

Comox Valley Sewer Conveyance Project Update – Lazo Hill Revision

Webinar for Lazo Hill Area Residents

June 26, 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.

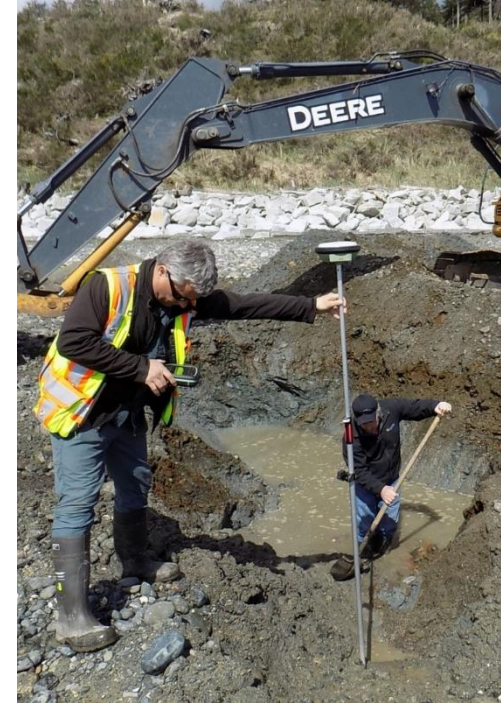
Time to Act



