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# Nelson Canyon Bridge Rehabilitation

Sean O'Sullivan, Senior Manager, Roads and Transportation Planning, Design, and Projects

May 25, 2026

ENGI-903810509-157917

west vancouver

# Presentation Outline

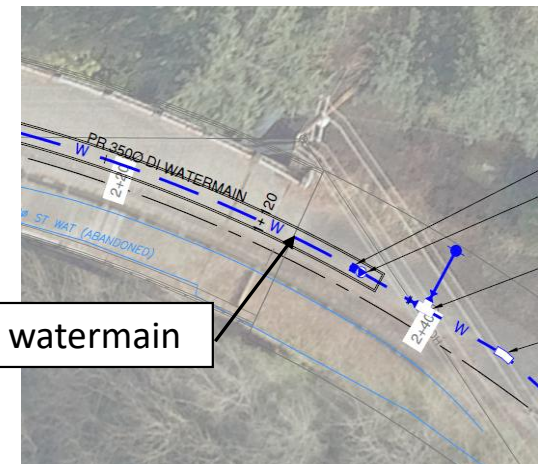
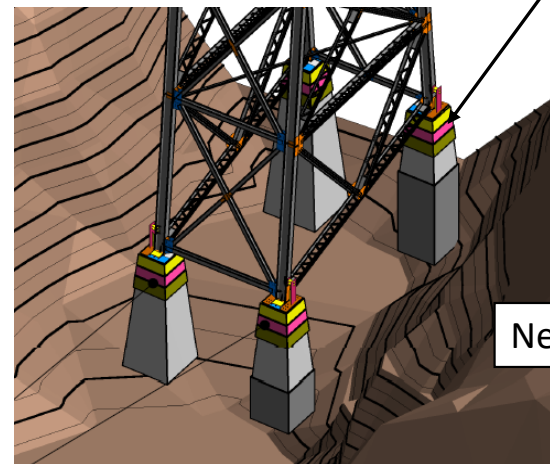
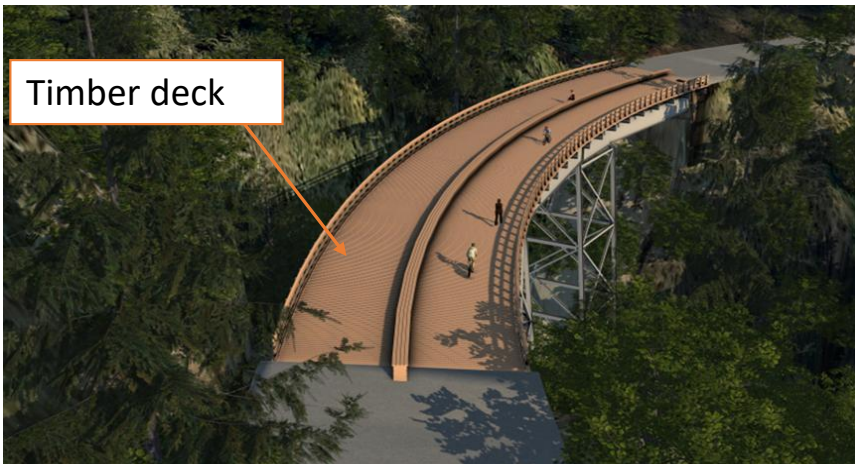
1. 100% Detailed Design
2. Funding Options
3. Recommendation

# 1 100% Detailed Design

# 100% Detailed Design

## Full-Width Timber Deck Replacement with Seismic Upgrades

- replace existing concrete deck with 8 m wide Glulam lightweight timber
- seismic preventative to base of foundations
- new watermain under protective bench
- **2025 Class A cost estimate - \$2,100,000**



# 2 Funding Options

# Funding Options

## ***Total budget:***

- **\$2,100,000** (2025 Class A estimate)

## **Bridge rehabilitation budget and funding option**

- \$1,700,000 (Asset Levy and Unrestricted Community Amenity Contributions)

## **Watermain replacement budget and funding option**

- \$400,000 (Annual Water Utilities Capital Budget)

# 3 Recommendation

## Recommendation

**THAT** the Council report titled “Nelson Canyon Bridge Rehabilitation” dated May 11, 2026, from the Senior Manager, Roads and Transportation Planning, Design, and Projects and the Transportation Technologist, be received for information.

**THAT** staff be directed to include a funding request for the Nelson Canyon Bridge Rehabilitation Project as part of the District 2027 Capital Budget programming, with \$1,700,000 of the project to be funded by the District’s Asset Levy.

**THAT** \$400,000 for the replacement of the water transmission main crossing supported by the Nelson Canyon Bridge form part of the District’s 2027 Annual Capital Water Program funded by the Water Utility.

**THAT** staff be directed to prepare a tender package for the Nelson Canyon Bridge Rehabilitation Project and proceed with tendering upon receipt of budget approval for the project.

**Thank You!**  
**Questions?**

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