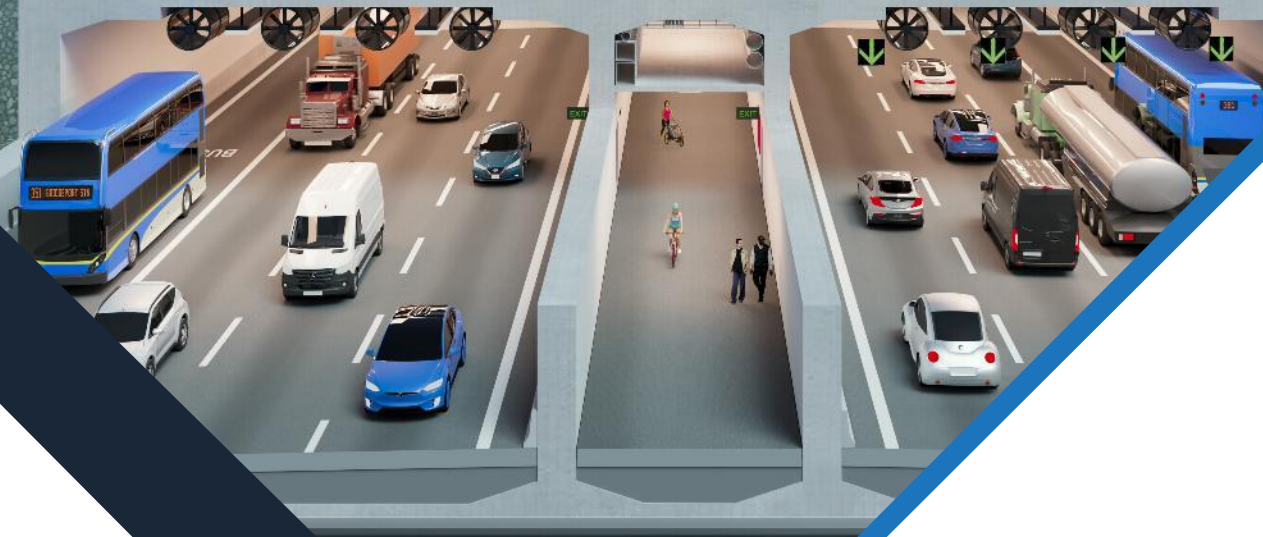




Marine Users Group

Fraser River Tunnel Project

July 16, 2026

Agenda

1. Project Update
2. Summary of June 4 Meeting
3. Vessel Simulation Results
4. Schedule and Communications for Upcoming Early Construction Works
5. 4-Week Look-Ahead

Project Update

- The Project continues moving forward to replace the aging George Massey Tunnel with a modern, toll-free, eight-lane crossing
- Significant work has been completed on early construction work, along with site investigation and tunnel design
- The Province is proceeding with a revised procurement strategy for the major construction activities
- CFP is continuing with early construction work while procurement for final construction advances

Summary of June 4 Meeting

- Provided an update regarding the proposal for an expanded casting basin
- Provided an overview of the Disposal at Sea application and volumes (800,000m³)
- Provided an overview of the two sets of additional simulations being undertaken with FRP, Seaspan Ferries, and tug and tow community (CMC) focusing on potential interactions during centerline transitions or construction activities – 5 knot STW and minimum navigational widths are being assessed
- Confirmed the submission of the Navigation Protection Plan Approval application
- Provided a fulsome overview of the Marine Construction Staging Plan (MCSP), including detailed staging drawings, for all upcoming in-river early construction works (logistics jetties, transition walls, CanFisco demolition and bay closure, and temporary trestle bridge) – no anticipated impacts in the Main Navigation Channel
- Noted the MCSP and MCP will be provided for review in July

Actions From June 4 Meeting

Action	Response
Provide information regarding Disposal at Sea dump sites and whether Delta Port has been considered	Permit application assumes that materials will be disposed at the Point Grey Disposal at Sea site. The Project Team is investigating beneficial reuse opportunities.
Confirm volumes being disposed at sea	Total excavated volume = 800,000m ³
Present vessel simulation results	Simulations completed awaiting reporting
Consider a call with VFPA and BCMTOA to review vessel simulation results and discuss tug resources	Pending presentation of simulations to MUG

Vessel Simulation Results

- **FRP simulations completed – awaiting report & recommendations**
 - 5 knot STW appears problematic due to loss of maneuverability
 - Minimum channel width of 110m requires tug assist
- **Seaspan simulations completed – awaiting reporting**
 - Seaspan Ferries can navigate within 60m width
 - Tug and Tow requires 100m width
 - No passing zones to be implemented



Fraser River Tunnel Project

Marine Users Group (MUG)

Upcoming Early Construction Works:
July 16, 2026

Schedule and Communications for Upcoming Early Construction Works



Anticipated Schedule for Upcoming Early Construction Works

Scope	Impact on Navigation Channel	Impact on Safety Zone	Requires Navigation Channel Detours	Anticipated start date
Logistic Jetties	No	Yes	No – <i>potential limited use of the north/south detours</i>	Southeast: Sept 15 to Jan 25 Northeast: Nov 1 to Feb 6
Transition Walls	No	No	No – <i>potential limited use of the north/south detours</i>	South: Nov 1 to Feb 28 North: Nov 1 to Feb 28
Canfisco Demolition and Bay Closure	No	No	No	Demo: Aug 3 to Sept 15 Bay Closure: Aug 17 to Sept 21
Deas Slough Temporary Trestle	Yes, Domestic Navigation Channel	Yes, Domestic Navigation Channel	Yes, two temporary channels proposed	Sept 14 to Feb 28

Communications for Upcoming Early Construction Works

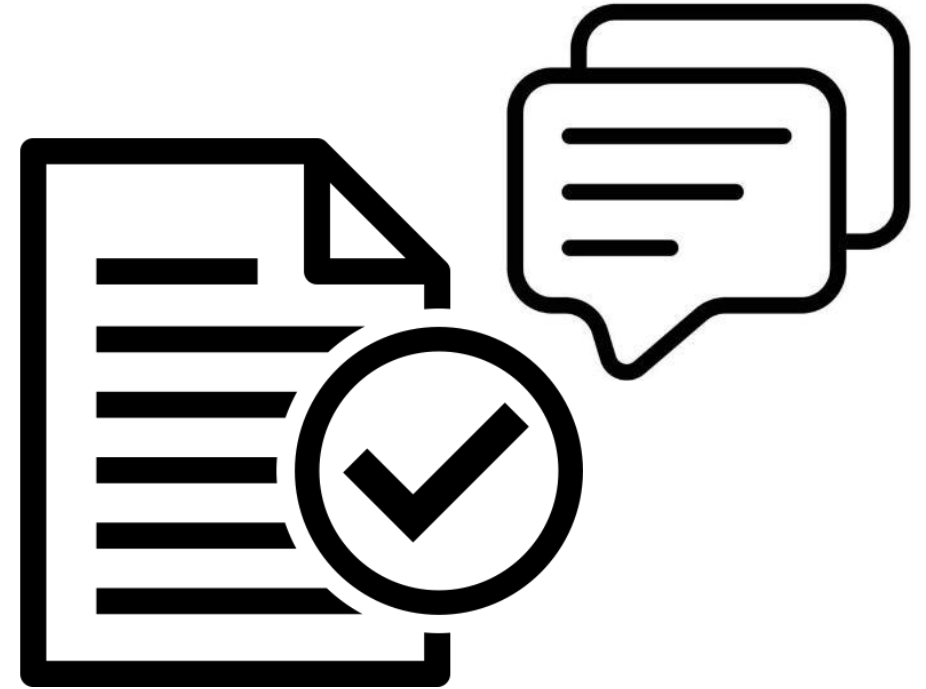
All in-river activities will be coordinated by CFP and communicated with the marine community via:

- Monthly MUG meetings
- Weekly NAVWARNS
- Daily Construction Notices



Marine Construction Staging Plan and Marine Communications Plan (MCSPMCP)

- Developed in consultation with MUG
– notified to the public on June 13
- Contacts to be provided at part of MUG and posted on the Highway99tunnel.ca website
- Marine users will be given 10 working days to review and provide comments



Marine Communication Plan

Developed in consultation with MUG:

- Based on MCP from in-river investigation from previous years
- Includes detailed procedures for communication
- Aligns with content shared today
- Incorporates comments from MUG

