

RECLAMATION

Managing Water in the West

MID-PACIFIC CONSTRUCTION OFFICE
Willows, California

Construction Progress Report L-29



U.S. Department of the Interior
Bureau of Reclamation
Mid-Pacific Region
Mid-Pacific Construction Office

May 2017

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CONSTRUCTION PROGRESS REPORT (L-29)

MID-PACIFIC CONSTRUCTION OFFICE

MID-PACIFIC REGION

MAY 2017

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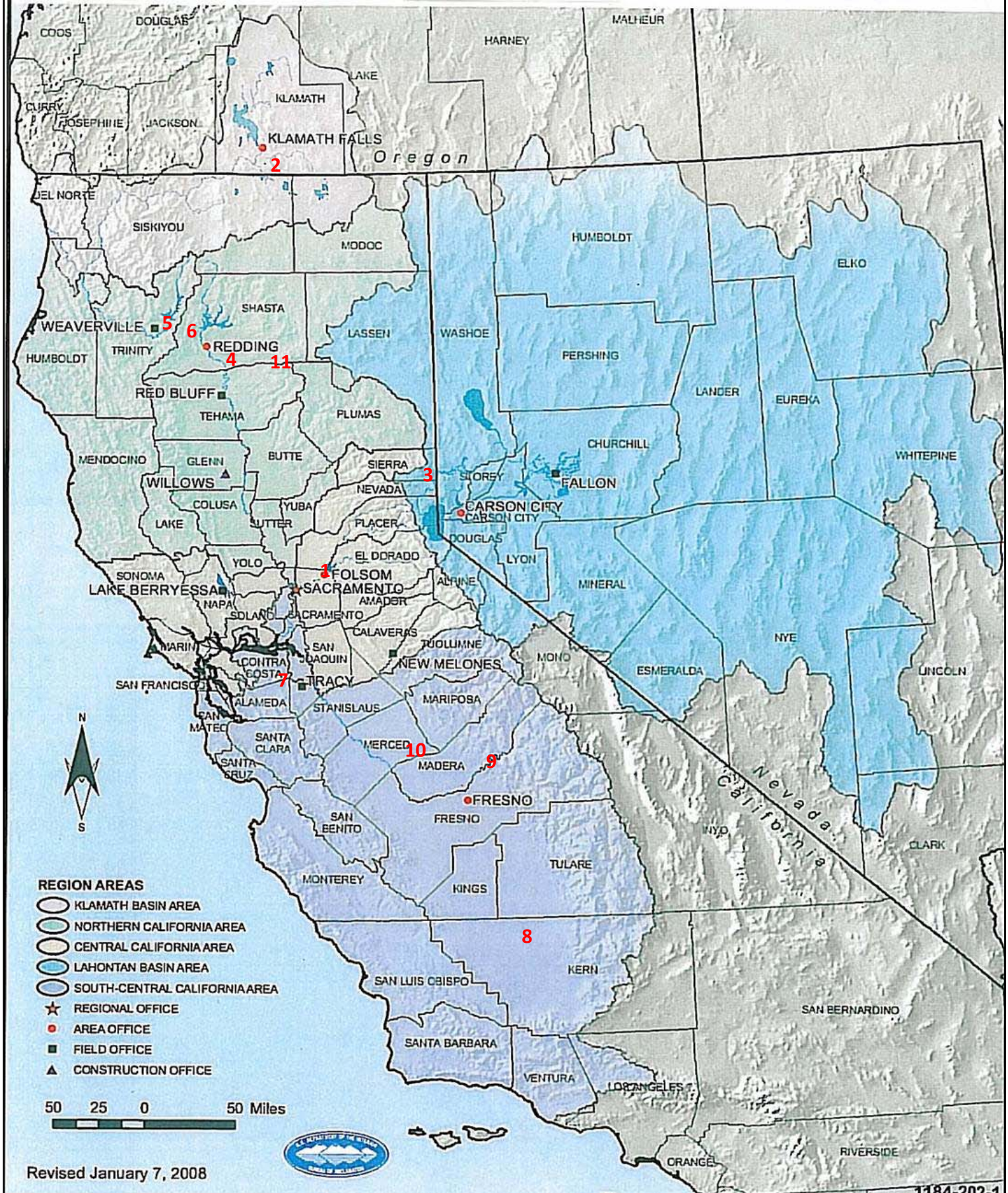
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Areas in the Mid-Pacific Region Where Work was Performed

