



City of
Kelowna

Bertram Street Multiuse Overpass Project

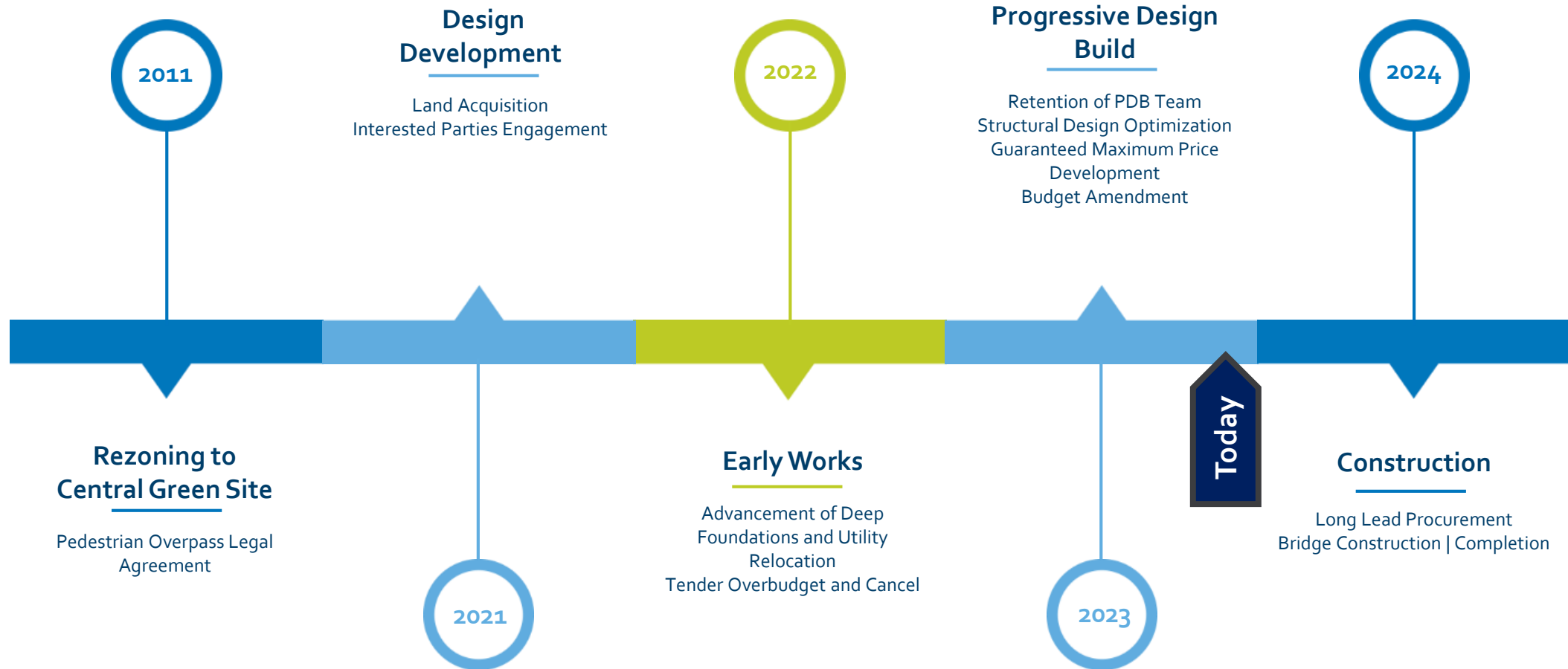
August 28th, 2023

Presentation Outline

- ▶ Timeline
- ▶ Network Connections and Benefits
- ▶ Bridge Design Highlights
- ▶ Financial Overview
- ▶ Recommendation