All in-river activities will be coordinated by CFP and communicated with the marine community via:

- Monthly MUG meetings
- Weekly NAVWARNS
- Daily Construction Notices

Schedule and Communications for Upcoming Early Construction Works

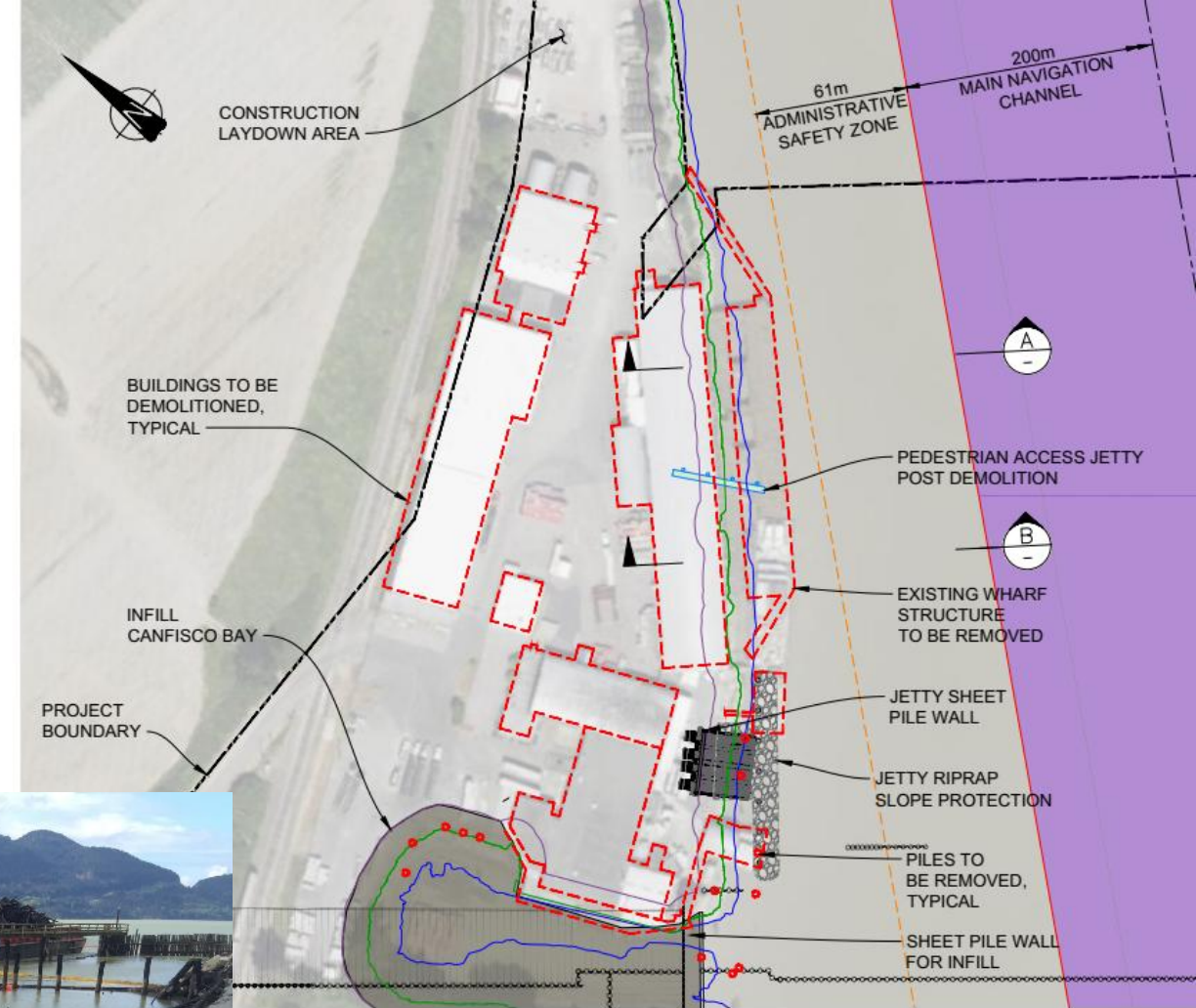


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Canfisco Demolition

Week 1: August 10, 2026

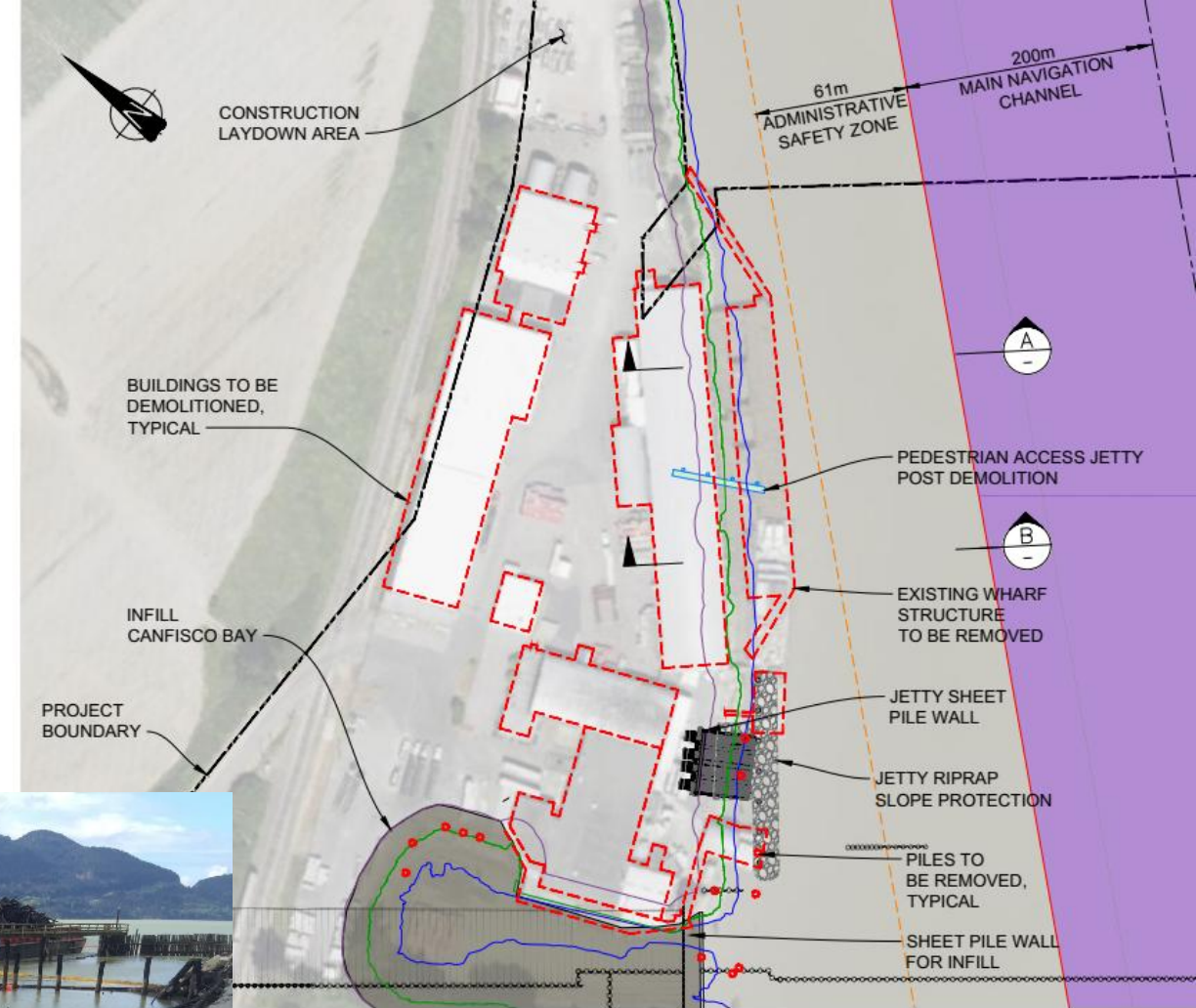
- Mobilize for removal of existing jetty structure and existing dolphin piles



