41 public and 2 private) was part of this review. The study included on-site observations and a review of current traffic volumes and historical ICBC collision data to help understand existing vehicle and pedestrian traffic and/or conflicts. As part of this study, school principals, Parent Advisory Committee (PAC) members, and school crossing guards at each elementary school were also engaged for further inputs to the project team.

3.0 GENERAL INFORMATION

The study has been completed, and staff, considering the technical data and public input gathered, have identified several potential traffic measures to improve school safety and operations.

3.1. Study Recommendations

The study recommendations align with the City’s Traffic and Speed Management Policy

expected to be implemented in 2024 - 2025. City staff is currently reviewing and finalizing the design for the remaining phases.

3.3. Monitoring

Following the implementation of the recommended traffic and safety improvement measures, the City will monitor the impacts, and reassess the opportunity for future improvements or design modifications, if needed.

4.0 COMMUNICATION AND COMMUNITY ENGAGEMENT

School principals, Parent Advisory Committee (PAC) members, and school crossing guards at each elementary school were engaged during the study to better understand existing safety challenges, identify opportunities for improvements, and develop potential mitigation measures. The recommended improvements and phased implementation approach (**Attachment 1**) and the proposed recommendations for the Phase 1 elementary schools (**Attachment 2**) was shared with the School District for reference in Spring 2023.

5.0 FINANCIAL CONSIDERATIONS

The proposed short-term and long-term improvements from this study for all phases of implementation have been included in the Transportation 5-year capital plan.

Respectfully submitted,

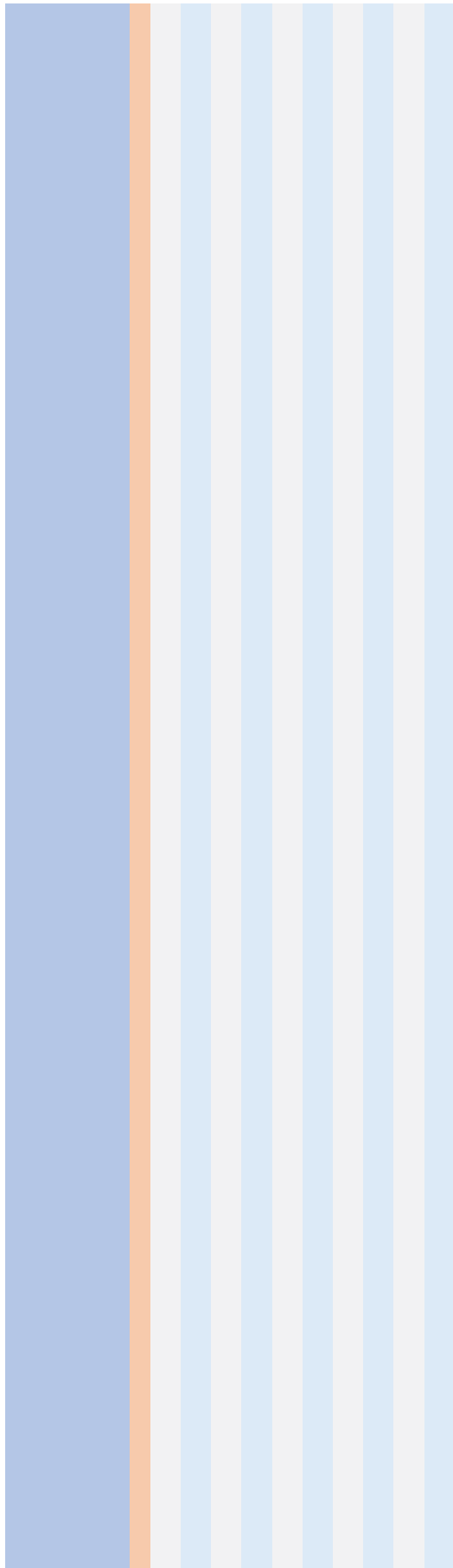
Jozsef Dioszeghy, P.Eng., General Manager Engineering

ATTACHMENTS

- Attachment 1 – Recommended Improvement Summary and Phasing
- Attachment 2 – Proposed Phasing Timeline

REPORT CONTRIBUTORS

This report was prepared by Po Sun, M.Sc., AICP, Transportation Planner, and reviewed Kathy Ho, P.Eng., PTOE, Senior Manager, Transportation, and Amy Choh, P.Eng., PMP, Director Engineering Transportation.



