



## CWRP WEEKLY CONSTRUCTION PROGRESS REPORT

Week ending March 23, 2013

### RIVER DIVERSION SEGMENT

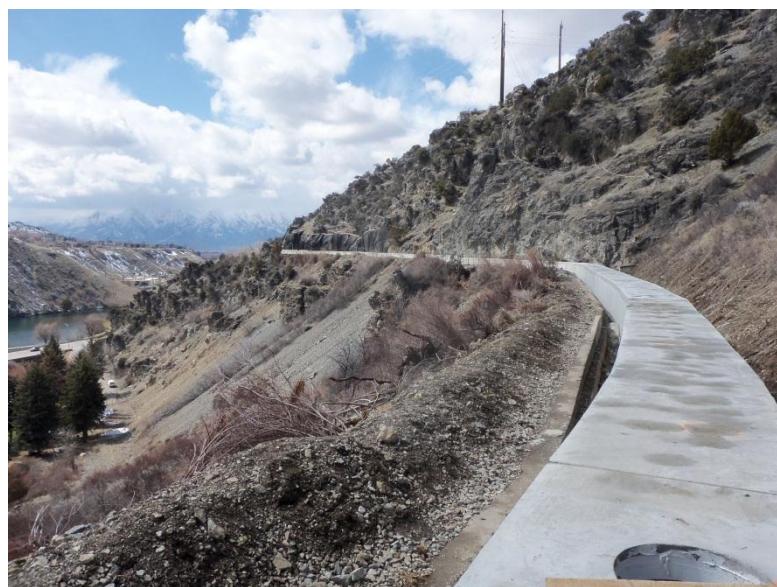
Crews were able to work Saturday and place the steel columns that hold the fish screen. This was the initial placement of the columns, as modifications and field fitting will occur through next week. The fish screens arrived on site this week and are ready to install.

Whitaker Construction continued basic clean up around the structure this week and prepared for the structural steel placement. Once everything is installed, Whitaker will be able to finish the work on the gravity block wall and drain. The electrical sub-contractor, Freedom Electric, was also on site this week and worked on panel boxes and electrical layout.

Next week Whitaker and Duc Works will work on installing the structural steel. Freedom Electric will also be on the job intermittently to continue work on the electrical layout.



Swinging steel column into place



Completed box looking downstream

—Rebar in place for 119 foot span section floor

### CANYON SEGMENT

Three concrete box culvert pours were placed this week on the canyon segment. Approximately 160 linear feet of box was completed, including the closing pour into the transition section of precast section box at station 63+40. This location represents the upstream end of the west portion of the cast-in-place culvert. This area is now ready for placement of pre-cast box culvert.

Spindler also has had crews return to portions of the completed box to perform finish work including clean up and grouting tie holes.

Whitaker also had a small crew install the waste gate at the mouth of Logan Canyon. This gate will act as an emergency spillway, or if the canal company decides to drain the box culvert.

Next week Whitaker will begin installing the pre-cast box culvert beginning at the downstream end of the middle pre-cast section. Spindler will continue work on the last sections of cast-in-place box culvert next week.



**4 inch turnout construction**

the LDS church near 800 East. Plumbing went well and the turnout should be completed at the first of next week including connection into the existing LDS church irrigation system.

Next week crews will focus all attention on plumbing the turnouts. Work will begin at the North end of the segment and proceed south.

#### **LOGAN NORTHERN SEGMENT**

HD supply finished the fusing of the tees and connections onto the mainline pipe early in the week. Once this was completed, Whitaker began installation of the air vac and blow off assemblies. Crews began on the north end of the segment and worked their way south. By the end of the week, all air vac and blow off assemblies were installed including concrete on the bottom of the blow off tees.

Toward the end of the week, crews began work on plumbing a turnout. This was the turnout for



**Blow off assembly**

## VALLEY SEGMENT

This week on the Valley Segment, Whitaker continued placing 66 inch RCP pipe through the golf course section of the Segment. Crews were able to install 428 feet of pipe.

In the middle of the week, the mainline crew reached the crossing of the 24 inch ductile iron Logan City water line. This line needed to be lowered to accommodate the passage of the new 66 inch RCP. A prefabricated pipe loop was installed into the line and crews successfully installed 66 inch RCP over the top. This is the last utility line to be lowered on this segment.



**Lowering of 24 inch ductile iron Logan City water line**

A second crew installed 6 turnouts in-between Cedar Heights Drive and 1220 North off of the 21 inch PVC distribution line. Turnouts ranged from 2 inch to 6 inch. Crews worked closely with the project team to assure the turnouts were being placed at the correct location and plumbed into the correct existing pipes. Toward the end of the week, crews finished the turnout installation in this area and



**4 inch turnout installation**

mobilized into the golf course. Once in the Golf course crews began again to install the 21 inch PVC distribution line and 4 inch Logan City water line.

Next week the mainline crew will continue 66 inch RCP pipe installation with the goal of finishing pipe installation early on in the week. The Utility crew will continue work on the distribution and Logan City lines.

## 1500 NORTH SEGMENT

This week on the 1500 N Segment work continued on the lower portion of the Segment. Steel pipe continues to be installed as crews make their way toward the canal crossing. Crews were able to install the mag meter this week along with other necessary flanges and fittings. Toward the end of the week crews placed the steel pipe piece that tee's off toward the pressure reducing station. Modifications to this piece had to be made in the field in order to fit the actual layout, but these modifications were performed late in the week and all the pipe was welded together.

Spindler Construction was also on this segment this week preparing the suspended slab on the pressure reducing station. False work was placed and readied for rebar placement early next week.



**Steel pipe running to pressure reducing station**



**Meter Installation**

Next week the contractor will continue steel pipe installation in hope of making it across the canal and connecting onto the Logan Northern segment by the end of the week. Rebar will be placed for the suspended slab of the pressure reducing structure and concrete will be placed.

## LAUB SEGMENT

This week on the Laub segment, crews continued to work on the installation of turnouts. An additional service for Utah State University was added into the project. Crews were able to fuse on an additional tee and plumb in the service. Crews were also able to perform some prep work on the Laub diversion structure in preparation for the concrete pad, panel, and screen installation.

Next week, crews will continue placing turnouts heading to the east. Turnouts should be completed by the end of the week. An air test will also occur on the mainline pipe.