Canfisco Demolition

Week 2: August 17, 2026

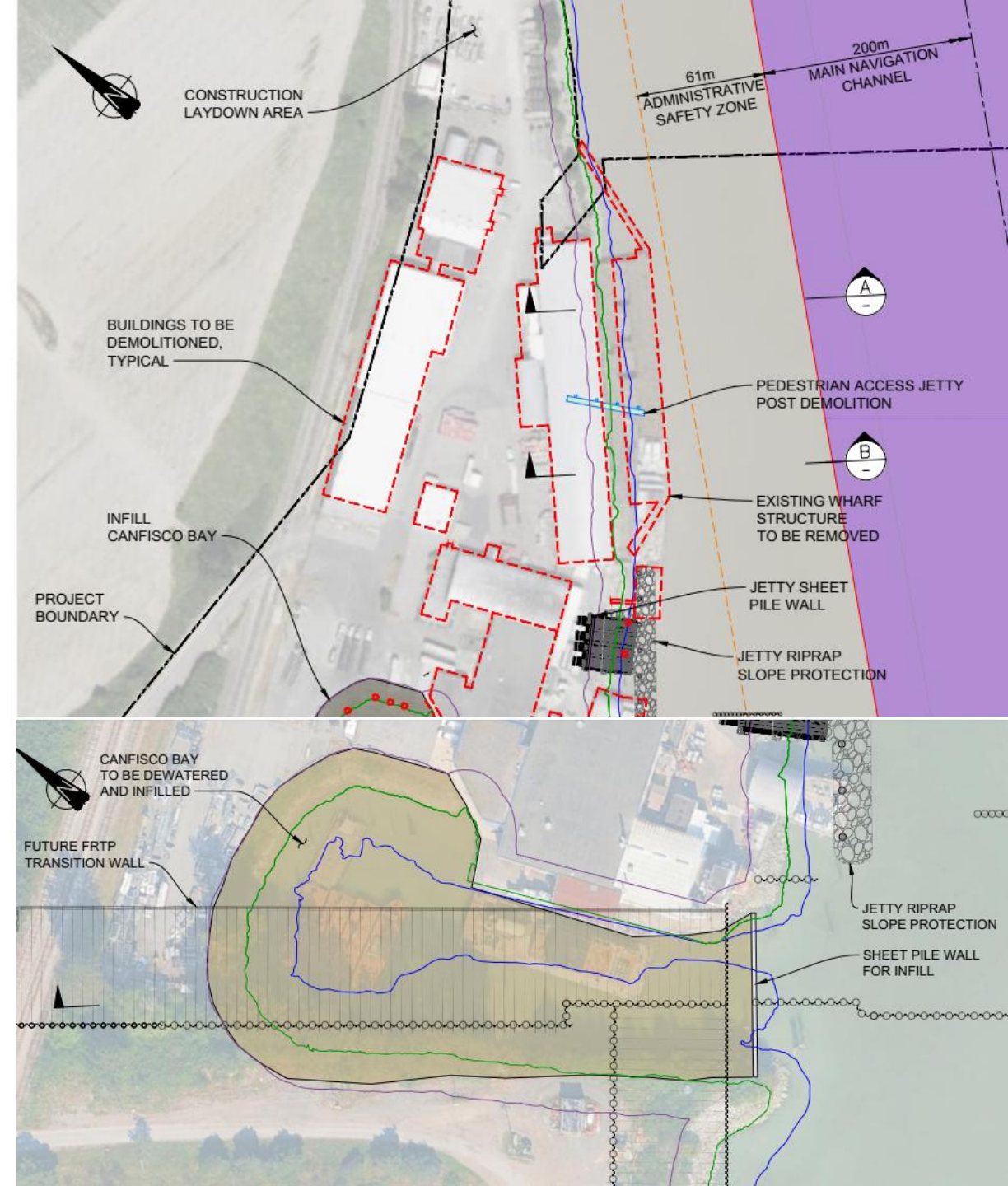
- Continue demolition of the jetty and dolphin piles



Week 3 – Canfisco Demolition & Canfisco Bay Closure

August 24, 2026

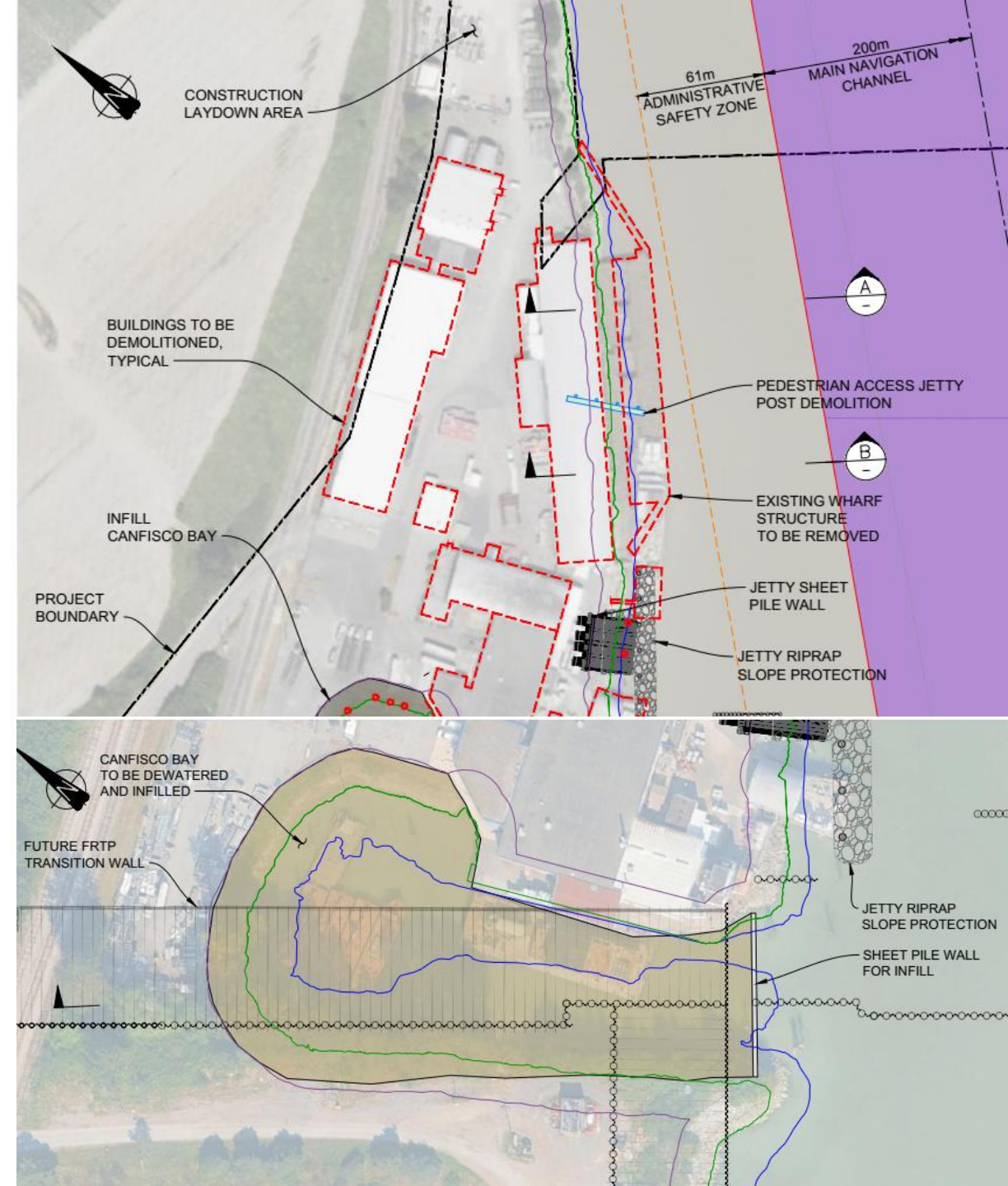
- Start demolition of existing wharf structure
- Canfisco Bay Closure: Mobilize marine contractor to begin rip-rap removal (site clearance) at retaining wall location



Week 4 – Canfisco Demolition & Canfisco Bay Closure

August 31, 2026

- Continue demolition of existing wharf structure
- Canfisco Bay Closure: Prepare piling falsework for retaining wall



Southeast Jetty (Sep 2026 – Feb 2027)

LEGEND:

	MAIN NAVIGATION CHANNEL		HHWL BUFFER
	CHANNEL SAFETY ZONE		HHWLT
	MAIN NAVIGATION CHANNEL		LLWLT
	ADMINISTRATIVE SAFETY ZONE		