Exposed forcemain

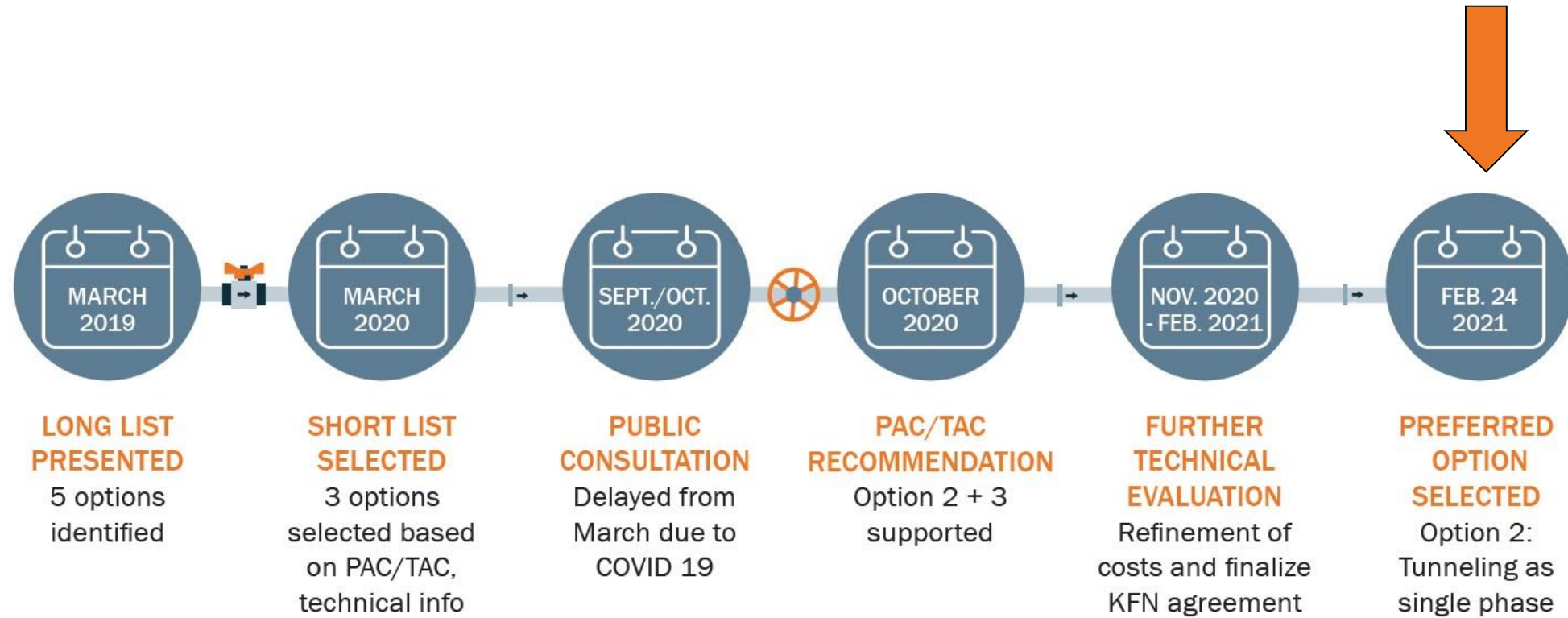


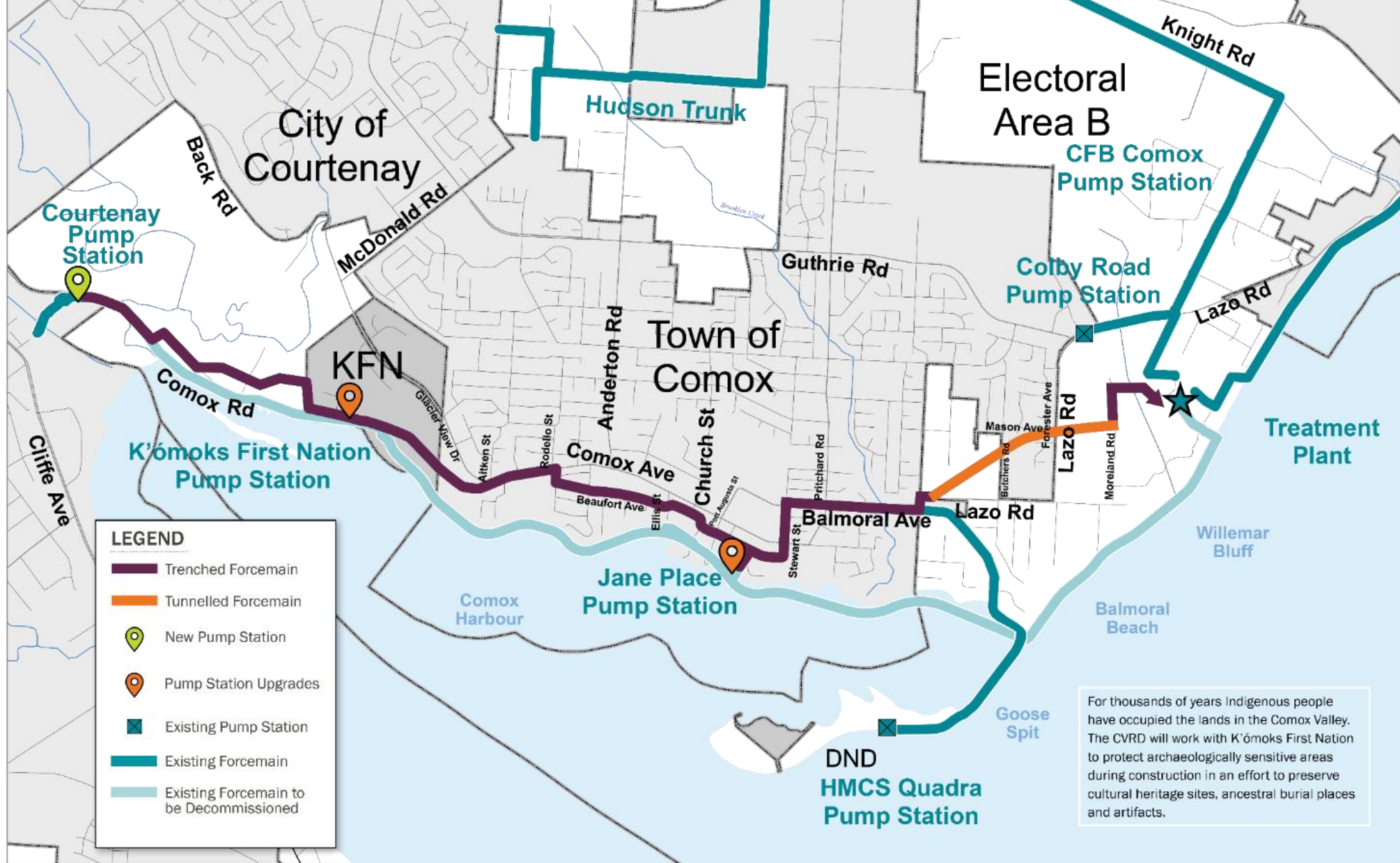
Gabion baskets



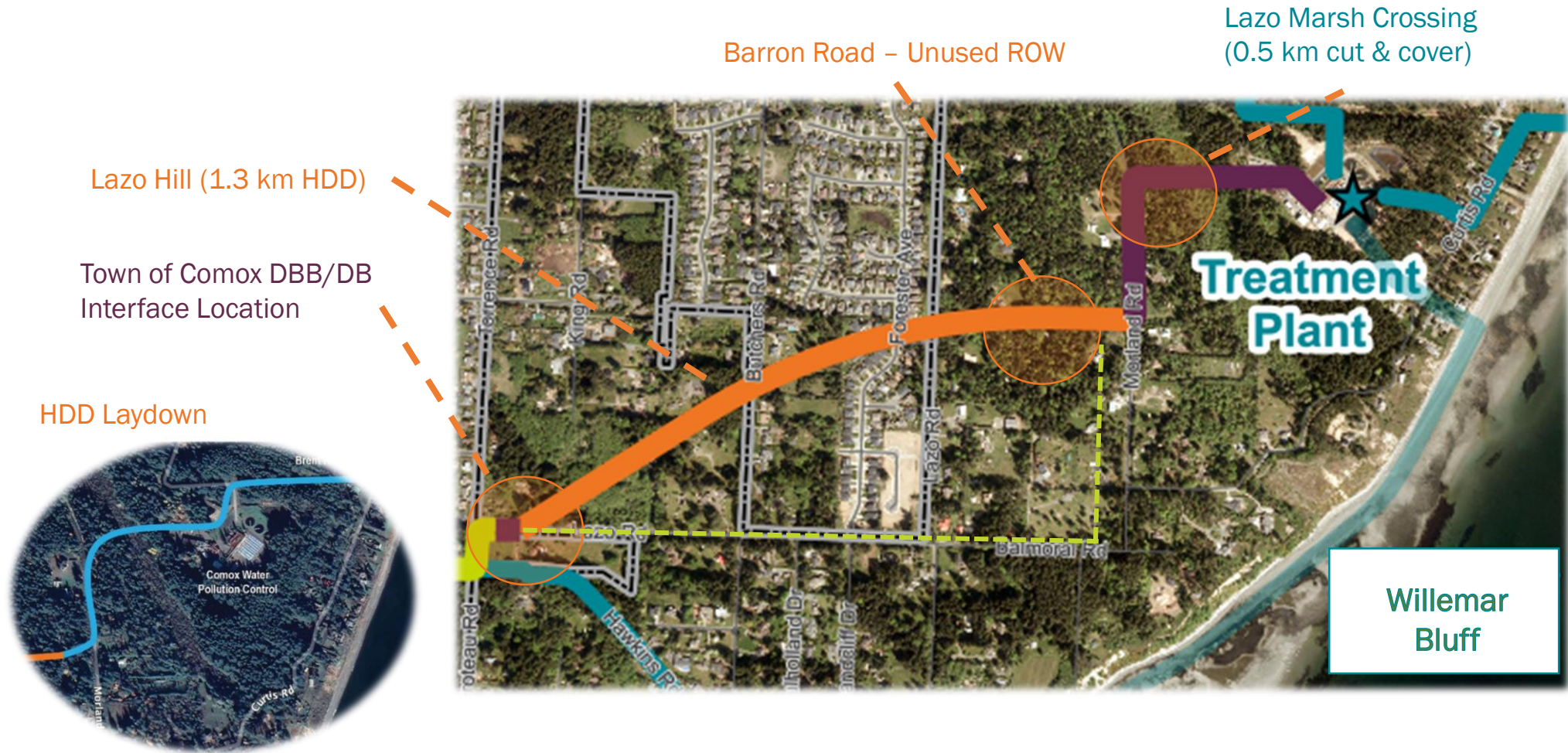
Risk/condition
assessment

Review Decision Path





Tunneled Route Details