Mid-Pacific Region

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Managing Water in the West



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STAFFING

MID-PACIFIC CONSTRUCTION OFFICE

The Mid-Pacific Construction Office had 36 construction and administrative employees at the close of this month as follows:

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GLOSSARY

ACRONYMS AND ABBREVIATIONS

ACRONYM	MEANING
CCAO	Central California Area Office
CVP	Central Valley Project
KBAO	Klamath Basin Area Office
LBAO	Lahontan Basin Area Office
MP	Mid-Pacific Regional Office
MPCO	Mid-Pacific Construction Office
NCAO	Northern California Area Office
SCCAO	South Central California Area Office
SJRRP	San Joaquin River Restoration Program
TO	Tracy Office

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Central California Area Office

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Contract No. R10PC20019
Specification No. 20-C0689
Folsom Power Plant Generators U1, U2, and U3 Rewind and
Excitation System Replacement - Folsom Unit, American River
Division, Central Valley Project, California
Andritz Hydro, Charlotte, NC

Work Performed	May	0.0%
	Time Elapsed	100.0%
	Work Completed	100.0%
Contractor Earnings	May	\$0.00
	Previous	\$20,610,792.74
	Total to Date	\$20,610,792.74

Area Office Project Management

Project Manager: Jonathan Rogado, MP-250

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Before contract completion the following work will be performed:

Acceptance testing for Unit 3.

Remaining warranty inspections for Units 1, 2, and 3.

Final submittals (including As-built Drawings and O&M Manuals).

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314.

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this period.

Contract No. R14PC00096
Specification No. 20-C0816
Nimbus Dam Radial Gate Repairs, Phase III – Nimbus Dam,
American River Division, Central Valley Project, California
Alltech Engineering Corporation, Mendota Heights, MN

Work Performed	May	0.9%
	Time Elapsed	86.2%
	Work Completed	68.7%

Contractor Earnings	May	\$151,725.00
	Previous	\$8,048,008.49
	Total to Date	\$8,199,733.49

Area Office Project Management

Project Manager: Jonathan Rogado, MP-250

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice No. 22, in the amount of \$151,725.00, for work performed from March 1, 2017 to April 30, 2017, was received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 10

Work Performed

Alltech fabricated new bottom and side gate seal clamp bars from stock, and drilled the new rubber seal to receive the mounting bolts for Gate No.8. A third-tier scaffolding subcontractor to FD Thomas, erected the scaffolding structure on the upstream and downstream sides of Gate No. 8. A change of the scaffolding company and material manufacturer required new engineering documentation to be submitted and approved by Reclamation. Once the scaffolding was in place, FD Thomas installed the poly shrink wrap containment over the gate structure. This containment area included a dirty/clean room for entry and exit. Negative air ducting was piped into the containment area along with abrasive blast hoses. Using a copper slag blast medium, FD Thomas removed all of the existing lead-based coatings from the gate structure, which included upstream skin, downstream structural steel frame, and trunnion arm assemblies. The new seal clamp bars and existing gate shoes were also abraded. A total of 211 weld pit repairs were performed on the upstream face of Gate No. 8. After grinding these weld repairs, the gate was reblasted, blending all repairs into the profiled near-white metal surface. 11 deteriorated gate bolts were replaced.

The epoxy coating was applied to the upstream and downstream sides of the gate and trunnion arms. A total of three coats were applied to the upstream side, while two coats were applied to the downstream side. After the prime coat was applied, caulking and stripe coating was performed on all joints, crevices, nut and bolt heads, and seams of the gate and trunnion assemblies. The Dry Film Thickness (DFT) of all coatings was verified to be within the specification requirements. FD Thomas prepped and primed a portion of the handrails on the downstream side of the Bridge Deck, starting from Gate No. 18 and working south. Spalling concrete under the south trunnion mount on Gate No. 8 was removed and repaired in accordance with the latest repair specifications.