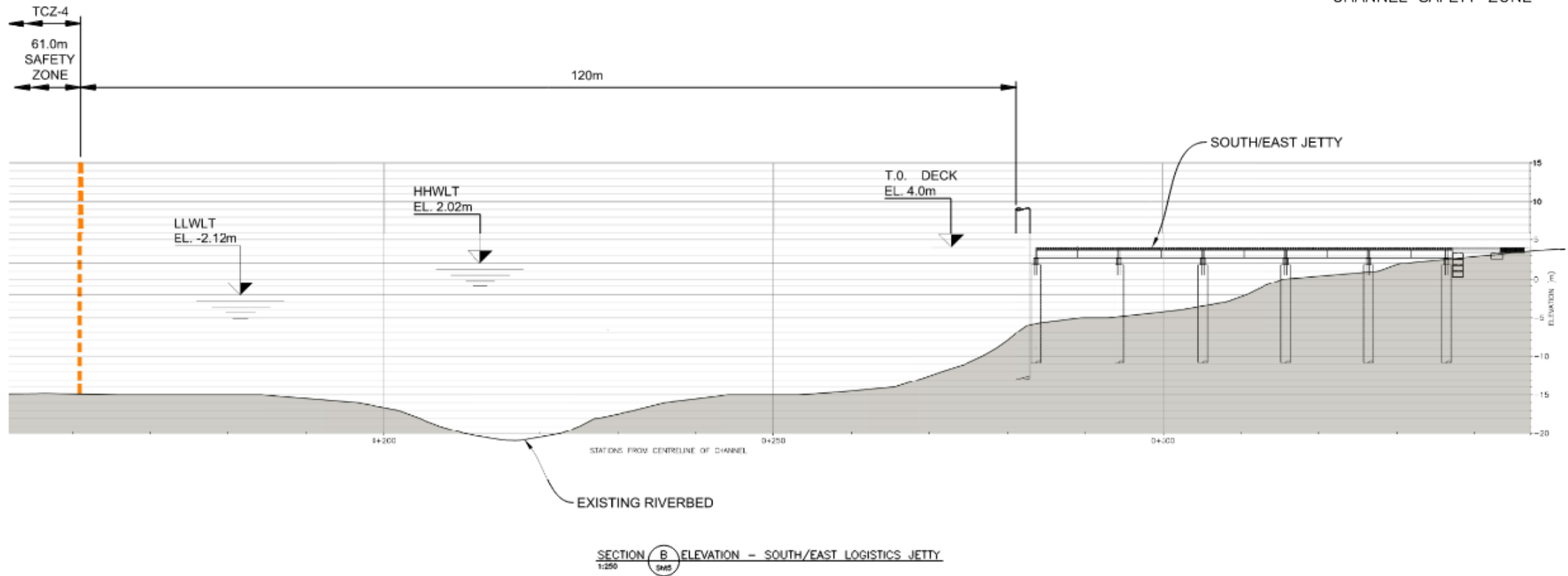
Southeast Jetty (Sep 2026 – Feb 2027)

NOTES:

1. ELEVATIONS ARE TO CGVD28 DATUM.

LEGEND:

- MAIN NAVIGATION CHANNEL
- CHANNEL SAFETY ZONE

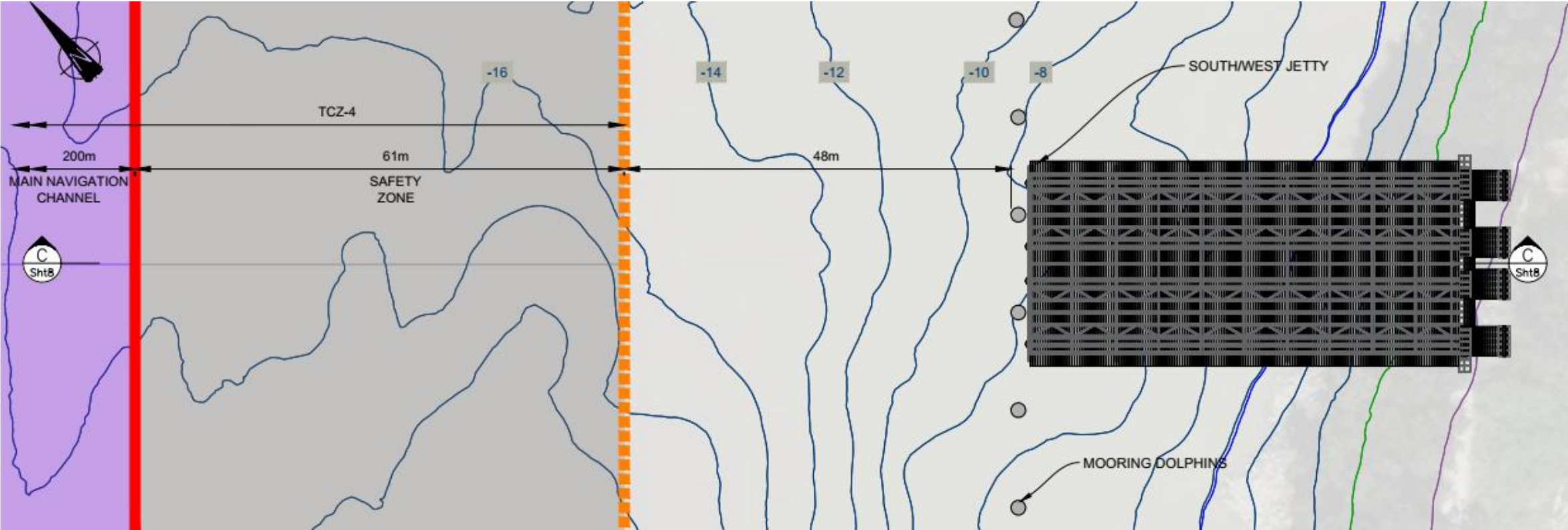


Southwest Jetty

Not in Preparatory Works

LEGEND:

- | | | | |
|---|----------------------------|---|-------------|
|  | MAIN NAVIGATION CHANNEL |  | HHWL BUFFER |
|  | CHANNEL SAFETY ZONE |  | HHWLT |
|  | MAIN NAVIGATION CHANNEL |  | LLWLT |
|  | ADMINISTRATIVE SAFETY ZONE | | |



Southwest Jetty

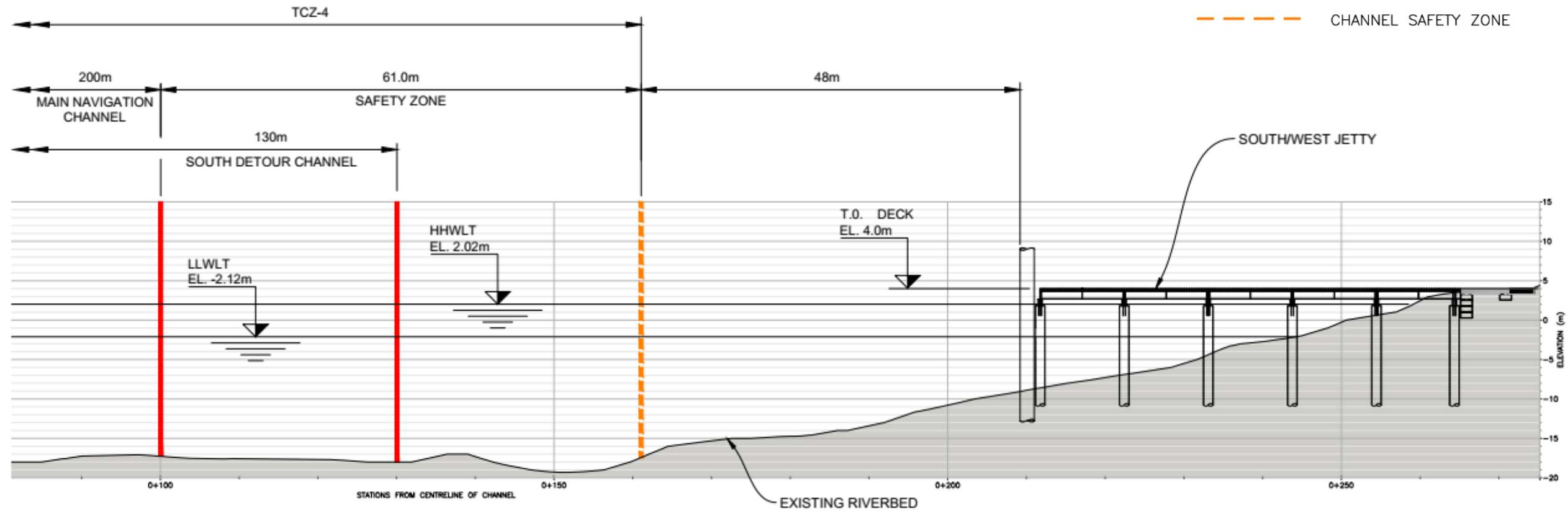
Not in Preparatory Works

NOTES:

