



CWRP WEEKLY CONSTRUCTION PROGRESS REPORT

Week ending October 5, 2013

RIVER DIVERSION SEGMENT

This week on the river diversion segment, crews were able to build a sand bag wall across the existing sill wall in the river bed. This wall was designed the back up the water high enough to be diverted into the canal. By observation this summer it was discovered that the sill wall would need to be slightly higher in order to divert the 130 cubic foot per second (cfs) design flow. While there crews also assembled and tested the stop logs. These stop logs are designed to go in the bypass channel and will help direct the water down the diversion.



Flow Test with sand bagged sill wall

On October 3rd, the system flow test was conducted. Arrangements were made with Logan Light and Power, Logan City, and the river commissioner to be able to divert all the water in the river for the test. The river diversion was able to divert roughly 105 cfs which was all the water out of the river. The flow test yielded favorable results and the project team was able to adjust some of the infrastructure at the river diversion such as the stop logs and screen baffles to the optimum position. Representatives from Whitaker Construction, J-U-B Engineers, Cache County, Logan City, Cache Highline Canal, and NRCS were on site to witness the test. Representatives from each entity were also actively engaged in the test to monitor flows down stream of the diversion and gather measurements in various locations along the system.

In the coming weeks Whitaker will plant some vegetation around the structure to restore plants taken out during construction.

CANYON SEGMENT

This week in the Canyon Segment crews were able to seed the remainder of the access road and disturbed areas that were not seeded last week. A four-wheeler was used to pull a harrow over the material in attempt to mix the compost and backfill material. Once harrowed, seed was spread over the soil.

In the coming weeks Whitaker will plant some vegetation along the alignment to restore plants taken out during construction.

VALLEY SEGMENT



This week on the Valley Segment, crews continued landscaping work and clean up work throughout the segment. LeGrand Johnson Construction, the paving subcontractor, was on site this week repaving all of the roads and sections of pavement disturbed in the valley segment during construction. This included the access road inside the Logan Golf and Country club that leads to the Logan City water tanks.

Next week, crews will continue clean up work and final landscaping items on the segment.

Restoring pavement on the tank access road

1500 NORTH SEGMENT

No work occurred on this segment this week as all available crews were working on other segments of the project. In the coming weeks, crews will go back through the project working on a close out punch list generated by the project team.

LAUB SEGMENT

This week on the Laub Segment work continued on the spring collection drain line. Crews placed the east turn out box with corresponding cut off wall. This is the second of two turn out boxes in the segment that will collect spring water and divert it to water right users below the canal. The cut off walls placed next to each turn out box will aid in forcing the water into the perforated drain line pipe and surrounding drain rock bedding by prohibiting the water upstream of the turn out boxes from passing down stream.



East Turn out box with cut off wall

Next week, crews will continue installing pipe heading east toward the Ropes Course Road. The first clean out box will also be placed.

LOGAN NORTHERN SEGMENT

As a precautionary measure, the Logan Northern pipe line was turned off this week due to the construction of an apartment complex down hill from the pipeline. Due to the construction the surrounding canal bank began to slowly slide and the canal company decided to turn off the water in the pipeline.

No work occurred on this segment this week as all available crews were working on other segments of the project. In the coming weeks, crews will go back through the project working on a close out punch list generated by the project team.