Contract No. R16PC00075
Specification No. 20-C0838
Folsom UHA Switchgear Replacement – Folsom Unit, American
River Division, Central Valley Project, California
Cal Electro, Inc., Redding, CA

Work Performed	May	0.0%
	Time Elapsed	94.9%
	Work Completed	26.0%

Contractor Earnings	May	\$528,929.00
	Previous	\$308,731.00
	Total to Date	\$837,660.00

Area Office Project Management

Project Manager: Vanhue Ly, CC-606B

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice No. 03, in the amount of \$529,929.00 for work performed from March 1, 2017 to April 30, 2017, was received this reporting period.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317

Number of Contractor Employees: 10

Work Performed

Cal Electro, Inc. completed installing terminal ends on all of the temporary cables for the temporary switchgear. The Contractor also began and completed cutting and moving all of the UHA switchgear circuits to the temporary UHB switchgear over a series of six outages. The Contractor then began and completed disassembly and removal of the existing UHA switchgear from its installed location above the cable tunnel. This switchgear will remain onsite until the new switchgear is installed and operational as required by the contract. The Contractor began installation of the steel support beams for the new UHA switchgear at the cable tunnel opening and continued installation of the new underground conduits from the cable tunnel to the low side panel of transformer KZ4A. Cal Electro then installed new underground conduits from the cable tunnel to the location of where the building transformers will be placed, formed the building transformer slab, installed the rebar, and got the area ready for installation of concrete that will be placed in June. Cal Electro then re-excavated the foundations for the four guard posts (bollards) that will be installed around the new fabricated control building after rain events had filled the holes with sediment. Cal Electro also began and completed removal of the

existing cable trays and began installation of the new cable trays in the cable tunnel below the opening for the switchgear.

Contract No. R16PC00113
Specification No. 20-C0858
Folsom Dam Municipal and Industrial Temperature Control
Device Safety Measures, Folsom Unit, American River Division,
Central Valley Project, California
Sapper West, Inc., Sacramento, CA

Work Performed	May	0%
	Time Elapsed	56%
	Work Completed	21%
Contractor Earnings	May	\$0.00
	Previous	\$63,021.24
	Total to Date	\$63,021.24

Area Office Project Management

Project Manager: Brian Zewe, CC-612

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Todd Dooley, MPCO-314

Number of Contractor Employees: 0

Work Activities:

No onsite work was performed during this period.

Klamath Basin Area Office

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Contract No. R15PC00080
Specification No. 20-C0836
Klamath Basin Area Office Sewer Lift Station, Klamath Basin
Area Office, Klamath Falls, Oregon
Andrews Contracting Services, LLC, Vancouver, WA

Work Performed	May	0.0%
	Time Elapsed	100%
	Work Completed	77%

Contractor Earnings	May	\$0.00
	Previous	\$493,104.25
	Total to Date	\$493,104.25

Area Office Project Management

Project Manager: John Menniti, MPCO-110

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Russell Davies, MPCO-341

Number of Contractor Employees: 14

Work Performed

Subcontractor Rocky Mountain Construction (RMC) removed three manhole covers and appurtenant structures below the covers that were within the paving area on Swan Court. RMC also removed two hand boxes and two cover plates that contain two water valves in the transition zone leaving Swan Court and entering Joe Wright Road; ground off 2-inch deep x 16-foot wide x 465-foot long section of Asphaltic Cement (A.C.) between stations 17+00 and 21+64.11, mainly at Swan Court. RMC loaded grind off into a dump truck, which transported the full loads offsite. The subcontractor also removed all loose asphalt from subsurface medium via sweeper and then completed raising the structures. RMC then applied the tackifier to the base and to all adjacent surfaces at the perimeter of the placement zone, and transported, placed and compacted new A.C. within the limits of the previous grind out section of Swan Court. RMC performed compaction on the asphalt by utilizing one CAT CB64 vibratory steel wheel roller (VSWR). In areas where maneuverability was limited, they utilized an Atlas Copco Dynapac CC1200 VSWR to compact the loose lift.

Subcontractor Bob's Excavating backfilled soil and rock up to the elevation of the sump cover, valve cover, and top of the slab for electrical panels on the west side of the boat and vehicle garage. Further compaction occurred after placement.



Klamath Basin Area Office Sewer Lift Station
The subcontractor sweeping the Swan Court area after 2" of asphaltic cement was ground off.



**Klamath Basin Area Office Sewer Lift Station
A view of Swan Court after Compaction**

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Lahontan Basin Area Office

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Contract No. R16PC00062
Specification No. 20-C0850
Stampede Dam, Dam Safety Modifications - Stampede Dam,
Stampede Division, Washoe Project, Nevada-California
NW Constructors, Inc., Bozeman, MT

Work Performed	May	5%
	Time Elapsed	43.0%
	Work Completed	20%
Contractor Earnings	May	\$0.00
	Previous	\$4,430,352.35
	Total to Date	\$4,430,352.35

Area Office Project Management

Project Manager: Todd Hill, MP-240

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Modification No. 0010, Definitize Modification No. 0009, was executed May 30, 2017, in the amount of -\$3,533.74.