1. ELEVATIONS ARE TO CGVD28 DATUM.

LEGEND:

- MAIN NAVIGATION CHANNEL
- - - CHANNEL SAFETY ZONE



Northeast Jetty (Nov 2026 – Feb 2027)

NOTES:

1. ELEVATIONS ARE TO CGVD28 DATUM.

LEGEND:

- MAIN NAVIGATION CHANNEL
- - - CHANNEL SAFETY ZONE



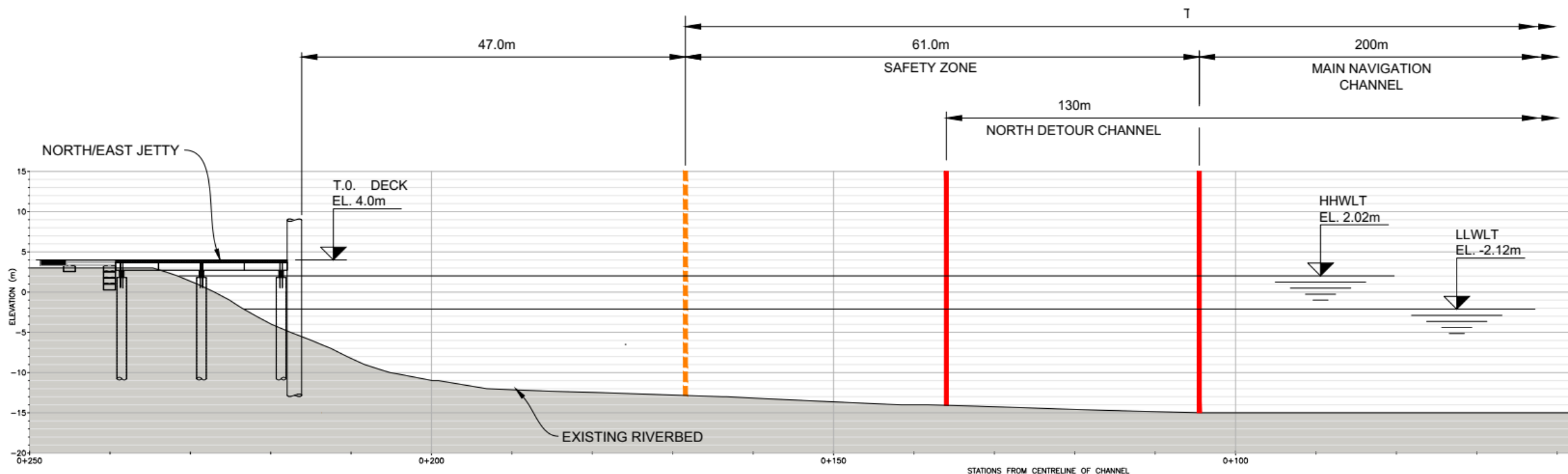
Northeast Jetty (Nov 2026 – Feb 2027)

NOTES:

1. ELEVATIONS ARE TO CGVD28 DATUM.

LEGEND:

- MAIN NAVIGATION CHANNEL
- CHANNEL SAFETY ZONE



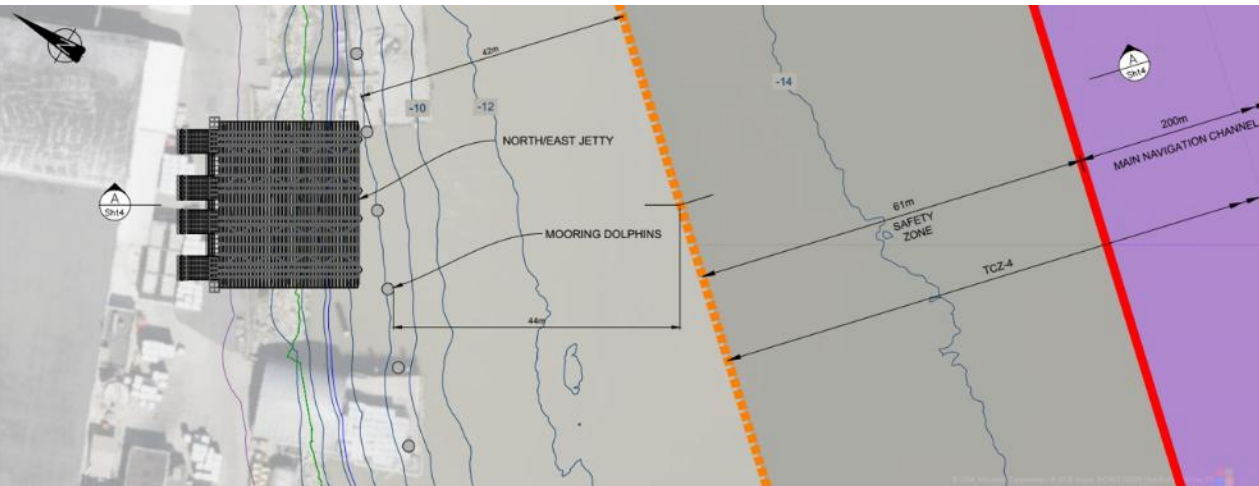
Dolphin Piles (Jan – Feb 2027)

NOTES:

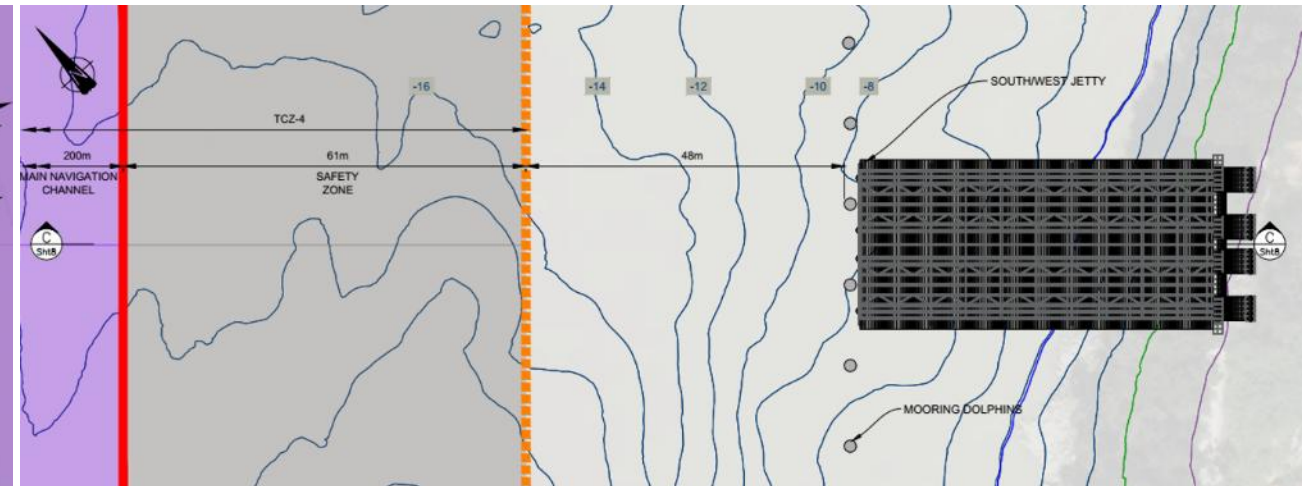
1. ELEVATIONS ARE TO CGVD28 DATUM.

