

CWRP WEEKLY CONSTRUCTION PROGRESS REPORT

Week ending February 16, 2013

RIVER DIVERSION SEGMENT



Completed walls at the diversion structure

At the beginning of the week, the last concrete placement required to complete the floor/footing of the diversion structure was completed. Work also commenced on the block retaining wall downstream of the structure. This wall will extend from the river bed to the top of bank to protect the northern slope of the river bank.

Next week there are three concrete pours scheduled at the river diversion including the lid at the transition structure which connects the precast culvert and the existing culvert running under Highway 89.



Preparing for a concrete pour under the tent

CANYON SEGMENT

Progress on the canyon segment continues. Work is difficult due to freezing temperatures and frozen ground, but despite the weather crews were able to install 45 linear feet of lid, 60 linear feet of wall and 90 linear feet of floor/footer.

This week the transition structure was placed near the mouth of the canyon which will transition the pipe alignment from box culvert to 66 inch RCP pipe. The contractor has a three more pours to complete the box up to the structure.

Next week the contractor is planning on two to three pours. Pours will take place near the transition structure, above the power plant, and at windy point.

LOGAN NORTHERN SEGMENT

Crews this week focused all of their attention on the installation of the 36 inch RCP storm drain. Work began near 400 N and went north toward 500 N. Crews were able to reach the 500 N intersections early Friday.

Installation of the 36 inch pipe went smoothly this week as the contractor is installing the pipe similar to the other RCP on the project. Small rock material or “chips” are being installed underneath the pipe and up to the spring line with native material backfilled on top. Due to the amount of necessary materials to perform the work, 500 N has become a staging area and remains closed to through traffic.



Checking pipe alignment after a manhole placement



Melting ice off of the pipe joint to make room for the gasket and assure a proper fit

Next week crews will move up to approximately 550 N and install the RCP pipe south toward 500 N. The gas line on the south side of 500 N will be lowered by Questar gas allowing the contractor to connect the two segments of new 36 inch RCP.

VALLEY SEGMENT

Whitaker performed work in five different locations with five different crews on this segment this week; with a lot of the work happening simultaneously. The first crew, referred to as the main line crew, was able to focus all of their attention on the installation of 66 inch RCP and 30 inch RCP between 1220 N and Cedar Heights Dr. There was limited space in this area which required a lot of coordination and dump trucks hauling out and bringing in material. Despite the narrow working area, 280 feet of 66 inch RCP were placed with the 30 inch RCP following on the east side.



Pipe installation between Cedar Heights and 1220 N (Crew 1)



21 and 4 inch PVC installation just west of the 66 inch RCP (Crew 2)

The third crew, referred to as the concrete crew, was able to set up and pour the floor of the outfall apron that connects to the bubble up structure. This outfall apron was coordinated between field personnel and the project team to provide the best field fit which was a modification to the original plan.



Rebar set for the floor of the outfall apron (Crew 3)



Lowering of the Logan City water line (Crew 4)

The fourth crew, referred to as the utility crew, completed the lowering work on the 14 inch Logan City water line located in the golf course. An air vacuum valve was also installed on this line. Once the 14 inch line was backfilled and turned back on, the utility crew began coordination and preparation to lower the 14 inch Utah State University line. Much coordination with USU occurred to be able to accomplish a complete shutdown of this line. The line was successfully shut down toward the end of the week and the utility crew performed the necessary lowering of the waterline over the weekend.

The fifth crew, referred to as the golf course crew, excavated for and set the three piece precast transition structure at the mouth of the canyon. This structure will be used to transition between the box culvert and the 66 inch RCP pipe.

Next week, the five crews will continue to work simultaneously at their respective locations.

Installation of 66 inch RCP will occur in two locations next week as the golf course crew and mainline crew work toward each other. The golf course crew will begin laying pipe at the transition structure headed north and the mainline

crew will continue laying pipe toward cedar heights drive the south. The concrete crew will continue their work on the fall out structure with plans of completing the head wall and wing walls on the structure. The service crew will continue laying 21 and 4 inch pipe to the south, and the utility crew will begin preparation work for the lowering of the 24 inch steel Logan City water line.



Transition structure in place (Crew 5)

1500 NORTH SEGMENT

No work was performed on this segment this week. In the near future crews will begin work on finishing both the pressure reducing structure and diversion structure. The steel pipe necessary to finish the piping portion of the segment is scheduled to arrive on site later this month.

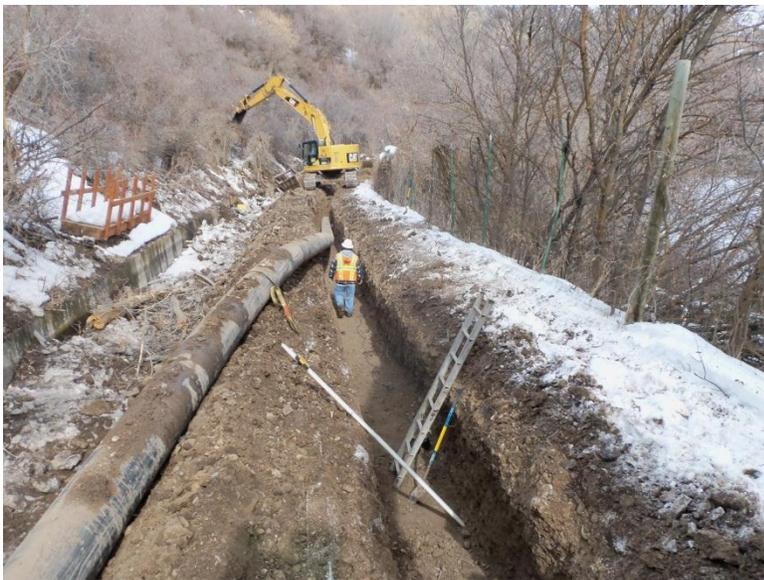
LAUB SEGMENT

Whitaker Construction placed 1220 feet of 18 inch HDPE pipe this week. The crews also installed 4 tees in the pipe to accommodate new service hook up. Once all of the main line is installed, a service crew will come through the alignment and install valves and meters and connect onto the existing service pipes.

Work in this segment is going smoothly as pipe installation follows the same methods as previous weeks.



HDPE pipe fusion near the trench



HDPE pipe installation and backfill

Next week, crews will continue pipe installation heading toward the Laub diversion box.