

ADDITIONAL NOTES:

Contractor has substantially completed selective demolition of pedestrian bridges and irrigation turnout head gate structures approx Sta 793+00 to Sta. 867+98. Selective demo ongoing as pipe trench excavation progresses westbound. Selective demolition completed to date includes removal of bridge structure Sta. 807+20, private access way crossing MCPH2 pipeline. Temporary access way closure signed and barricaded, alternate access way Tekampe Road in place. Placement and densification of Type B trench backfill Sta 807 +20 in process.

Contractor completed placement of concrete for foundation slab Intake Structure Sta. 718+00. Foundation slab dimensions as shown Dwg SD4, elevations as directed CO 01 - Intake Structure Location. Reinforcing steel for foundation slab per Drawing details SD1, SD2, SD3, and SD4. Reinforcing steel in accordance with approved Submittal 024.2 - Inlet Structure Rebar Dwgs R3. Contractor has template set 60-IN ID HDPE entrance pipe spool with seep ring. 60-IN ID HDPE entrance pipe spool per approved Submittal 16.1 - Krah HDPE Pipe Rev.2. Spool pipe template set at Intake Structure headwall as shown Drawings SD2 and SD4 (Photos).

Contractor continued pipe trench excavation for installation 54-IN ID Profile Wall HDPE pipe and fabricated fittings. Trench excavation in progress approx Sta. 793+10 westbound. Excavation in approx 2 feet sandy silt and gravel with broken rock, underlain by hard rock. Trench excavation on line and grade per Drawing Sheet 14 of MCPH2, Seg2 Drawings. Work in accordance with spec 02300 - Earthwork (Photo).

Contractor continues placement and grading pipe bedding material for installation 54-IN Profile Wall HDPE. Pipe bedding material placement, final grading, and compaction in progress approximate Sta. 793+20 westbound. Pipe bedding material; 3/4"-0 Aggregate On-site Processed per approved Submittal 25 in accordance with spec 02300 - Earthwork. Contractor finish grading pipe bedding material using laser level take-off from constructions staking hubs. Densification of pipe bedding material provided with medium weight vibratory plate (Photos).

Contractor continues installation 54-IN ID profile wall HDPE pipe by Krah USA. Pipe materials conforming with specification 15068 and approved submittal 16.1 - Krah HDPE Pipe Rev.2. Electro-fusion of field pipe joints with IntegriFuse Electrofusion Processor Serial No. 00653, 00657, 00665, and 00667. Field welded pipe joints subject to air pressure testing; 25 psig, 5 minutes, PASS criteria: no pressure loss. Air testing of completed field joints in accordance with pipe manufacturers written instructions. Electro-fusion data and air pressure test data recorded and posted to the project record. Installation of 54-IN ID RSC400 pipe in progress approximate Sta. 793+35 westbound.

CEG conducted QA pipe slope measurement interior to installed 54-IN profile wall HDPE pipe using 4-ft smart level at pipe flow line. Sta. 794+90 slope = -0.1% (easterly) as measured on pipe interior flow line. Sta. 795+85 slope = -0.1% (easterly) as measured on pipe interior flow line. Sta. 796+80 slope = -0.1% (easterly) as measured on pipe interior flow line(Photos). QA pipe slope measurement in general accord with pipe profile Sheet 15, design slope = -0.089%. (Photos).

CEG conducted pipe ovality measurement installed 54-IN profile wall HDPE pipe using tape measured vertical and horizontal axis Sta. 794+90; vertical 53-7/8", horizontal 54-1/8" before backfill. Measured vertical and horizontal axis Sta. 795+85; vertical 53-3/4", horizontal 54-1/8" before backfill. Measured vertical and horizontal axis Sta. 796+80; vertical 53-7/8", horizontal 54-1/8" before backfill. Reference specification 02300 and 15068 for ovality criteria; 1% of pipe diameter = 1/2", ovality measurement Sta. 794+90, Sta. 795+80, and Sta. 796+80 within allowable deflection limits, before backfill (Photos).

Contractor continued placement and densification of initial pipe zone backfill 54-IN ID profile wall HDPE pipe. Observed placement of purple tracer wire directly over the crown of installed pipe. Tracer wire product per approved Submittal 03 and spec 02300. Provisions made for tracer wire turnout to marking post in accordance with Drawing Dtl 1/D1 and 4/D2. Pipe zone material; 3/4"-0 aggregate processed on site from excavation spoils per approved Submittal 25. Pipe zone material placed in approximate 1 foot lifts and machine manipulated into intimate contact with the pipe in the pipe haunch zone. Compaction provided with excavator mounted sheeps foot roller. Placement and densification work in process Sta. 807+80 (Photos).

