

Comox Valley Sewer Conveyance Project

Groundwater Protection Policy and Traffic Plan

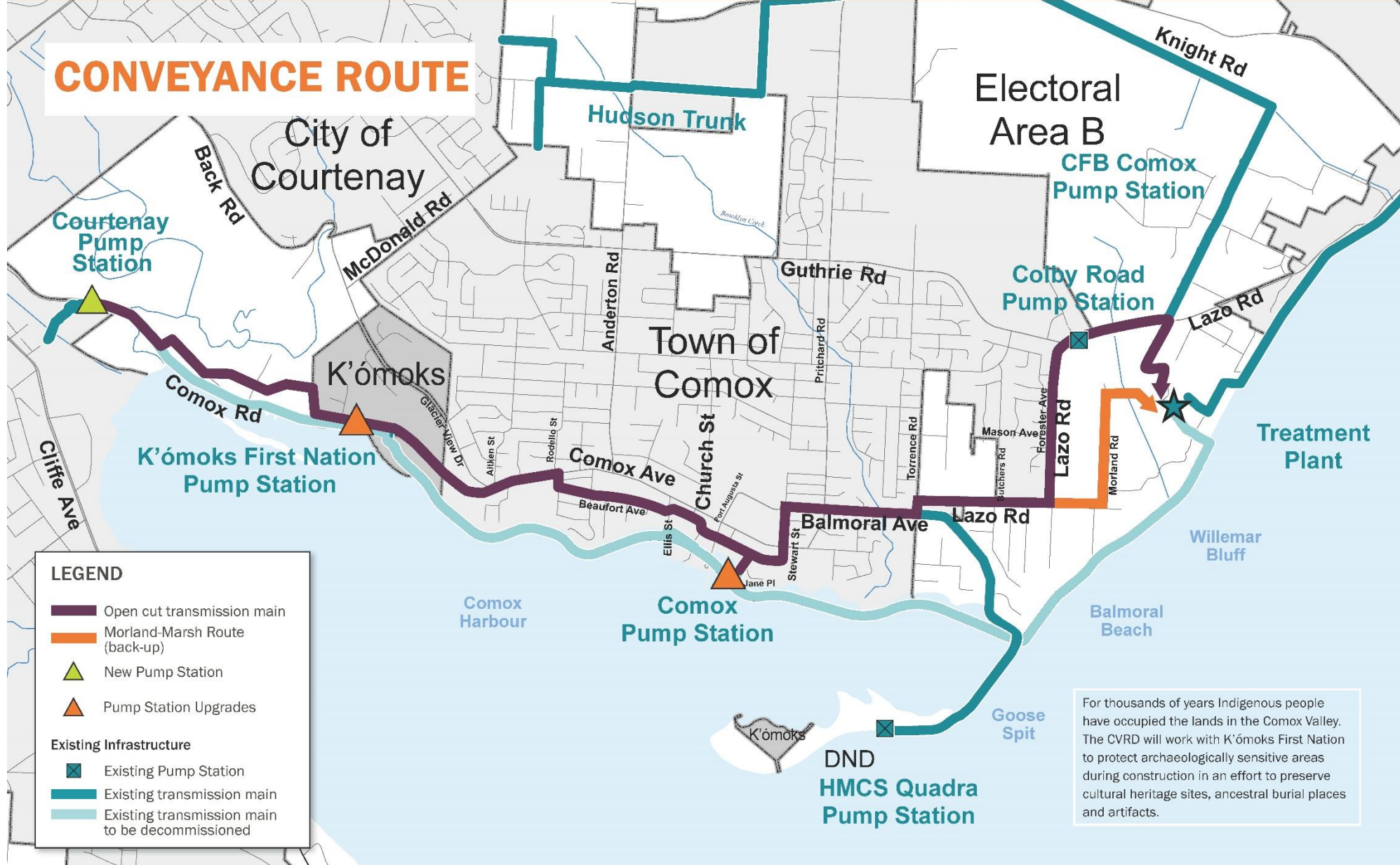
Webinar for Lazo Hill Area Residents

December 7, 2023

Charlie Gore, Manager Capital Projects

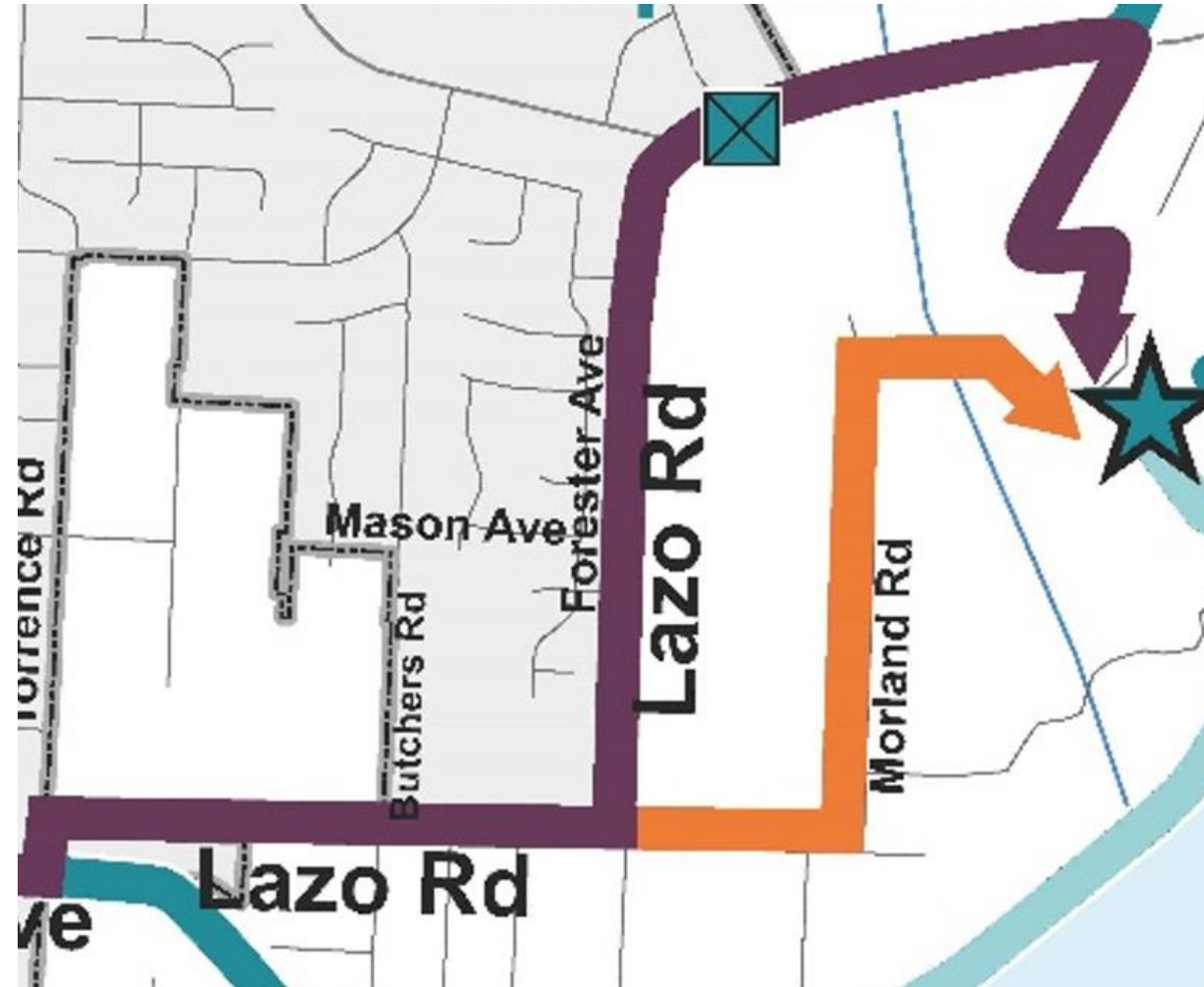


The Comox Valley Regional District respectfully acknowledges the land on which we gather is on the unceded traditional territory of the K'ómoks First Nation, the traditional keepers of this land.






Groundwater monitoring

- Moved well monitoring stations
 - Closer to new alignment
 - More shallow wells due to change in pipe elevation