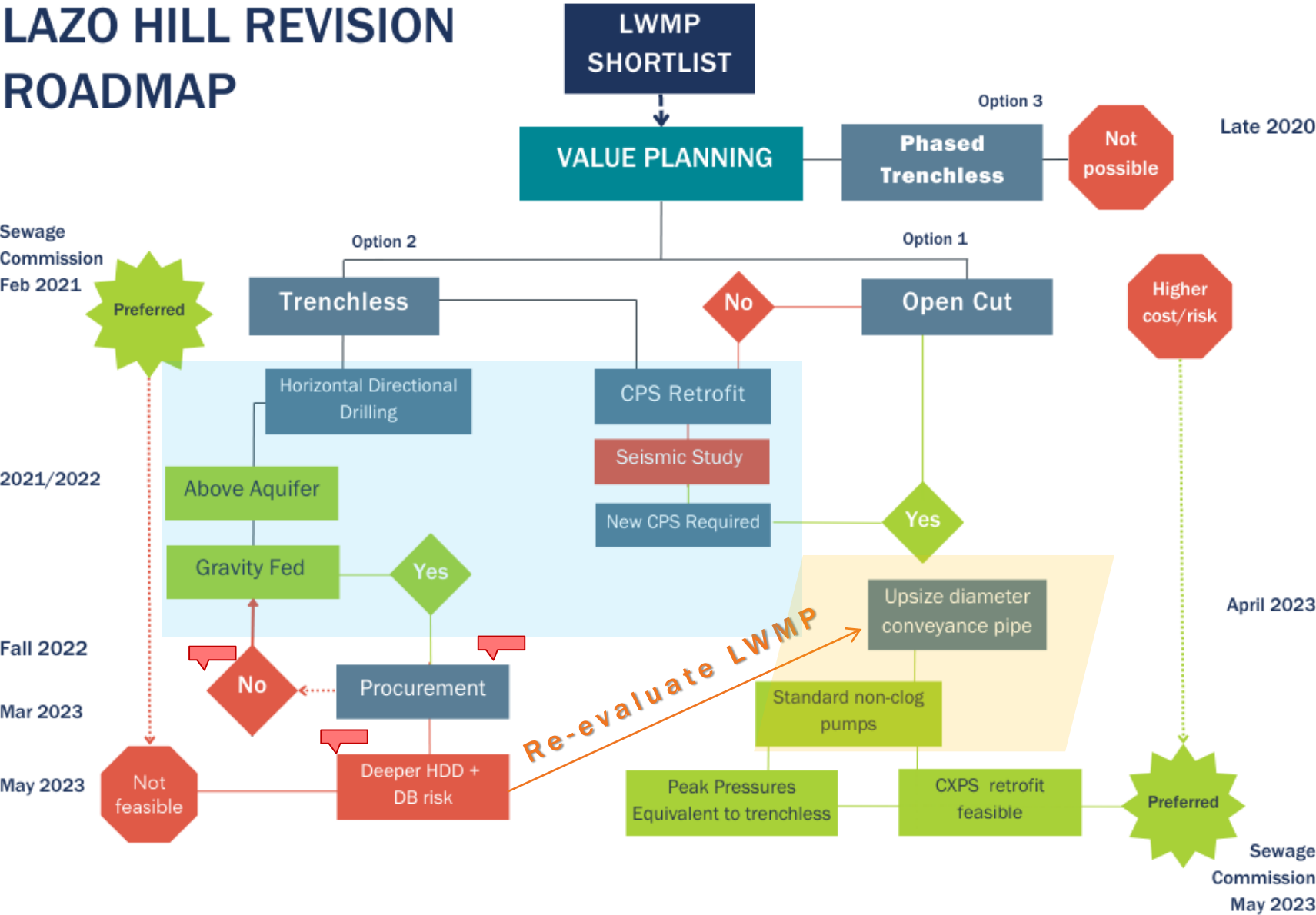


Revision to Lazo Hill Scope

Why now?

- Proponents feedback on HDD construction risk and challenges due to aquifer elevation and topography
- Progression of design & analysis