LEGEND:

— MAIN NAVIGATION CHANNEL
- - - CHANNEL SAFETY ZONE



Dolphin piles at northeast jetty

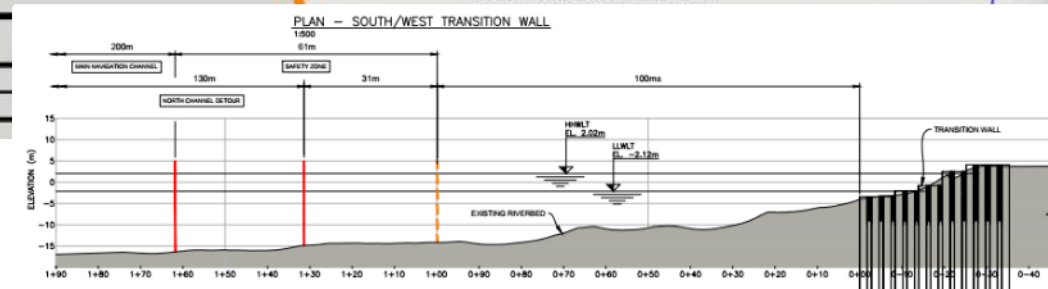
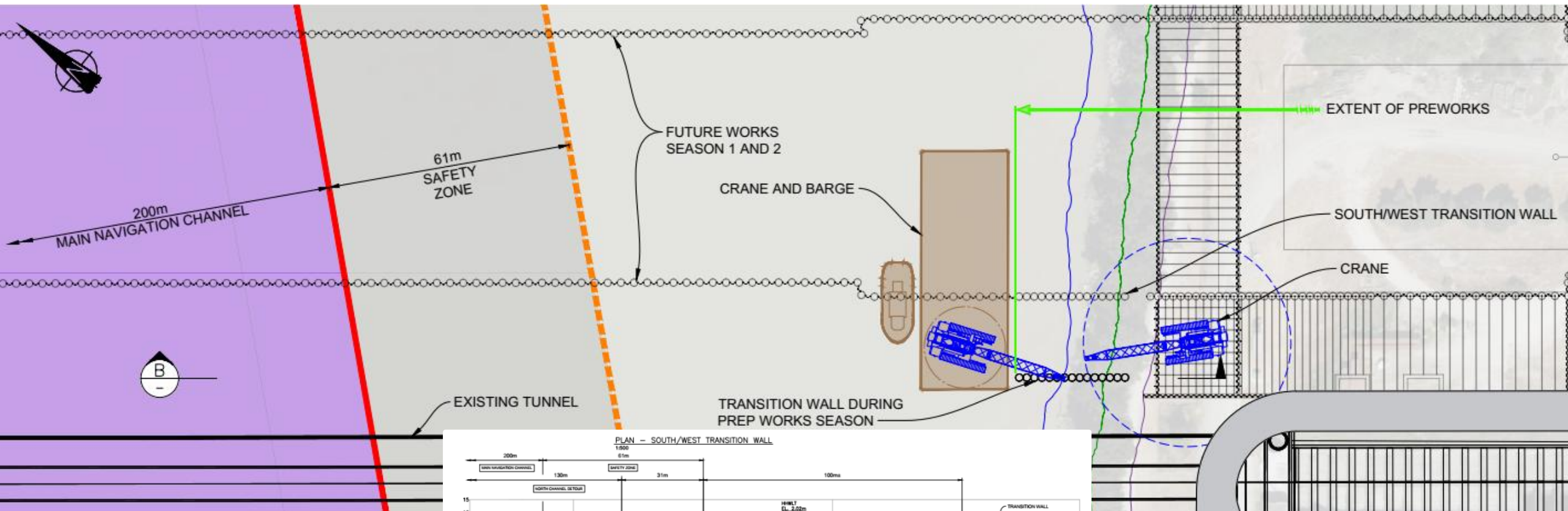


Dolphin piles at southwest jetty

South Transition Wall (Nov 2026 – Feb 2027)

LEGEND:

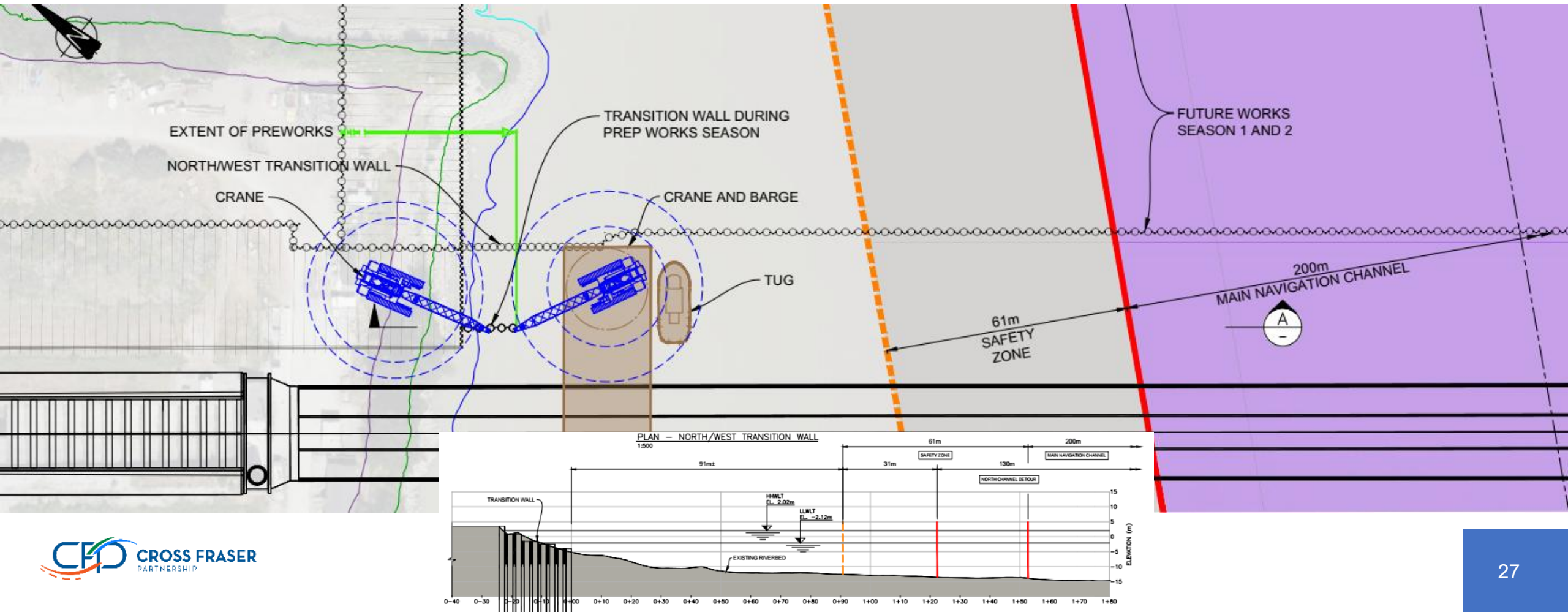
—	MAIN NAVIGATION CHANNEL	—	H/M/L BUFFER
- - -	CHANNEL SAFETY ZONE	—	H/M/LT
	MAIN NAVIGATION CHANNEL	—	LLWLT
	ADMINISTRATIVE SAFETY ZONE		