Field Engineering

Construction Manager: Kyle Hughes, MPCO-324

Construction Representative: Zahid Wazid, MPCO-349; Sean Hill, MPCO-328

Number of Contractor Employees: 39

Work Performed

NW Construction finished backfilling and compacting the Cofferdam Earth-fill material and completed the cofferdam up to elevation 5974.0 feet. They also finished gravel surfacing across the crest of the cofferdam. Subcontractor, International Lining Technology, started and finished installing geomembrane on the upstream slope of the cofferdam this month. NW Construction started and finished excavating to strengthen the foundation for the embankment crest structure between stations 24+55 and 33+00. Foundation cleanup was also completed. Reclamation representatives approved the foundation for backfill this reporting period. NW Construction started backfilling the embankment crest structure, between stations 24+55 and 33+00, starting at elevation 5956 feet and completed it to elevation 5971 feet. Blended Zone 1 and 2 material from the dike excavation was utilized for the backfill. NW Construction started dike excavation between stations 9+00 and 25+00 to bring the existing dike down from elevation 5974 feet to 5969.1 feet, in order to facilitate installation of the MSE wall panels. Approximately, 80 percent of the material was excavated by the end of this month.

Subcontractor, Nason Scanning Services, performed scanning of rebar on the spillway structure prior to cutting them with the saw. NW Construction performed excavation adjacent to the spillway, all to allow for saw cutting to take place. Subcontractor, Diversified Contractors, started saw cutting the spillway walls and slabs. The cuts on the walls were completed, but part of the slab still remained intact. They also started demolishing the bridge deck, and the right and left spillway walls. NW Construction finished excavating the O&M road, which has been cut on the right abutment. The finished slopes were covered with topsoil. Subcontractor, Sierra Safety Company, finished installing informational detour signage along the approved locations including locations along Stampede Dam Road and Dog Valley Road. NW Construction finished breaking and stockpiling existing riprap at the north side of the Vista Point. NW Construction started removing existing guardrail along the north side of the Vista Point. NW Construction finished removing pavement on the north side and south side. The asphalt was taken to a local crushing plant for recycling. NW Construction received delivery of 1,064 MSE wall panels for the south side.



Stampede Dam, Dam Safety Modifications
An image of the earthfill cofferdam under construction

Northern California Area Office

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Contract No. R15PC00150
Specification No. 20-C0824
Trinity Dam Intake Mechanical Equipment Refurbishment/Gate
Shaft Refurbishing, Phase I - Trinity River Division, Central Valley
Project, California
BCI Construction USA, Inc., Belleville, IL

Work Performed	May	2.8%
	Time Elapsed	100%
	Work Completed	99.0%
Contractor Earnings	May	\$74,561.50
	Previous	\$2,552,217.00
	Total to Date	\$2,626,778.50

Area Office Project Management

Project Manager: Robert Gee, NC-230

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Invoice No. 12, in the amount of \$74,561.50, for work performed from December 22, 2016 to March 31, 2017, was received this reporting period.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Jason Foust, MPCO-325

Number of Contractor Employees: 1

Work Performed

Data collection for monthly monitoring report.

Contract No. R15PC00089
Specification No. 20-C0831
Intake 3 Screen Extension, Coleman National Fish Hatchery,
Shasta Division, Central Valley Project, California
Contractor Services Group, Inc., West Sacramento, CA

Work Performed	May	0.0%
	Time Elapsed	100%
	Work Completed	96.2%

Contractor Earnings	May	\$0.00
	Previous	\$1,774,786.25
	Total to Date	\$1,774,785.25

Area Office Project Management
Project Manager: Hank Harrington, NC-210

Office Engineering
Contract Manager: Kent Perkes, MPCO-225

Field Engineering
Construction Manager: Brian Wagner, MPCO-300
Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 0

Work Performed
No onsite work was performed during this period.