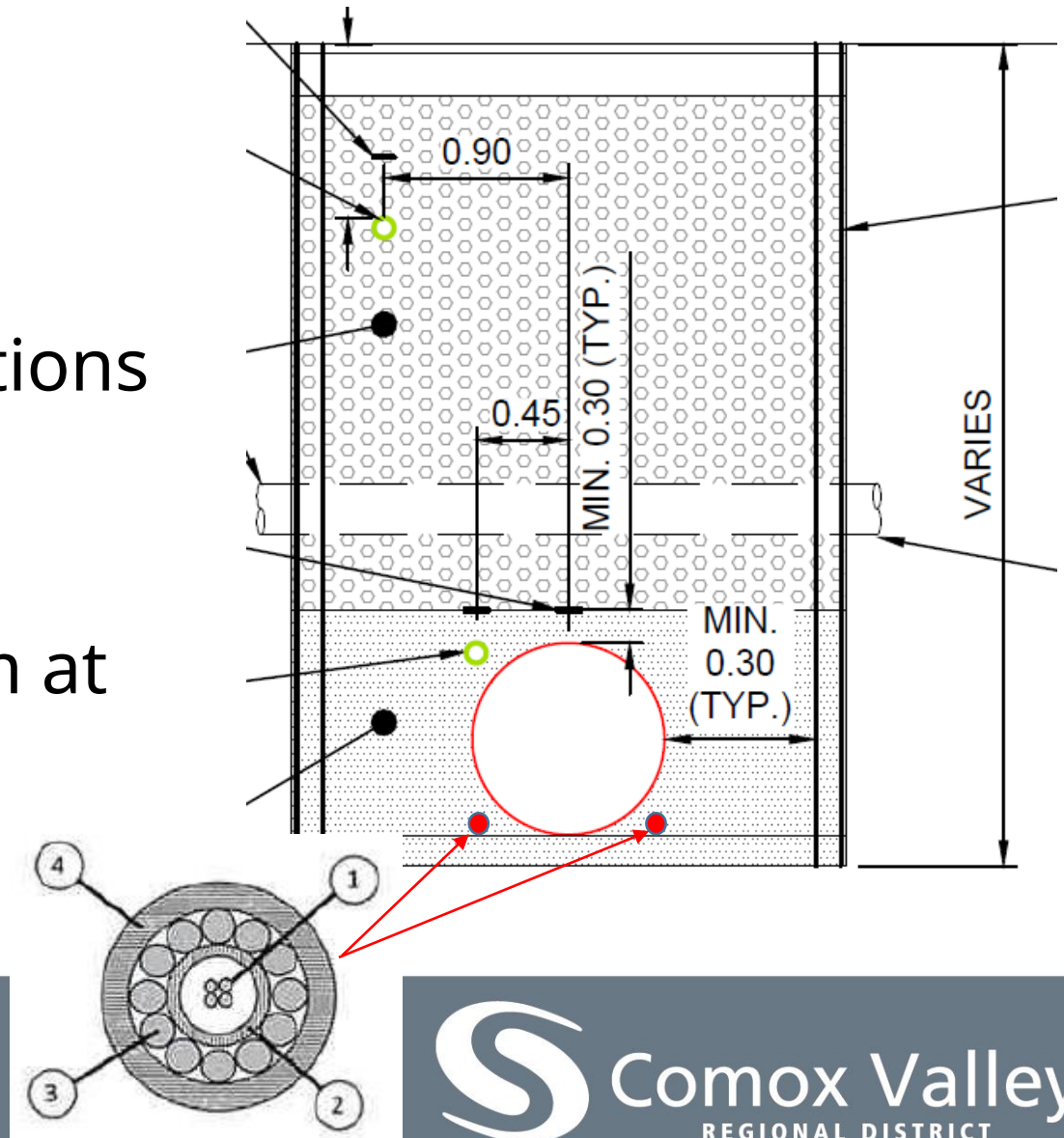


Groundwater Protection Policy

- Pipe alignment and construction methodology change
 - update language to reflect move away from HDD
- Design and Construct to minimize risk of leak 
- Stringent quality control during construction 
- ~~Annual acoustic monitoring for leak detection~~ not possible
- ~~Potential future~~ real-time leak detection ~~if feasible~~
installed to be operational from day 1
- Monitor groundwater annually after install 

Real-time leak detection

- Installed during construction
- Unique fibre cables that can measure temperature fluctuations and pinpoint location
- Monitored by real-time system at Wastewater Treatment Plant



Traffic Management Strategy

- Addendum to the Traffic Management Strategy to include Lazo/Brent
- One to two block road closures required due to narrow road
- Local detours to ensure access maintained to all streets / residences
- Fire gate on Brent Rd to be utilized when required (short duration)
- Traffic Management Plans shared 2-4 weeks prior to construction