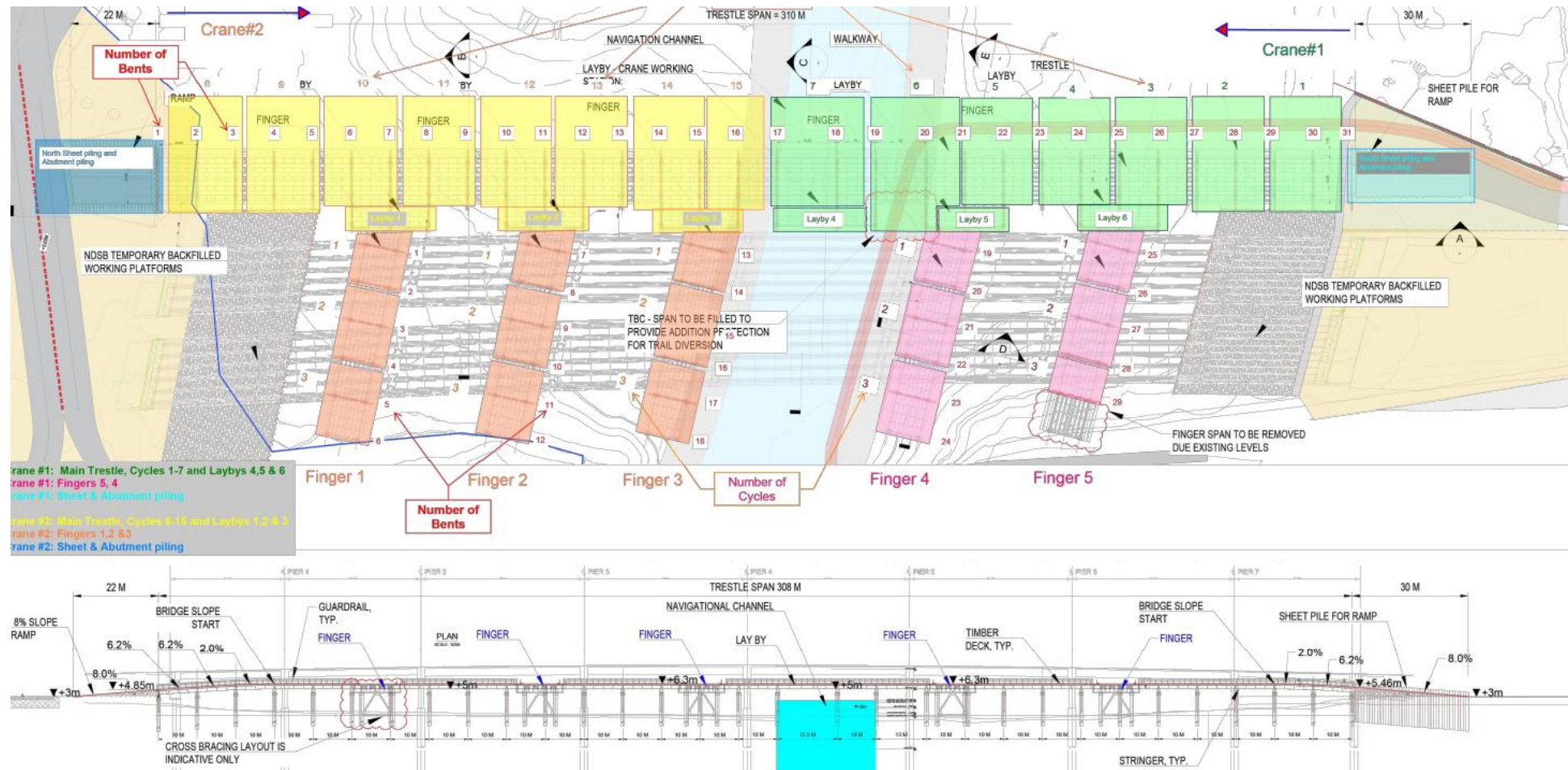
North Transition Wall (Nov 2026 – Feb 2027)

LEGEND:

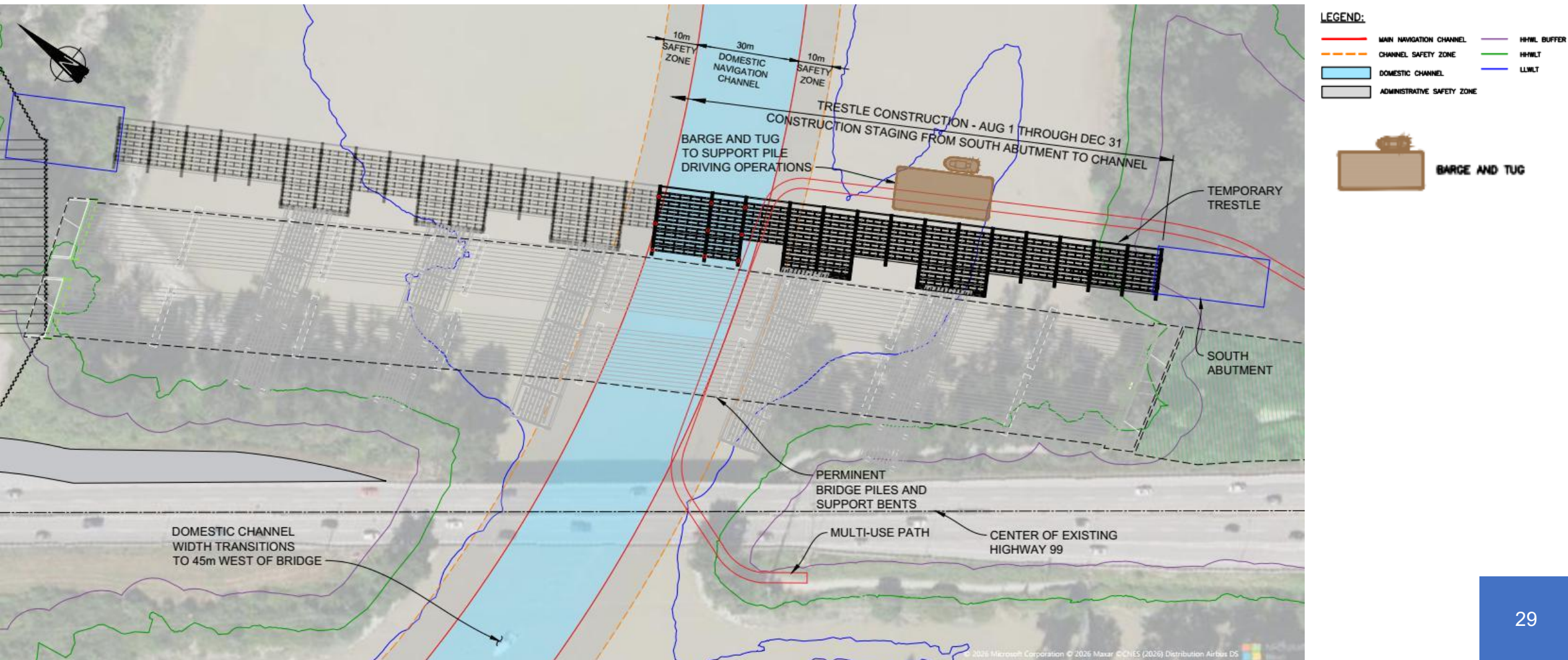
—	MAIN NAVIGATION CHANNEL	—	HHWL BUFFER
- - -	CHANNEL SAFETY ZONE	—	HHWL
	MAIN NAVIGATION CHANNEL	—	LLWL
	ADMINISTRATIVE SAFETY ZONE		



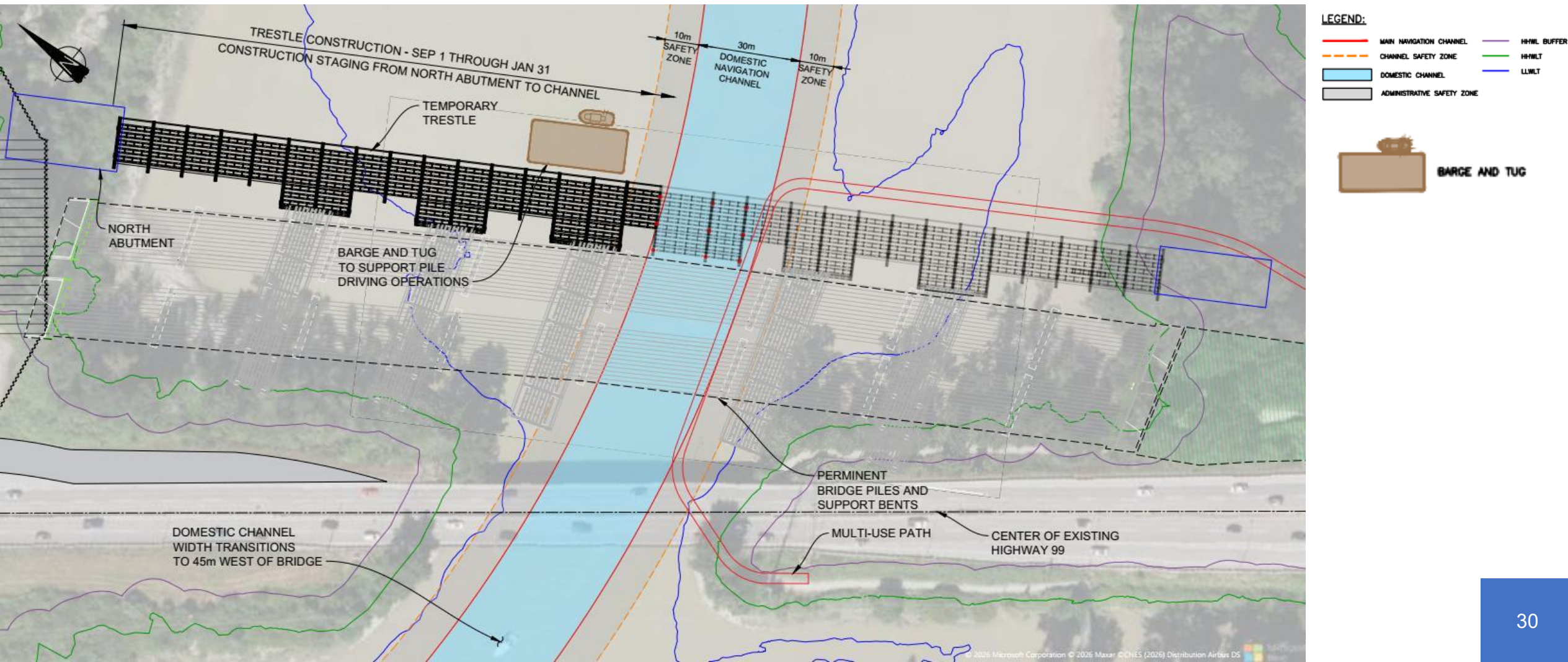
Deas Slough Trestle (Sept 2026 – Feb 2027)