Contract No. R16PC00006
Specification No. 20-C0841
Trinity Powerplant Generator Rewinds - Trinity River Division,
Central Valley Project, California
Voith Hydro, Inc., York, PA

Work Performed	May	0.8%
	Time Elapsed	53.1%
	Work Completed	57.3%

Contractor Earnings	May	\$87,857.66
	Previous	\$7,547,549.63
	Total to Date	\$7,635,407.29

Area Office Project Management

Project Manager: Joe Ascoli, NC-650

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice No. 05, in the amount of \$87,857.66 for work performed from April 1, 2017 to April 30, 2017 was received, was received this reporting period.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this reporting period.

Contract No. R17PC00029
Specification No. 20-C0847
Trinity River Division Powerplants Replacement of Station
Service Transformers & Low Voltage Bus System – Trinity River
Division, Central Valley Project, Trinity and Shasta Counties,
California
Gardner Zemke, Albuquerque, NM

Work Performed	May	0.5%
	Time Elapsed	2.9%
	Work Completed	0.5%
Contractor Earnings	May	\$15,118.00
	Previous	\$0.00
	Total to Date	\$15,118.00

Area Office Project Management

Project Manager: Laurie Larson, NC-211

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

This contract was awarded on April 4, 2017 in the amount of \$2,832,976.00.

Invoice No. 01, in the amount of \$15,118.00 was received this reporting period, for work performed from April 18, 2017 to May 8, 2017.

Field Engineering

Construction Engineer: Brian Wagner, MPCO-300

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 0

Work Performed:

No onsite work was performed during this reporting period.

Contract No. R16PC00134
Specification No. 20-C0852
Whiskeytown Lake, Spring Creek Temperature Control Curtain -
Trinity River Division, Central Valley Project, California
BCI Construction USA, Inc., Belleville IL

Work Performed	May	0.0%
	Time Elapsed	56.2%
	Work Completed	0.0%
Contractor Earnings	May	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Robert Gee, NC-230

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Stephen M. Holmes, MPCO-320

Work performed

No onsite work was performed during this period.

Contract No. R16PC00127

Specification No. None

Trinity Dam Outlet Works Valve House Roofing Replacement -

Trinity River Division, Central Valley Project, California

Keystone Specialty Construction, LLC, Ivyland, PA

Work Performed	May	0.0%
	Time Elapsed	100%
	Work Completed	0.0%

Contractor Earnings	May	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

No response to Show Cause letter. The Contracting Officer determined to terminate the contract for default and resolicit the contract.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: David B. Derk, MPCO-334

Number of Contractor Employees: 0

Work Activities:

No onsite work was performed during this period.

South Central California Area Office

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Contract No. R17PC00022
Specification No. 20-C0857
Western Tracy Switchyard - Chain Link Fence Project
Tracy Pumping Plant and Substation - Delta Division, Central
Valley Project, California
Salter and Sons Construction, Bucyrus, KS

Work Performed	May	0.0%
	Time Elapsed	65.0%
	Work Completed	100%
Contractor Earnings	May	\$77,700.00
	Previous	\$0.00
	Total to Date	\$77,700.00

Area Office Project Management

Project Manager: William Dutton, TO-435

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

Invoice No. 001, in the amount of \$77,700.00 for work performed in April and May, was received this reporting period.

Field Engineering

Construction Manager: Stephen Holmes, MPCO-320

Construction Representative: David B. Derk, MPCO-334

Number of Contractor Employees: 9

Work Performed

All three fences were constructed this period. Each fence was erected around the switchgear building and the respective current limiting reactors to prevent access into these areas. The crew placed string lines to mark the fence alignment and to determine the location for each post, corner post and gate post. The gravel surfacing was removed from fence line and the posts were excavated using hand tools, a gas powered auger, and an air jack hammer. Each post hole was placed into concrete and a torpedo level was used to keep each post plumb. A string line ensured that the fence was in line and set to the correct fence height. The top of the fence was marked prior to the top rails being installed and bottom tensioning wire was placed along the fence fabric and secured with hog rings. Gates were installed to allow access of certified personnel. Safety signs were installed on the sides of each new fence. The subcontracted electrician assisted with digging holes by hand to locate the existing grounding grid cables. The grounding cables were attached to each post on that line. After all grounding cables were installed, resistance testing was performed to ensure that each fence was properly grounded.