Project Timeline



Network Connections and Benefits

▶ Safety

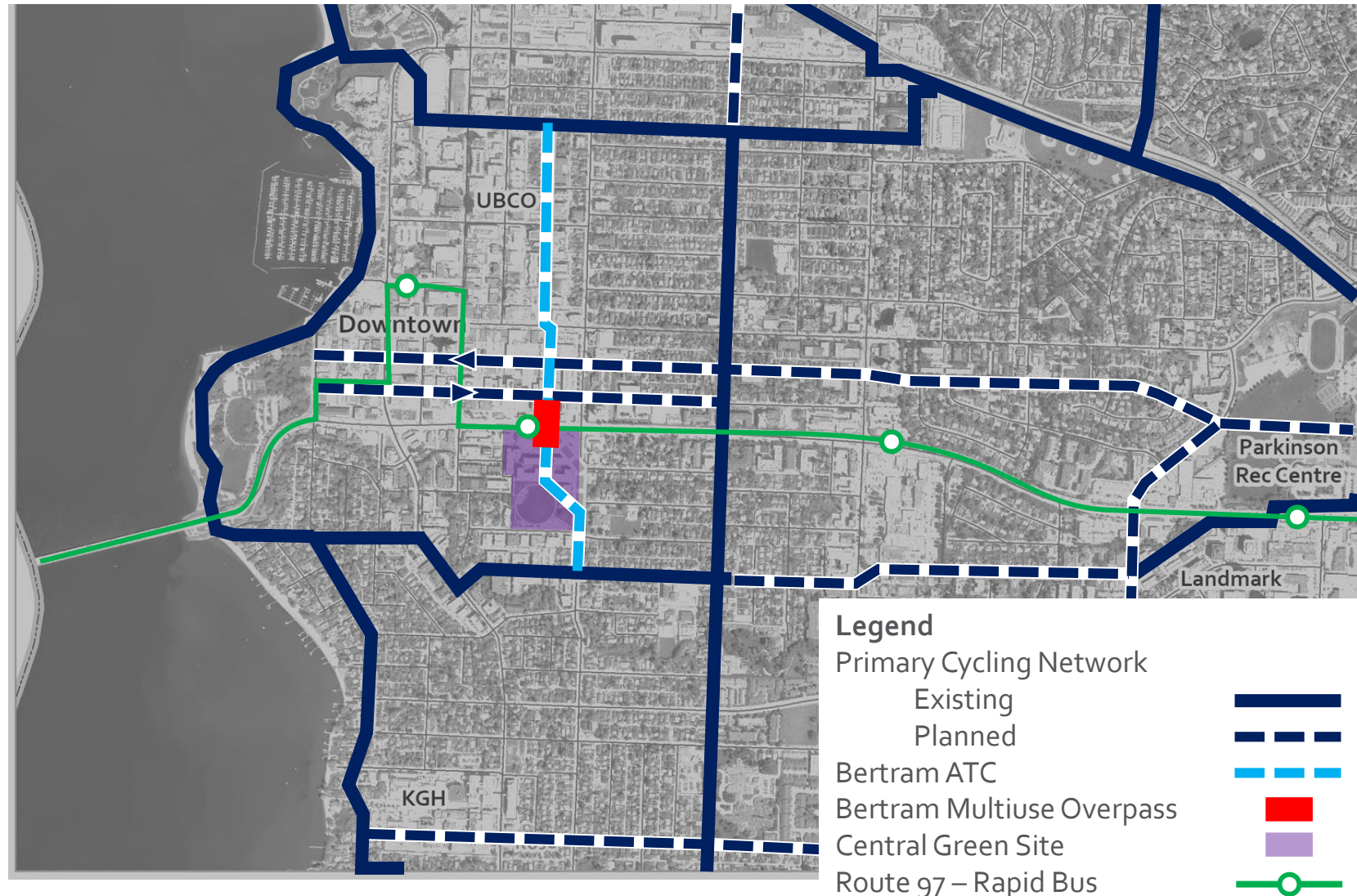
- ▶ Separates vulnerable pedestrians and cyclists from Hwy 97 traffic creating a less stressful and more comfortable crossing.

▶ Network

- ▶ Part of the Bertram ATC, a planned north-south ATC through Downtown that links to adjacent development including UBCO.
- ▶ Links Downtown to neighbourhoods in the south and the larger ATC network, including; Sutherland, Abbott, Ethel corridors.

▶ Transit

- ▶ Provides direct access to RapidBus stops on Harvey.



