CWRP WEEKLY CONSTRUCTION PROGRESS REPORT
Week ending March 16, 2013

RIVER DIVERSION SEGMENT

This week on the diversion structure, Spindler Construction spent a lot of time on finish work including clean up and grouting. All of the structural concrete has been placed. The next step on this segment is the placement of the structural steel.

Whitaker Construction continued work on the gravity block wall and perimeter/french drain system on the down stream end of the structure. Once this was complete they mobilized down into the river and placed large rip rap to restore the riverbed. The electrical sub-contractor, Freedom Electric, was on site this week and worked on panel boxes and electrical layout.

Next week Whitaker will continue work in the river channel and will assist Duc Works in placing and adjusting the structural steel. Freedom Electric will also be on the job intermittently to continue work on the electrical layout.

River Diversion Structure

J-U-B
THE LANGDON GROUP
GATEWAY MAPPING INC.
OTHER J-U-B COMPANIES

CANYON SEGMENT

On the canyon segment this week, 180 linear feet of box was completed above the power plant. These were both routine pours that included roof, wall, and floor being poured at once. At the end of the week, Spindler made the floor pour into the transition section of precast section box at station 63+40. This location represents the end of the cast-in-place concrete on the west portion of the Canyon. All of the cold weather protection tents have been taken down as rising temperatures eliminate the need for them. Freshly placed concrete is still being covered with concrete blankets to protect against frost.

Completed box culvert looking up Logan Canyon

Pouring roof of box culvert below Logan City Power and Light Penstock

Work also continued on the eastern portion of the cast-in-place concrete this week.

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

Next week next week pours are scheduled to continue to occur west of windy point and above the power plant. Spindler hopes to complete the west portion of the cast-in-place culvert next week so Whitaker can mobilize in and begin placing the middle section of pre-cast culvert.

Service tee fusion

LOGAN NORTHERN SEGMENT

Now that the mainline is finished on this segment, crews were able to begin the turnout installation. The Contractor and project team have worked closely with residents and the canal company to make sure all turn outs are installed in the correct locations, and with proper layout. HD supply, a sub-contractor, was on site this week to fuse all of the HDPE tees onto the mainline pipe. Each turnout, blow off, and air vac require a tee to be fused onto the mainline for connection. In order to expedite installation, the contractor decided to fuse all of the tees on before plumbing the turn outs. Crews began the week at the bottom of the alignment and worked north fussing on tees. Crews were able in fuse all the necessary tees up to 800 E this week.

The concrete crew was also on site this week preparing the 12 inch HDPE pipe under 400 N for concrete encasement. Once the rebar and forms were placed around the pipe, it was inspected and concrete was poured at the end of the week.

Next week the tee fusion will be completed and pluming of the turnouts, blow offs, and air vacs will commence.

Placing concrete for pipe encapsulation under 400 N

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 920 feet of pipe.

66 inch pipe installed around cart bridge

A second crew, referred to as the utility crew, connected onto the 21 inch distribution line that was previously installed on the north side of 1220 N and began installing the pipe back to the south. As the crew installs the pipe they are also placing turnout tees and valves. Once the mainline is installed the crew will return to each turnout and plumb in the necessary equipment for water distribution. Crews are also installing a 4 inch PVC Logan City water line slightly above the 21 inch PVC line. This line will be used by Logan City for irrigation along the canal corridor.

Placement of 21 inch PVC distribution line (4 inch Logan City water line also shown)

Next week the mainline crew will continue 66 inch RCP pipe installation up to the 24 inch Ductile Iron Logan City water line. Once the crew reaches this point they will stop installation and perform the work on the lowering of the ductile iron pipe. Once lowered, the crew will again continue the 66 inch RCP pipe until they reach field collar location. The utility crew will also continue the distribution line installation.

1500 NORTH SEGMENT

This week the contractor placed the 42 inch butterfly valve and vortex suppressor at the 1500 North and LHPS Canal Transition Structure.

Work also continued on the steel pipe installation at the bottom of the 1500 N segment. A steel reducer and 96 inch metering man hole were placed this week. Conditions have improved some but a lot of ground water is still present in this area requiring pumps to be running full time at the bottom of the trench.

Lowering the vortex suppressor valve into position

96 inch meter man hole

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.

LAUB SEGMENT

This week on the Laub segment, crews focused all of their efforts on the installation of turn outs. Crews were able to install four turn outs this week.

Next week, crews will continue placing turn outs proceeding to the east. Once the turn outs are installed crews will work on cleaning up the road and finishing up this segment.

Plumbing into existing service line