

# Trans-Canada Highway 1 RW Bruhn Bridge and Approaches

## Meeting with CSRD

Informational Update on Construction Phase Traffic Strategy  
Summer 2024



1. Anticipated Construction Schedule
2. Traffic Management Objectives
3. Options Evaluation
4. Traffic Management Strategy

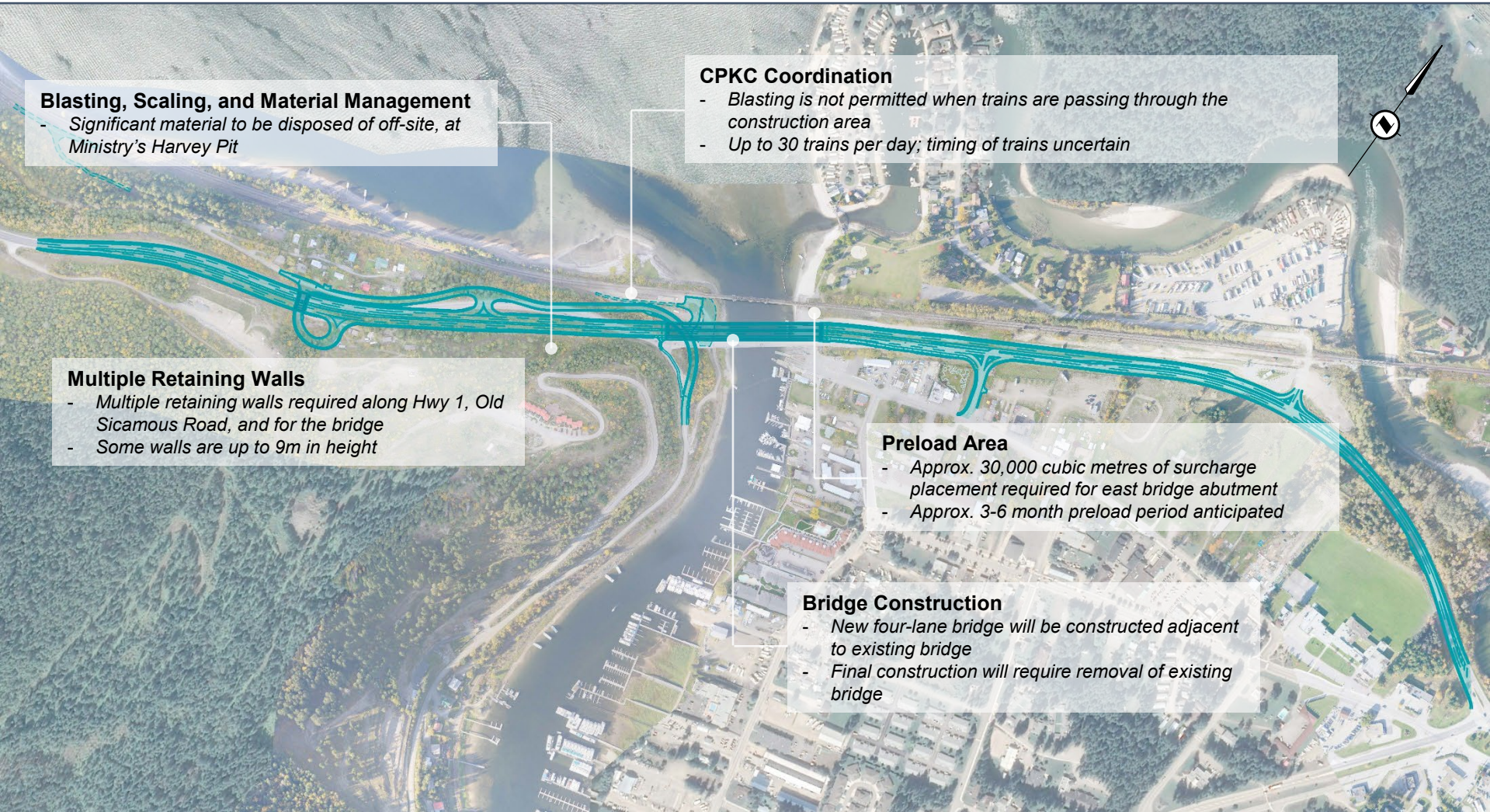
# Anticipated Construction Schedule

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- **Tender:** June 2024
- **Contractor Mobilization:** September 2024
- **Complete construction of new infrastructure:** Late 2026
- **Decommissioning and removal of existing bridge:** 2027
- **Complete Multi-Use Path on New Bridge:** 2027
- **Completion:** Late 2027

*Note: Construction schedule is subject to change and will be confirmed by the retained contractor.*

# Key Construction Activities & Complexities



### Blasting, Scaling, and Material Management

- Significant material to be disposed of off-site, at Ministry's Harvey Pit

### CPKC Coordination

- Blasting is not permitted when trains are passing through the construction area
- Up to 30 trains per day; timing of trains uncertain

### Multiple Retaining Walls

- Multiple retaining walls required along Hwy 1, Old Sicamous Road, and for the bridge
- Some walls are up to 9m in height