Highlights and Features

▶ Geometry

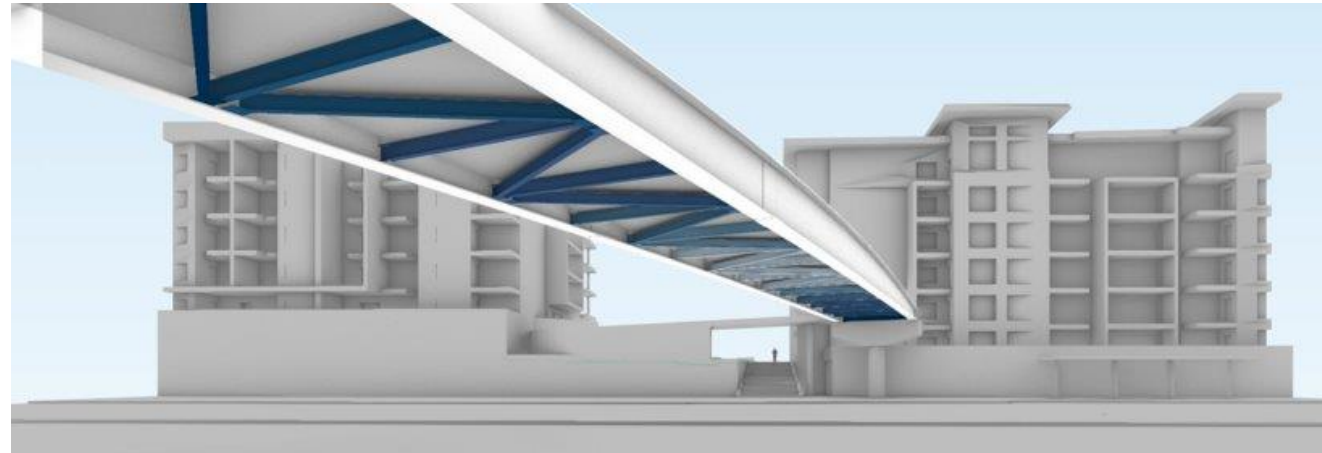
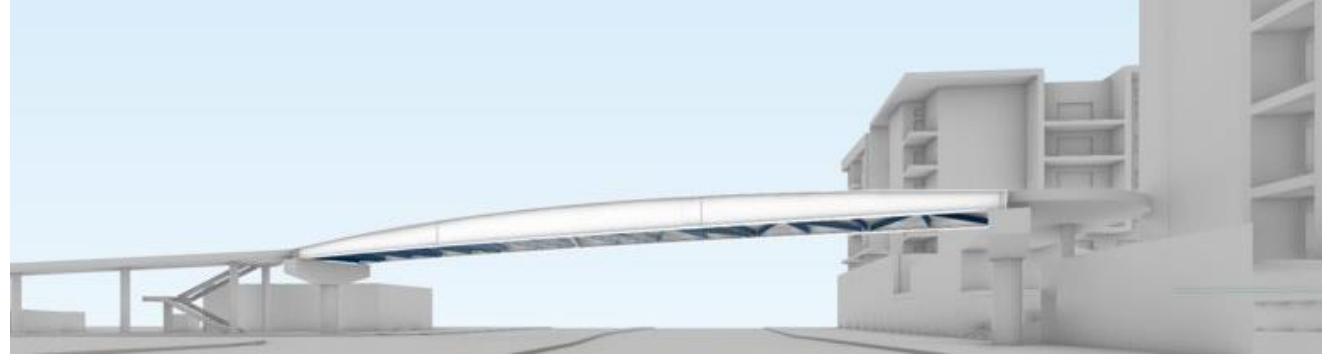
- ▶ 15° Skew Across Harvey Ave
- ▶ 47m Clear Span
- ▶ Accessible Design

▶ Bridge

- ▶ Single Span Steel Through-Plate Girder
- ▶ Concrete Deck
- ▶ Pedestrian + Bike Railing

▶ Ramps

- ▶ North Ramp 132m Length
- ▶ South Ramp 89m Length
- ▶ Cast-In-Place Concrete Access / Egress Stairs



Note: Artistic renderings for illustrative purposes only, design elements may be modified as design details are finalized (inclusive of all figures)

