

CWRP WEEKLY CONSTRUCTION PROGRESS REPORT

Week ending April 13, 2013

RIVER DIVERSION SEGMENT

This week on the River Diversion, Ducworks continued their work on the steel piping layout for the screen cleaner and also placed the remainder of the structural steel beams.

Spindler was also on site this week grouting underneath the base of the fish screen bracket and finishing grouting other small areas.

Next week Duckworks and Whitaker will continue working together to complete the work on the steel piping, screens, and baffles.

CANYON SEGMENT

This week in the canyon, Whitaker placed the last piece of pre-cast box culvert and prepared the area for the closure pour. The closure pour is a 9 foot cast-in-place section of culvert that will mark the total completion of the box culvert in the canyon segment and complete continuity from the River Diversion to 400 N on the Logan Northern segment. Once the last culvert was placed and aligned, Whitaker’s crew began backfilling a portion of the pre-cast culvert.



View behind the baffles and screens in the river diversion



Closure Pour Location

Spindler had crews inside the cast-in-place segments of the box this week performing finish work including clean up, grouting tie holes, and placing Sika-Flex sealant on expansion joints.

Whitaker was also inside the box culvert and focused their attention on the finish work and sealing of the pre-cast box culvert.

Next week Spindler and Whitaker will have crews working inside the box preparing it for final inspection. Spindler will form up and place the floor, wall, and roof sections of the closure pour. A pre-water walk through the interior of the box will also occur.



Pre-Cast Box Culvert Backfill

LOGAN NORTHERN SEGMENT

Work on the Logan and Northern segment progressed this week with the installation of turnouts. All turnouts are now completed North of 800 N and a few south of 800 N have also been installed. As crews progress through the job they are finding that each turnout has a unique plumbing layout and coordination between the project representative and the contractor is needed most turnouts. Crews are working hard to complete the turnouts in time for the water start up at the first part of May.



Turnout near 800 N and 600 E

Next week crews will continue to install turnouts as they work south down the canal.

VALLEY SEGMENT

This week on the valley segment, Whitaker was able to install the remainder of the turnouts along the new main line including work on the USU 18 inch turnout and the Logan Golf and Country Club 12 inch turnout. Some minor work on the user's side still needs to be performed, but connection to the mainline has been accomplished.

A second crew, worked on the Logan City 4 inch water line near 1220 N. Crews placed a meter vault and back flow preventer assembly with corresponding valves and piping. Toward the end of the week, the line was connected onto the Logan City culinary line. Thrust blocks were placed at bend locations and the line was then backfilled.

Next week Whitaker will continue to work on plumbing items to ready the system for operation. A thorough cleaning of the 66 inch pipe will also occur to prepare for a pre-water walk through.



Logan City 4 inch meter and back flow preventer near 1220 N



USU turnout Installation

Whitaker worked on the placing the box culvert bridge with corresponding wing walls this week.

Next week, Whitaker plans to install power conduit for the pressure reducing structure and continue clean up. With weather permitting, Spindler will complete the concrete pours on the pressure reducing structure.

1500 NORTH SEGMENT

This week on 1500 N Spindler was able to install the roof hatches on the Diversion structure. Rebar was inspected, and coordination with Whitaker to verify elevations was performed before concrete placement.



Hatch placement on 1500 N diversion structure



Box culvert bridge placement at the bottom of 1500 N

LAUB SEGMENT

Whitaker's crew on the Laub segment this week finished the remaining turnouts along the alignment of the canal. Crews also continued the grading work on top of the canal channel between Canyon Rd. and the USU Ropes Course Road.

Next week some railing will be installed along the openings of the diversion structure and water will be turned into the pipe. Water should be available to water users via the new system by the end of next week.