Contractor continued placement Type A trench backfill material over 54-IN ID profile wall HDPE pipe. Type A trench backfill complete to approximate Sta. 807+80 westbound. Type A trench backfill material (final backfill) 3"-0 Type A Trench Backfill in accordance with specification 02300 - Earthwork. Densification of pipe trench final backfill provided with heavy track dozer. Noted installation detectable tape over pipe centerline approximately 24-inches above top crown. Detect tape in accordance with specification Section 23000 and approved Submittal 03.

Contractor to place Type B Trench backfill material at 54-IN ID profile wall HDPE pipe installed Sta. 807+20 at access way crossing. Type B trench backfill material 3/4"-0 Base Course Aggregate per approved Submittal 020 - Aggregate Base 3/4"-0 State Spec in accordance with specification 02300 - Earthwork. Densification of pipe trench final backfill to 95% maximum dry density modified Proctor, AASHTO T-180.

On-site discussions with field foreman, Craig and site superintendant Tanner;

- 1) Type B Trench Backfill in process Sta. 807+20 at access way crossing. 3/4"-0 Aggregate Base SS compact 95% MDD. Density testing req'd.
- 2) Installed pipe alignment within the pipe trench section to provide at least 24-inches width between pipe and trench sidewall to afford space for specified densification of pipe zone backfill material.
- 3) Coordination of utility providers at upcoming Woodside Road crossing in process.

Action Items / Items for Further Discussion:

- 1) Selective demo, protect-in-place weir boxes to remain, maintain access at vehicular bridge removed, salvage items where noted on Dwgs.
- 2) Krah pipe revised lay drawings and pressure rating certification document submittals required.
- 3) Type B Trench backfill density testing results Sta. 863+75 Corral Rd + Sta. 852+50 Pape + Sta. 847+50 Fennimore + Sta. 839+00 Fennimore + Sta. 830+25 Tekampe.

PHOTOGRAPHS:



AID MCPH2 - Sta. 720+00 Temp Mtrl Processing Area, 0.75 aggregate processing 03-05-25



AID MCPH2 - Sta. 720+00 Temp Mtrl Processing Area, stored mtrl, 0.75 aggregate processed on-site Type A trench backfill mtrl 03-05-25



AID MCPH2 - Sta. 720+00 Temp Mtrl Processing Area, stored mtrl, 0.75 SS aggregate Type B trench backfill mtrl (1) 03-05-25



AID MCPH2 - Sta. 720+00 Temp Mtrl Processing Area, stored mtrl, 0.75 SS aggregate Type B Trench backfill mtrl (2) 03-05-25



AID MCPH2 - Sta 718+00 Intake Struct Fnd 60-IN ID wall spool template placed (1) 03-05-25



AID MCPH2 - Sta 718+00 Intake Struct Fnd 60-IN ID wall spool template placed (2) 03-05-25



AID MCPH2 - Sta. 791+00 Woodside Rd temporary closure, barricade traffic control 03-05-25



AID MCPH2 - Sta. 791+00 Woodside Rd temporary closure, detour signage 03-05-25



AID MCPH2 - Sta. 791+00 Woodside Rd pothole existing utilities east road shoulder, protect-in-place (1) 03-05-25



AID MCPH2 - Sta. 791+00 Woodside Rd pothole existing utilities east road shoulder, protect-in-place (2) 03-05-25



AID MCPH2 - Sta. 791+00 Woodside Rd pothole existing utilities east road shoulder, protect-in-place (3) 03-05-25



AID MCPH2 - Sta 793+10 54-IN ID profile wall HDPE pipe trench excavation 03-05-25



AID MCPH2 - Sta 793+20 54-IN ID profile wall HDPE pipe bed grading 03-05-25

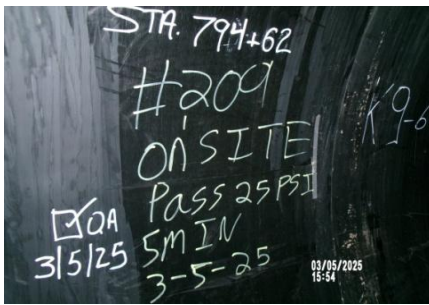


AID MCPH2 - Sta 793+35 54-IN ID profile wall HDPE pipe install and field joint fusion 03-05-25