Highlights and Features

- ▶ Pedestrian

- ▶ Accessible ramp design
- ▶ Multiple access stairs

- ▶ Active Transportation

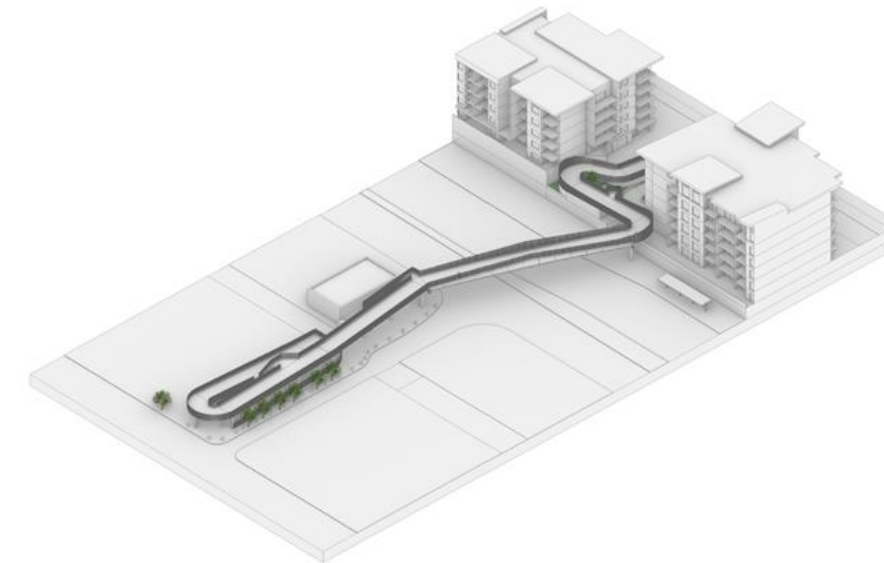
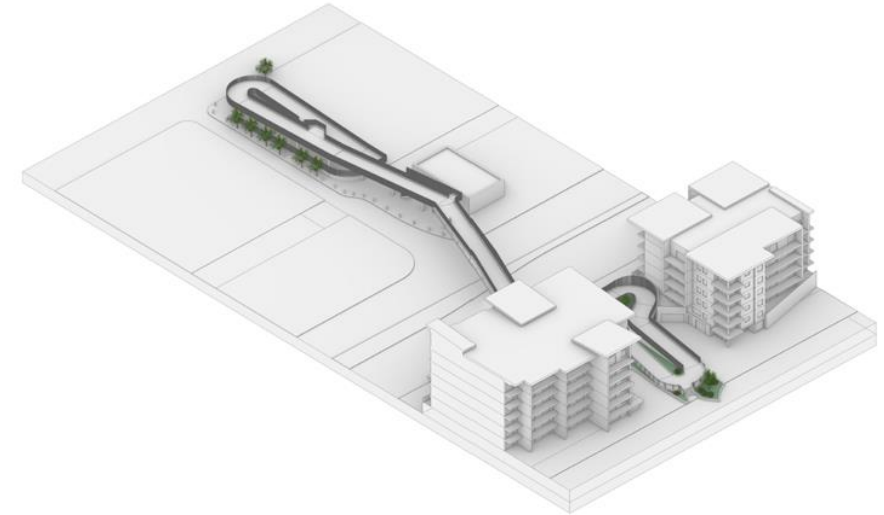
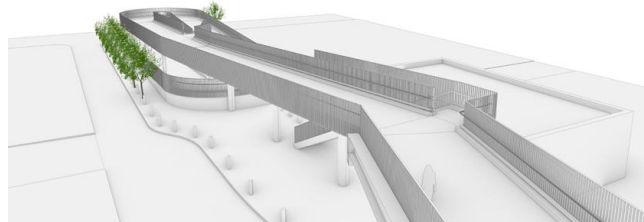
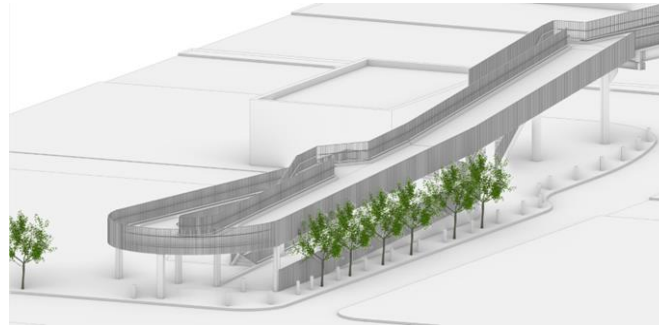
- ▶ 4m Cross Section - Multiuse Path
- ▶ Cycling Design Criteria Utilized

- ▶ Transit

- ▶ Connects Eastbound and Westbound Rapid Bus stops on Harvey

- ▶ Overall

- ▶ Connection to future networks



Note: Artistic renderings for illustrative purposes only, design elements may be modified as design details are finalized (inclusive of all figures)

Financial

- ▶ Progressive Design Build Approach
- ▶ Review of estimate
- ▶ Confirmed budget contract
- ▶ Compared cost to other projects



Expenditure and Cost Summary

Item	Amount	Notes
2023 Expenditures to Date + Contingency	\$1.9m	Detailed design, cost estimate reviews and construction contingency (~8%).
Projected Construction Cost	\$10.2m	Design build construction submission value.
Projected Total Project Cost	\$12.1m	

Funding Summary

Item	Amount	Notes
Current Budget	\$4.4m	2023 Financial Plan
Proposed Budget Amendments	\$7.7m	
Budget Transfers within Transportation	\$0.5m	Reallocation from project surpluses.
Growing Communities Fund*	\$7.2m	Provincial grant
Total	\$12.1m	

*Budget amendments for Growing Communities Fund will be addressed through a separate council report.

Recommendation

Recommendations

- Council receives the update on the Bertram Street Multiuse Overpass Project;
- Council approves funding reallocations within the transportation capital cost center, and;
- Council supports additional funding from the Growing Communities Fund, through a subsequent report.





Questions?

For more information, visit kelowna.ca.