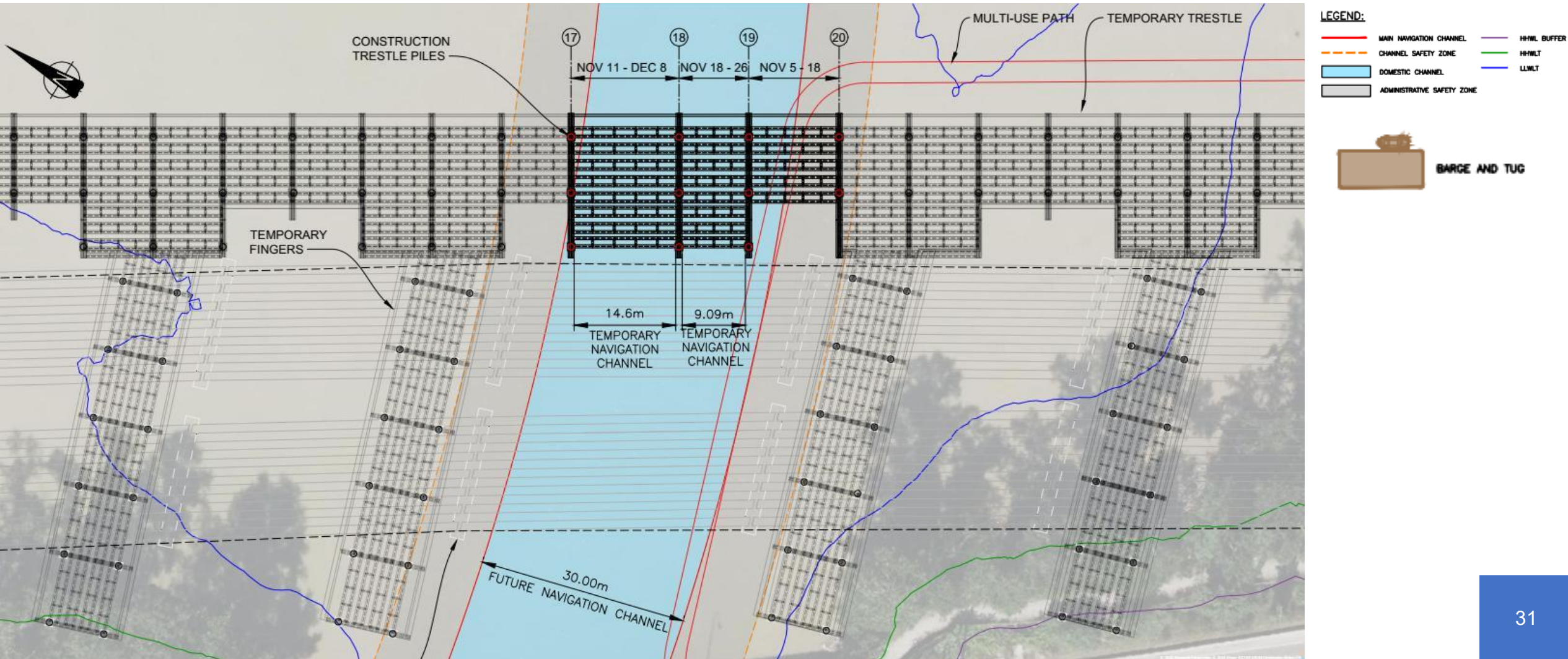
Deas Slough Trestle: South Abutment Pilings (Starting Sept 2026)



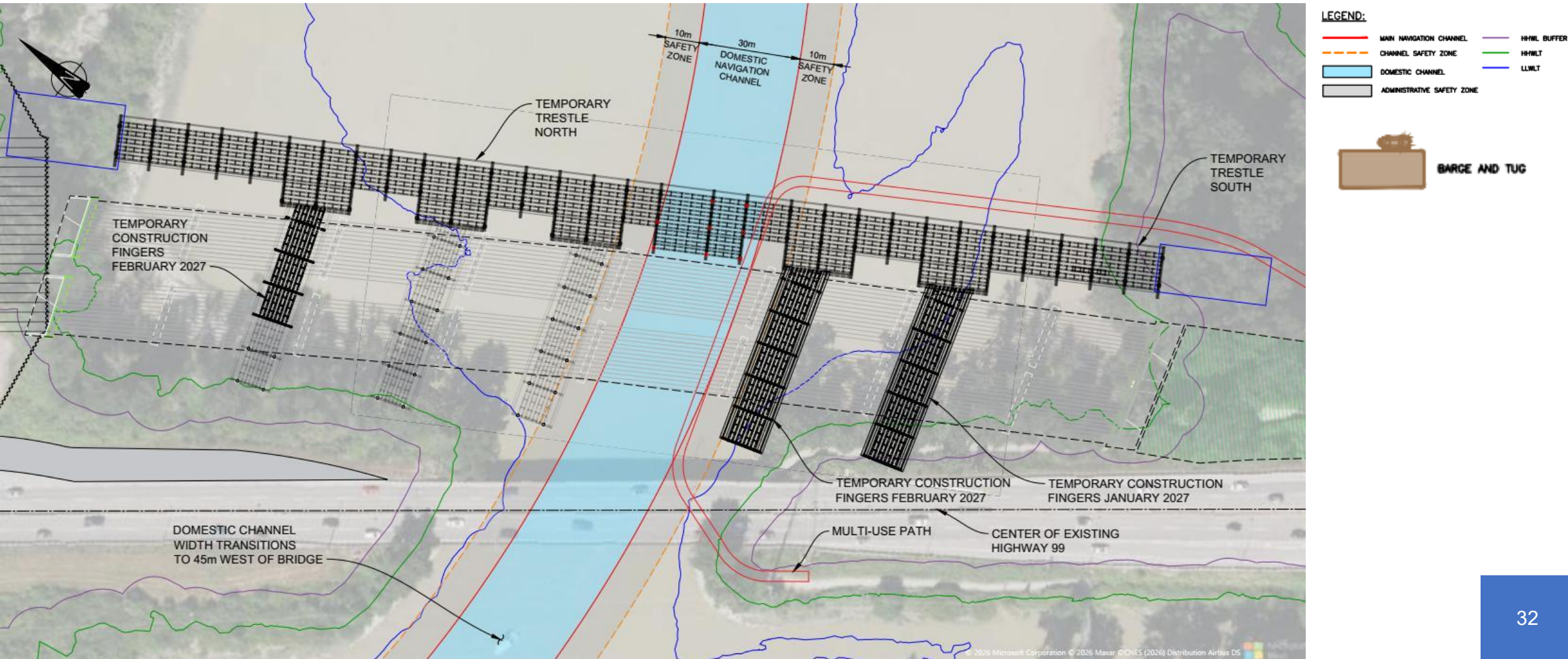
Deas Slough Trestle: North Abutment Pilings (Starting Oct 2026)



Deas Slough Trestle: Construction via Nav Channel (early 2027)



Deas Slough Trestle: Fingers 4 & 5 & Bents (early 2027)



Next Steps



Next Steps

- Monthly MUG meetings will continue to provide updates regarding Early Construction Works, including 4-week lookaheads
- Weekly NAVWARNs and Daily Navigation Notices will be provided as in-river activities continue
- **Next meeting:** Mid-August (CFP to provide meeting materials and July 16 minutes in advance)