including flows, system hydraulics, pumping and power requirements

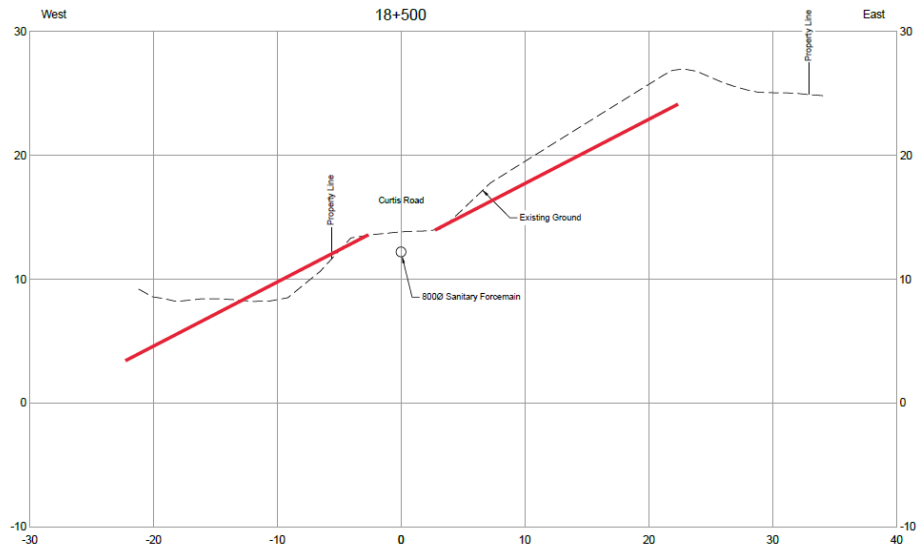
LAZO HILL REVISION ROADMAP



Recommended option: Cut and Cover

- Least costly and lowest risk project
- Need to upsize pipe to 36" – both DB and DBB
- Similar cost (+\$1m) over infrastructure lifespan
- Standard non-clog pumps at higher pressure
- Comox Pump Station retrofit viable
- Operator feedback positive
- Opportunity to avoid Lazo Marsh