No.	SCHOOL NAME	RECOMMENDED TRANSPORTATION IMPROVEMENTS								
		New Pedestrian Crossings Facilities ¹	Existing Pedestrian Crossing Improvements ²	Traffic Calming ³	Sidewalk / Roadway Improvements	Street Lighting	Signage ⁴	Traffic Operations ⁵	Other	
PHASE 3										
21	Suncrust Elementary			Y			Y	Y	Flex delineators	
22	Twelfth Avenue Elementary			Y		Y			Advanced warning flasher for SB on Canada Way	
23	Brentwood Park Elementary		Y	Y	Y	Y	Y			
24	Cascade Heights Elementary			Y		Y	Y		New curb to deter illegal parking	
25	Ecole Seaforth Elementary		Y	Y	Y	Y	Y		Cones at parking entrance to deter U-turns	
26	Forest Grove Elementary		Y						Intersection redesign with reduced turning radius	
27	South Slope Elementary		Y	Y		Y	Y			
28	Buckingham Elementary		Y	Y						
29	Clinton Elementary		Y	Y		Y	Y			
30	Confederation Park Elementary			Y	Y	Y	Y			

1. Includes intersection and midblock locations

2. Includes crosswalk restriping, crosswalk upgrades, curb ledowns, new signalization, signal timing changes, and RRFB sequence changes

3. Includes raised crosswalk and curb extensions at intersections and midblock locations, speed humps, and speed reader boards

4. Includes pick-up/drop-off (PUDO) designation, signage location change, new traffic operation signs, and new curbside regulations

5. All traffic operational recommendations to require additional detailed review

No.	SCHOOL NAME	RECOMMENDED TRANSPORTATION IMPROVEMENTS								
		New Pedestrian Crossings Facilities ¹	Existing Pedestrian Crossing Improvements ²	Traffic Calming ³	Sidewalk / Roadway Improvements	Street Lighting	Signage ⁴	Traffic Operations ⁵	Other	
PHASE 4										
31	Lochdale Community Elementary	Y		Y			Y			
32	St Helen's Elementary School			Y			Y			
33	Parkcrest Elementary		Y			Y			Flex delineators	
34	Stoney Creek Community Elementary		Y	Y	Y		Y			
35	Braniford Elementary			Y		Y	Y			
36	Chaffey-Burke Elementary			Y		Y	Y			
37	Douglas Road Elementary			Y		Y		Y		
38	Edmonds Community Elementary			Y	Y		Y			
39	Gilpin Elementary			Y		Y	Y			
40	Lakeview Elementary			Y		Y	Y		Flex delineators	

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		New Pedestrian Crossings Facilities ¹	Existing Pedestrian Crossing Improvements ²	Traffic Calming ³	Sidewalk / Roadway Improvements	Street Lighting	Signage ⁴	Traffic Operations ⁵	Other
PHASE 5									
41	Lyndhurst Elementary	Y					Y		Trim vegetation
42	University Highlands Elementary			Y			Y	Y	
43	Westridge Elementary			Y			Y		

1. Includes intersection and midblock locations

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3. Includes raised crosswalk and curb extensions at intersections and midblock locations, speed humps, and speed reader boards

4. Includes pick-up/drop-off (PUDO) designation, signage location change, new traffic operation signs, and new roadside regulations

5. All traffic operational recommendations to require additional detailed review

ATTACHMENT 2 – Proposed Phasing Timeline

Phases	2023	2024	2025	2026	2027	2028
1						
2						
3						
4						
5						

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