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San Joaquin River Restoration Program

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Contract No. R16PC00110
Specification No. 20-C0853
Madera Canal Headworks Low-Flow Valve - Friant Division,
Central Valley Project, California
BCI Construction USA, Inc., Belleville, IL

Work Performed	May	18.4%
	Time Elapsed	77.4%
	Work Completed	19.3%
Contractor Earnings	May	\$328,697.00
	Previous	\$16,317.00
	Total to Date	\$345,014.00

Area Office Project Management

Project Manager: Adam Nickels, MP-170

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice No. 02, in the amount of \$328,697.00 for work performed from March 1, 2017 to May 31, 2017, was received this reporting period.

Field Engineering

Construction Engineer: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 5

Work Performed:

During this period, BCI crew worked on the support piers for the hollow Jet Valve and Reducer. The crew installed the forms, reinforcement, and placed concrete for the hollow Jet Valve and Reducer piers. Subcontractor, Technicon, assisted BCI with the placement of concrete for the piers.

Contract No. R16PC00111
Specification No. 20-C0855
San Joaquin Hatchery Water Supply Pipeline - Friant Division,
Central Valley Project, California
BCI Construction USA, Inc., Belleville, IL

Work Performed	May	22.9%
	Time Elapsed	88.9%
	Work Completed	57.7%

Contractor Earnings	May	\$354,398.69
	Previous	\$538,521.49
	Total to Date	\$892,920.18

Area Office Project Management

Project Manager: Adam Nickels, MP-170

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

Invoice No. 04, in the amount of \$354,398.69 for work performed during the month of April 2017, was received this reporting period.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 16

Work Performed

Subcontractor Chapman Welding welded the 30-inch diameter pipe segments at approximate stations 1+10, 1+51, 1+92, 2+89, 2+91, and 3+05. The subcontractor conducted dye penetration tests at each weld location and no faults were observed. Chapman also welded the butt strap joint at approximate stations 0+80 and 2+37, and performed air leak tests on each of the butt strap joints.

BCI repaired the coating on the interior of the pipe at approximate stations 0+63, 1+10, 1+51, 1+92, 2+89, 2+91, and 3+05, using the PPG-Amerlock 2/400, Amerlock 2, and the Amercoat 880 Glass flake additive material. The interior lining was repaired at approximate station 2+34 and 2+64, using a high performance cement which is a fast set, repair mortar. The crew installed the Victaulic 18-inch W07-series couplers on each of the penstocks. BCI constructed and placed concrete for thrust block 1 at approximate station 2+33, thrust block 2 at approximate station 2+61, thrust block 3 at approximate station 2+89, thrust block 4 at approximate station 3+05, thrust block 5 at approximate station 3+11 and thrust block 6 at approximate station

3+18. BCI crew installed a Dezurik 24" diameter Butterfly valve at the end of the 24-inch x 30-inch x 30-inch tee fitting. BCI installed the coating wrap on the exterior of the 30-inch diameter pipeline, at approximate station 2+70 and 3+10. BCI crew backfilled the 30-inch pipeline with CLSM from approximate station 2+70 to 3+18.

Subcontractor AC Electric completed relocation of three electrical boxes that were interfering with the flanges of the new 30-inch diameter pipeline. The crew relocated and installed new electrical boxes for Penstocks 2, 3 and 4. The crew reconnected all the conductors and the Friant Dam operator tested each of the valves for proper operation. BCI crew excavated for the next section of the new 30-inch diameter pipeline. The crew excavated from approximate station 3+10 to 3+20. At this location, they encountered the existing 30-inch diameter pipeline, 45-inch diameter pipeline and a concrete encasement for the 45-inch diameter pipeline. It appeared that the invert elevation of the new 30-inch diameter pipeline was approximately 18 inches from the top of the existing 45-inch diameter pipeline.

The subcontractor AC Electric installed the new 1-inch and 3-inch rigid metal conduit for existing wiring along the east side of the 30-inch diameter water supply pipe. The crew terminated the conductors from the 3-inch diameter electrical conduit at the electrical room. The conductors are for the valve SCADA controls.

BCI placed a portion of the rip rap material on the designated area. The crew will complete this placement when backfilling the pipeline trench is complete.

Subcontractor AC Electric installed the 2-inch electrical conduit. This conduit was removed for the construction of the new vault. The new conduit terminated right at the south west corner of the OCID building, as requested by OCID.