### Preload Area

- Approx. 30,000 cubic metres of surcharge placement required for east bridge abutment
- Approx. 3-6 month preload period anticipated

### Bridge Construction

- New four-lane bridge will be constructed adjacent to existing bridge
- Final construction will require removal of existing bridge

## Objectives

- Reduce construction duration
- Provide consistent and predictable access for local residents and businesses
  - Avoid closures during regular commuter windows
  - Limit closures during peak summer tourist season
- Provide consistent and predictable closures for all road users

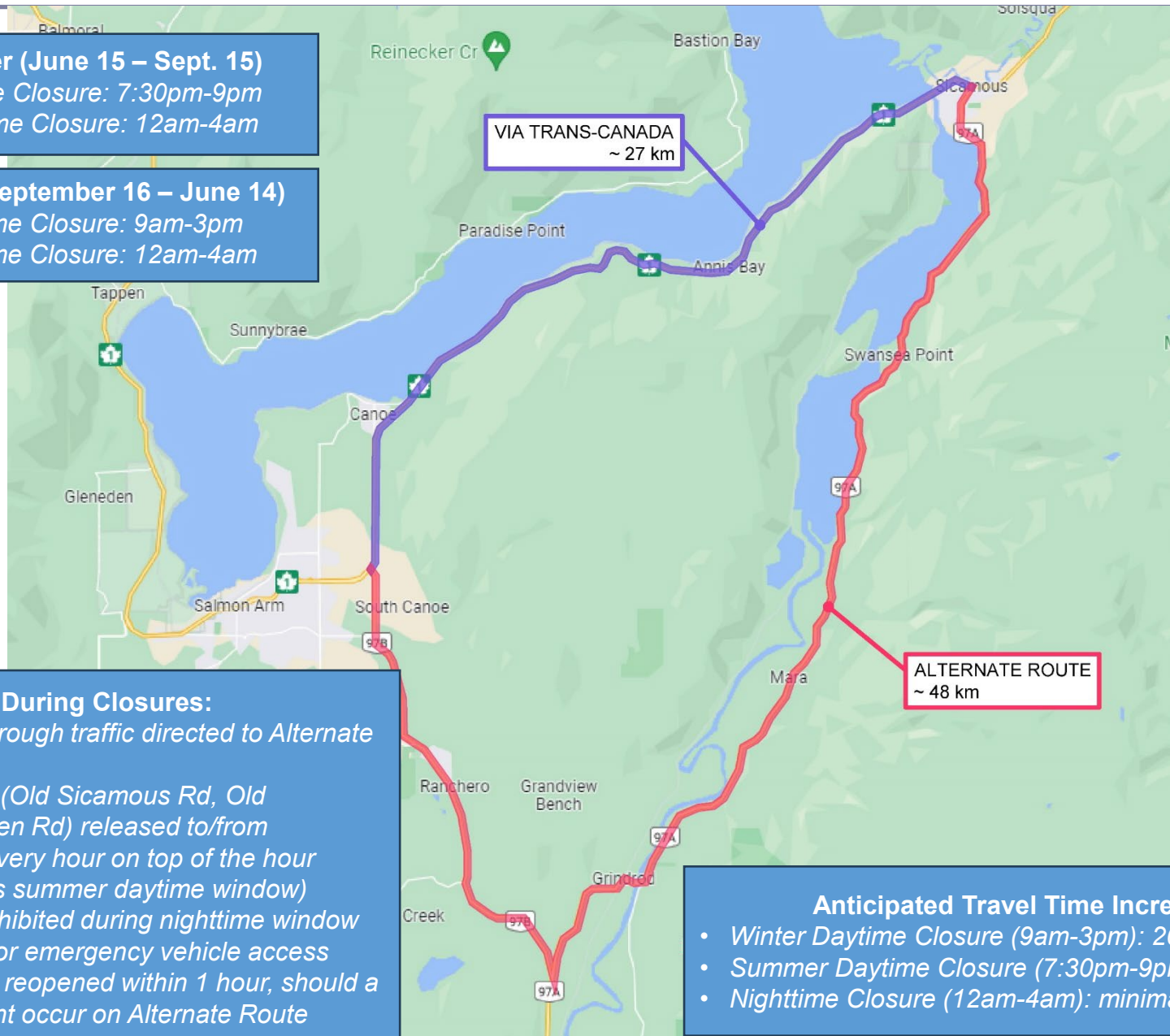
## Actions

- Season specific interruptions
- Extended daytime/nighttime closures with diversion to Alternate Route
- Alternate Route improvements
- Limited short duration closures

