

Weekly Construction Update

To:	City of Merritt	Report Date:	March 15, 2024
Project:	Middlesboro Bridge Replacement – Phase 1 Demolition	Site Manager:	Ryan Buick – Site Superintendent
Location:	Middlesboro Bridge, North bank	Workforce:	6

Project Overview

Phase 1 of the Middlesboro Bridge Replacement includes the removal of the remains of the previous bridge and abutments. With the Archaeology, DFO, and WLRS approvals in place, a temporary river diversion will be placed to allow for the removal of the bridge deck and abutments. The roadway leading up to the previous bridge will be removed, and new soil and gravel will be stockpiled where the asphalt is removed as a preload to consolidate the ground prior to the construction phase of the new bridge. This project is anticipated to run until the end of March.

1. Environmental Update

- 1.1 This Week – Environmental work consisted of the removal of the northwest tree over hanging the river situated beside the old bridge abutment. A sling was attached to the tree and pulled upward from atop the bank to avoid potential impacts to the river. The environmental monitor was present for the removal monitoring turbidity levels in the waterway during this activity. No exceedances of turbidity outside of guidelines were seen. No nesting activity observed by the environmental monitor prior to removal. This activity took place on March 9th and was the extent of this week's environmental related works.
- 1.2 Next Week – No in-stream or environmental related work planned.

2. Heritage Update

- 2.1 This Week – One Cultural Monitors onsite this week. No discoveries we made, 0 chance finds and nothing of archeological significance
- 2.2 Next Week – No Cultural Monitors anticipated to be onsite.

3. Construction Update

- 3.1 This Week – Tree removal on northwest bank. Demolished remainder of the north bridge abutment. Material mobilized to processing area. Survey completed for preload layout and placement of preload gauges. Preload gauges assembled and installed at laid out survey points. Material processing was the majority of this week's on-site work. Rebar separated from concrete, loaded into waste bins, and sent to recycling depot. Concrete crushed down to appropriate size and stockpiled for future project use. Processing work completed March 13th. Final waste bin of rebar recycling picked up March 14th.
- 3.2 Next Week – Hauling and placement of preload material on north approach. Legal land survey for LOO application.

4. Schedule Update

This Week – Work was progressing ahead of schedule. All demolition and processing have been completed as of March 13th. Site operations suspended as of March 14th until receipt of the required fortis permit allowing for placement of preload material atop the decommission gas line on the north end of site.

Upcoming Milestones – Upon receipt of the required fortis permit, hauling and placement of preload anticipated to take place March 18th – 22nd. Legal land survey being conducted March 19th-20th for LOO Application process.

5. Project Photos



Figure 1 – Removal of northwest tree which overhung the river



Figure 2 – Survey, layout and install preload gauges



Figure 3 – Demolition of remainder of north abutment



Figure 4 – Processing demolition materials, spreading rebar from concrete

- Distribution: Site Manager
 Design Team
 Client
 File