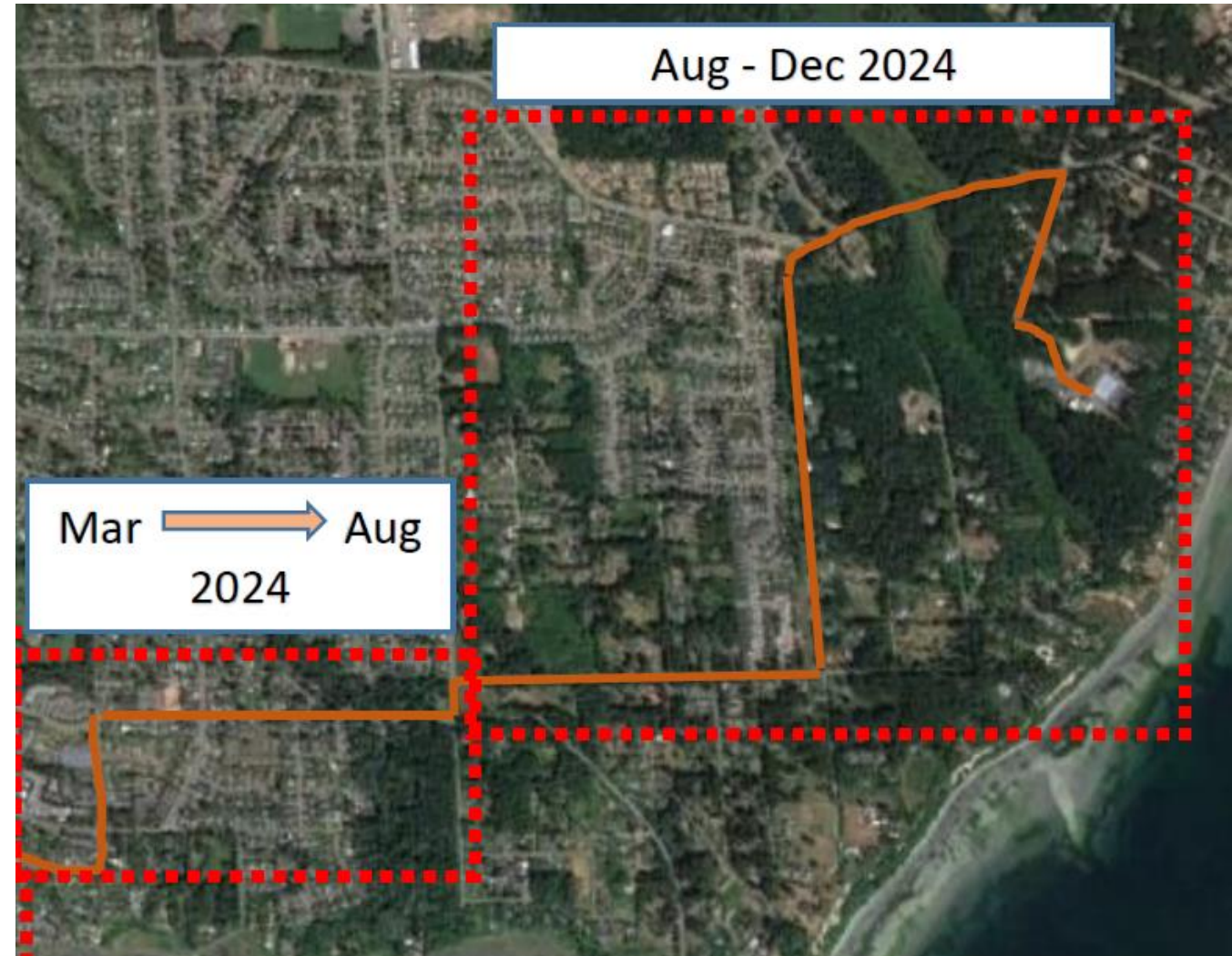
Construction Schedule

Knappett Industries = Area B construction

- Lazo Road / Brent Road: Aug-Dec 2024
- Crossing of Lazo Marsh before Fall rains

Wacor Holdings = Town of Comox construction

- Beaufort/Stewart: Spring 2024
- Balmoral/Torrence: Summer 2024






Lazo Greenway – Multi Use Path

- Project footprint in parallel with Sewer Project on Lazo between Butchers and Old Lazo Rd (east side of Lazo Marsh)
- MUP Project to be tendered in Q1 2024
- Construction timing will be similar: both in 2024 to reduce impacts to residents
- Contracts will ensure coordination between contractors

Air Management and Air Valve Kiosks

- Due to topography, air valves required along length of pipe to let air in/out of pipe during fluctuating flows
- Kiosks will be installed along entire length including along Lazo Rd
- Kiosks are still in detail design – future engagement once details known
- Strict odour requirements: increased ferrous chloride dosing at Courtenay Pump Station, stringent H₂S exhaust concentrations

Sewer Conveyance Project Timeline

	Jan 16 & 23, 2024	Public Open House – 2024 Construction Schedule & Traffic Plan
	Jan 25, 2024	Online Webinar – 2024 Construction Schedule & Traffic Plan
	Mid February	Pre-Construction Media Announcements
	March 2024	Construction begins eastside downtown, Town of Comox
	August 2024	Construction begins along Lazo Rd.
	January 2025	Construction begins along Comox Rd. Unidirectional traffic in effect
	Spring 2024	Unidirectional traffic planning (Comox Rd. and detour routes)
	June 2024	Unidirectional traffic plan – public engagement sessions
	Fall 2024	Comox Rd. Pre-construction Open Houses

QUESTIONS?

Visit:

www.engagecomoxvalley.ca/conveyanceproject



Post questions to the project team



Review project information and subscribe for updates

Contact



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Zones with enough pressure for acoustic leak detection