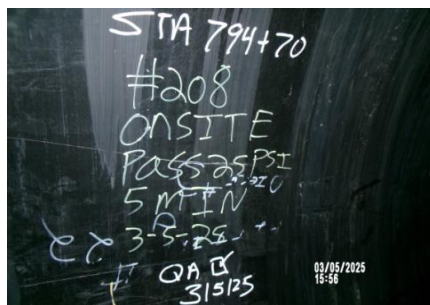


AID MCPH2 - Sta 795+00 54-IN ID profile wall HDPE pipe installed 03-05-25

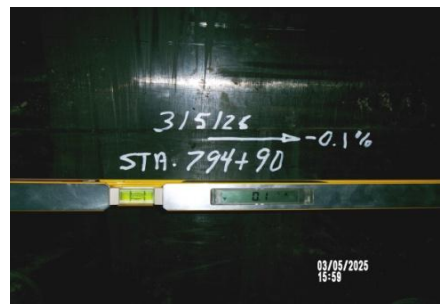
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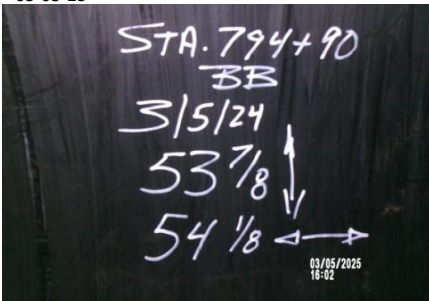
AID MCPH2 - Sta 794+62 54-IN ID profile wall
HDPE pipe field joint #209 air pressure test PASS
03-05-25



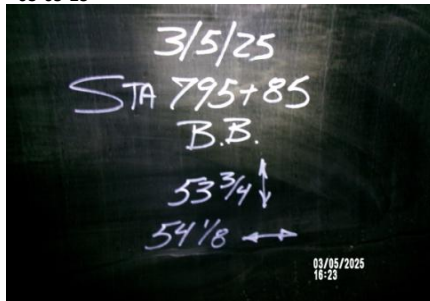
AID MCPH2 - Sta 794+70 54-IN ID profile wall
HDPE pipe field joint #208 air pressure test PASS
03-05-25



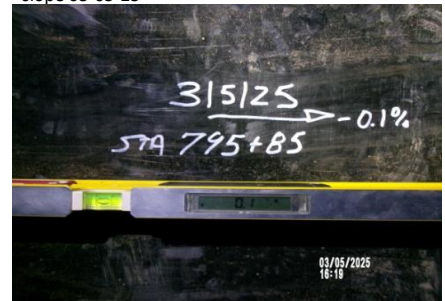
AID MCPH2 - Sta 794+90 54-IN ID profile wall
HDPE pipe QA pipe slope measurement -0.1%
slope 03-05-25



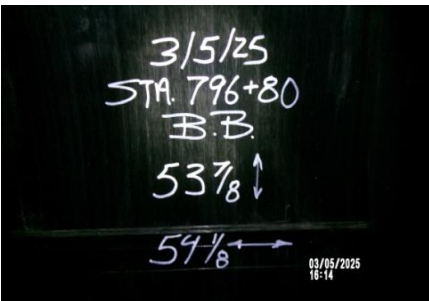
AID MCPH2 - Sta 794+90 54-IN ID profile wall
HDPE pipe QA ovality measure before backfill 03-
05-25



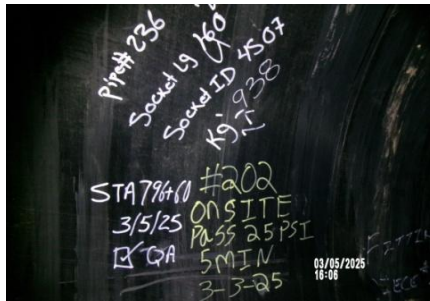
AID MCPH2 - Sta 795+85 54-IN ID profile wall
HDPE pipe QA ovality measure before backfill 03-
05-25



AID MCPH2 - Sta 795+85 54-IN ID profile wall
HDPE pipe QA pipe slope measurement -0.1%
slope 03-05-25



AID MCPH2 - Sta 796+80 54-IN ID profile wall
HDPE pipe QA ovality measure before backfill 03-
05-25



AID MCPH2 - Sta 796+60 54-IN ID profile wall
HDPE pipe field joint #202 air pressure test PASS
03-05-25



AID MCPH2 - Sta 796+70 54-IN ID profile wall
HDPE pipe field joint #201 air pressure test PASS
03-05-25



AID MCPH2 - Sta 796+80 54-IN ID profile wall
HDPE pipe QA pipe slope measurement -0.1%
slope 03-05-25



AID MCPH2 - Sta 807+20 54-IN ID profile wall
HDPE pipe, Type B trench backfill at access way
crossing 03-05-25



AID MCPH2 - Sta 808+80 54-IN ID profile wall
HDPE pipe, initial backfill densification 03-05-25