Cut and Cover Alignment Options



Curtis Road Cut Slopes

- Lazo- Brent
- Morland - Marsh
- Curtis Road
- High Risk areas

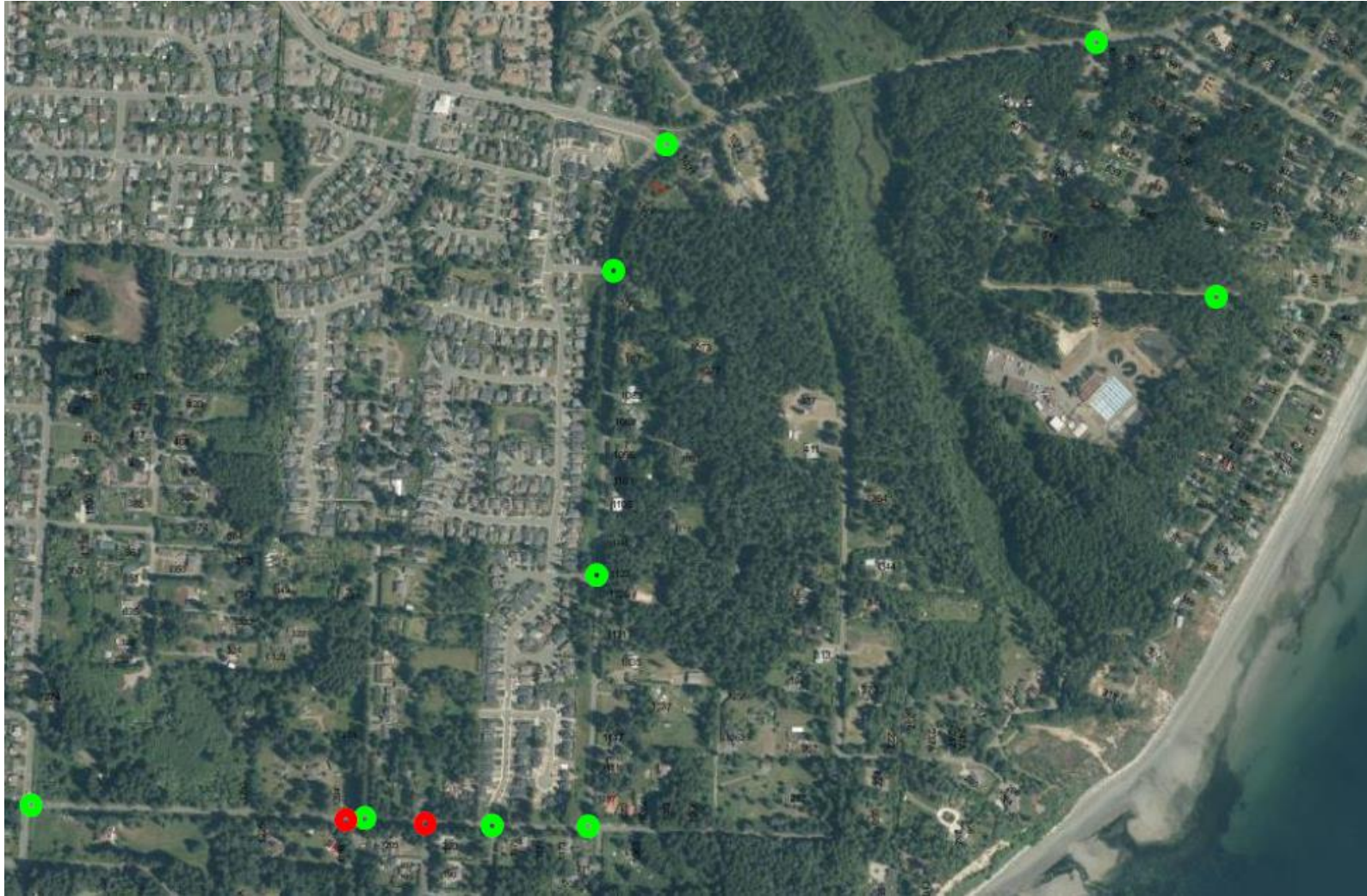
Cut and Cover Cost Comparison

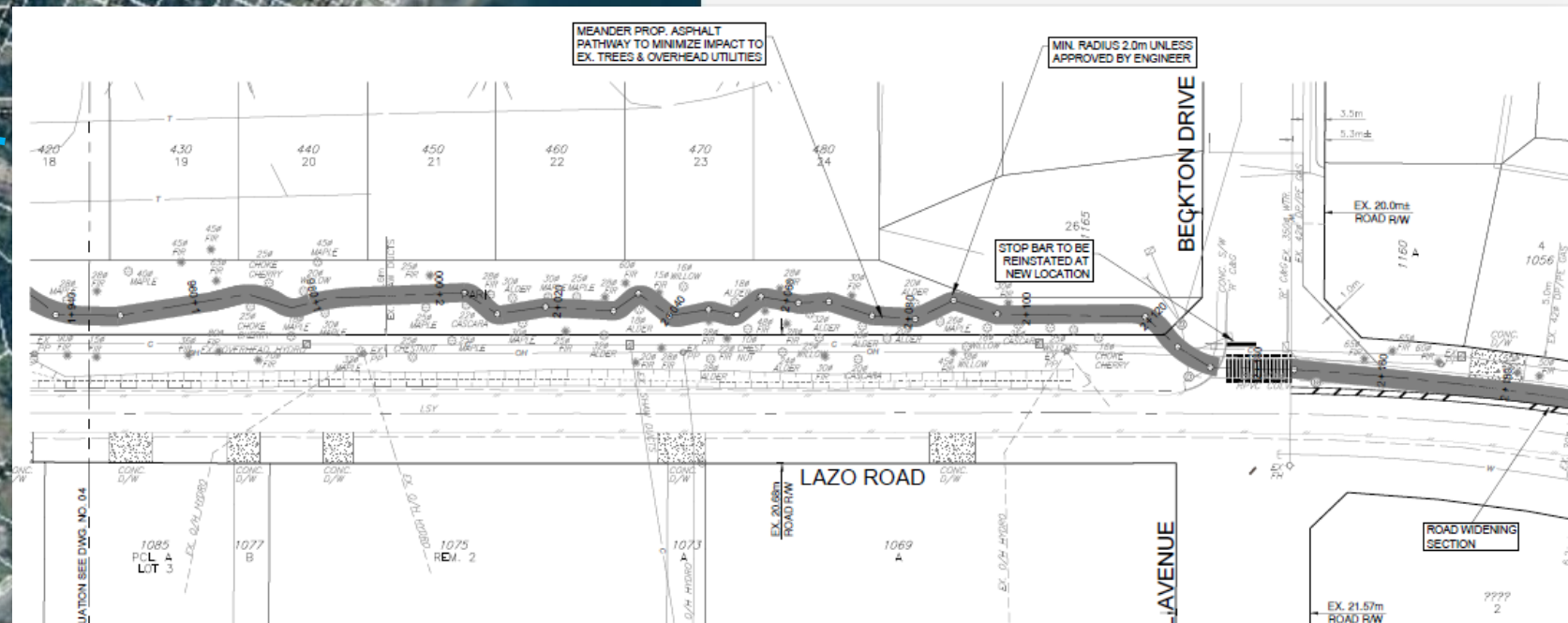
	PROJECT COST <i>(in 2024 \$)</i>
Approved Project Budget	\$ 101 M
Morland - Marsh Route	\$ 99 M
Lazo – Brent Route	\$ 103 M

Route Alignment

- Sewage Commission June 6
 - Lazo – Brent preferred
 - Morland-Marsh alternate route
- Lazo - Brent evaluation continuing
- Review and amend Groundwater Protection Policy
- DB procurement: Closes Summer 2023
- DBB (Town of Comox) procurement: Fall 2023

Traffic Strategy for Lazo - Brent





Sewer Conveyance Project Timeline



May 9	SC update – Cut and Cover
May 16	Technical and Public Advisory Committees update
Mid May	SRW negotiations terminated



June 8	Lazo area community information session
June 26 evening	2ND Lazo area community information session
Late summer / early fall	Lazo area traffic engagement session



Oct/ Nov / Dec	Sign contracts, finalize project budget
Early 2024	Public Open Houses – traffic plan, construction schedule, public approval for long term borrowing
Mar / Apr 2024	Construction begins

QUESTIONS?

Visit:

www.engagecomoxvalley.ca/conveyanceproject



Post questions to the project team



Review project information

Contact



communications@comoxvalleyrd.ca



250-334-6000