# Seasonal, Extended Day/Nighttime Closures

**Summer (June 15 – Sept. 15)**  
*Daytime Closure: 7:30pm-9pm*  
*Nighttime Closure: 12am-4am*

**Winter (September 16 – June 14)**  
*Daytime Closure: 9am-3pm*  
*Nighttime Closure: 12am-4am*



**During Closures:**

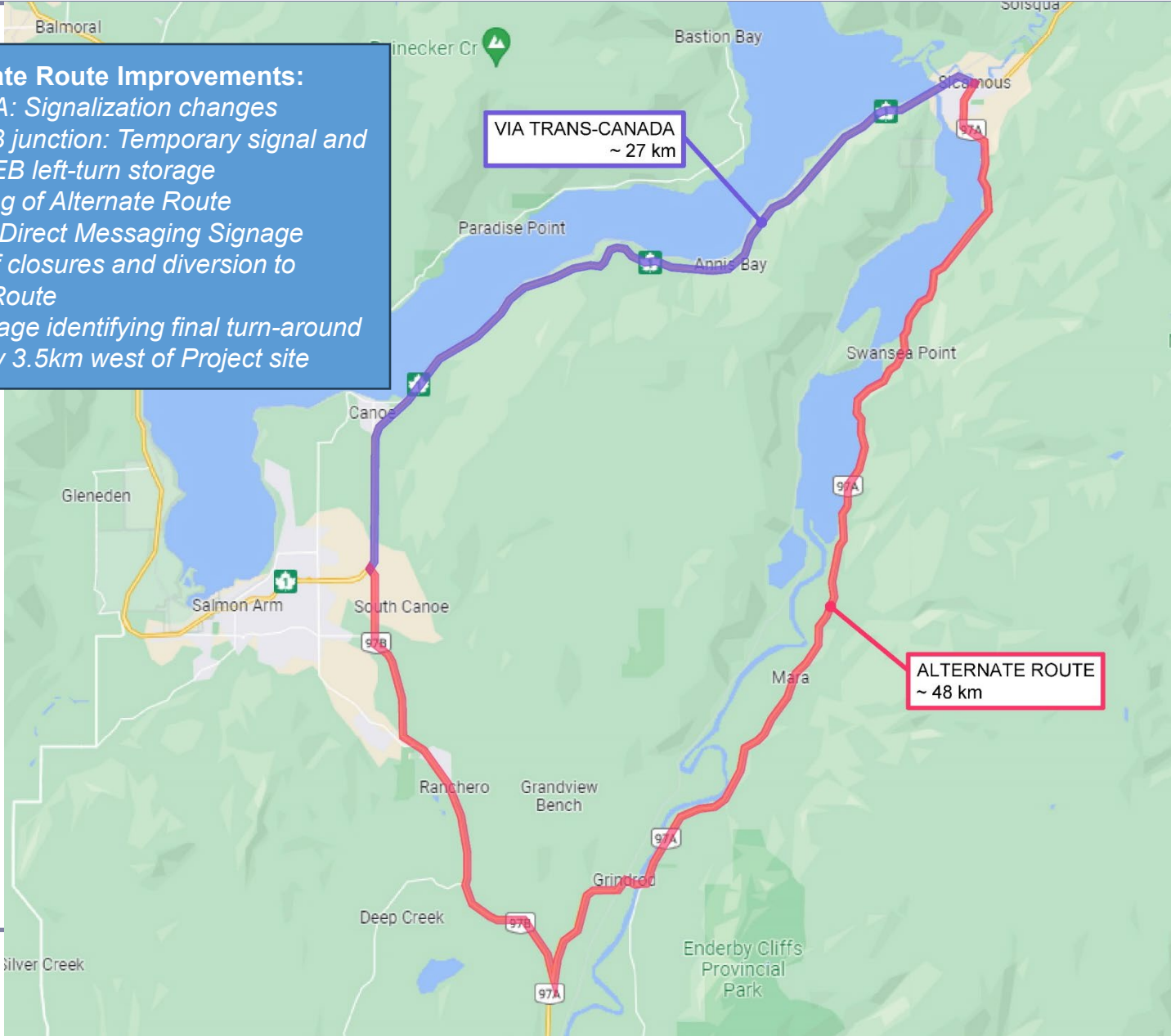
- All Hwy 1 through traffic directed to Alternate Route
- Local traffic (Old Sicamous Rd, Old Spallumcheen Rd) released to/from Sicamous every hour on top of the hour (exception is summer daytime window)
- Blasting prohibited during nighttime window
- Provisions for emergency vehicle access
- Hwy 1 to be reopened within 1 hour, should a serious event occur on Alternate Route

**Anticipated Travel Time Increase:**

- Winter Daytime Closure (9am-3pm): 20-30 min.
- Summer Daytime Closure (7:30pm-9pm): 30-45min.
- Nighttime Closure (12am-4am): minimal impact

# Alternate Route Improvements

- *Hwy 1 /97A: Signalization changes*
- *Hwy 97A/B junction: Temporary signal and extended EB left-turn storage*
- *Resurfacing of Alternate Route*
- *Advanced Direct Messaging Signage advising of closures and diversion to Alternate Route*
- *Static signage identifying final turn-around opportunity 3.5km west of Project site*





- Advance warning East and West of Sicamous via digital message signs advising of closures and diversion to Alternate Route
- Static signage identifying final turn-around opportunity 3.5km west of Project site (will accommodate commercial vehicles)
- Communication of planned closure schedule through DriveBC, TRAN social media channels and Project Website
- Contract requirements for approval of a Public Information Sharing Plan before implementing closures

**Thank you!**