BCI formed and placed the concrete slab for the new 24-inch modulated float valve. BCI demolished portions of the existing thrust block at the 24-inch Wye, in order to install the welded coupling. With the assistance of Chapman Welding the BCI crew measured and surveyed the angles necessary to achieve the connection between the new 30-inch diameter water supply pipe and the existing 24-inch pipe. The Contractor used these measurements to fabricate the connecting pipe. Chapman fabricated these pieces on site, and then sent them to a local fabricator to add the 6-inch standpipe for the air release valve assembly. BCI crew constructed thrust block 6 at approximate station 3+10. Controlled Low-Strength Material (CLSM) was placed according to Technical Service Center recommendations as a stabilized base where thrust block 6 crossed over the existing 30-inch and 45-inch Fish Hatchery pipes.



**San Joaquin Hatchery Water Supply Pipeline
Placing Rebar for Thrust Block Number 5**



**San Joaquin Hatchery Water Supply Pipeline
Chapman Welding, preparing for the installation of the Baker Coupling.**

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Mid-Pacific Regional Office

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Contract No. R16PC00091
Specification No. 20-C0843
North Fork Screens and Ladder Completion Contract - Battle Creek Salmon and Steelhead Restoration Project, California
TNT Industrial Contractors, Inc., Sacramento, CA

Work Performed	May	0.0%
	Time Elapsed	46.5%
	Work Completed	2.8%
Contractor Earnings	May	\$0.00
	Previous	\$150,698.00
	Total to Date	\$150,698.00

Area Office Project Management

Project Manager: Mary Marshall, MP-203

Office Engineering

Contract Administrator: Casandra Arthur, MPCO-111

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Jason Foust, MPCO-325

Number of Contractor Employees: 0

Work Performed

On the last day of May, TNT Industrial Contractors performed required environmental, PG&E, and safety program training in the morning and then began mobilization and clearing activities, in the form of weed eating, throughout the afternoon. No ground disturbing activities commenced this month as the project has not yet been assigned a WDID.

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North Fork Screens and Ladder Completion Contract
An image of the contractor mobilizing to the site

Contracts in Warranty Status

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R11PC20185 No. 20-C0778 Tracy 13.8kV Switchgear/Breaker Replacement – Tracy Pumping Plant and Substation - Delta Division, Central Valley Project, California

Office Engineering along with the Contracting Officer sent correspondence to Contra Costa Electric, Inc. requesting a warranty repair for the B15 DFR after it was found that it was not functioning properly. After the warranty work has been performed the warranty will be extended to reflect this repair. The 1-year warranty period began June 22, 2016 and will end June 21, 2017.

R13PC20508 20-C0788 San Luis Demonstration Treatment Plant - San Luis Unit, West San Joaquin Division, Central Valley Project, California:

There was no Office Engineering Administrative activity this period. The 1-year warranty period began June 30, 2016 and will end June 29, 2017.

R13PC20159 No. 20-C0819 Lake Berryessa Concessions Areas Improvements – Lake Berryessa, Solano Project, California

There was no Office Engineering Administrative activity this period. The 1-year warranty period began on March 31, 2017 and will end March 30, 2018.

R15PC00132 No. 20-C0845 Lake Berryessa Putah Canyon Drinking Water Well - Lake Berryessa, Solano Project, California

There was no Office Engineering Administrative activity this period. The 1-year warranty period began August 27, 2016 and will end August 26, 2017.

R16PC00061 No. 20-C0849 Eastside Bypass Low Flow Conveyance - San Joaquin River Restoration Program - Friant Division, Central Valley Project, California

There was no Office Engineering Administrative activity this period. The 1-year warranty period began August 15, 2016 and will end August 14, 2017.

R16PC00079 No. 20-C0851 Red Bluff Flap Gate Retrofit - Sacramento Canals Unit, Sacramento River Division, Central Valley Project, California

There was no Office Engineering Administrative activity this period. The 1-year warranty period began on March 16, 2017 and will end March 15, 2018.

R11PC2023S None Red Bluff Diversion Dam, Fish Passage Improvement Project Terrestrial Mitigation - Sacramento River Division, Central Valley Project, California

There was no Office Engineering Administrative activity this period. The 1-year warranty period began on December 31, 2016 and will end December 30, 2017.

R16PC00099 None Folsom Dam Resource Building Replacement - Folsom Unit, American River Division, Central Valley Project, California

Final As-built Drawings were submitted for review this period. The 1-year warranty period began on February 14, 2017 and will end February 13, 2018.

**R16PC00100 None Lake Woollomes Recreation Area Asphalt Replacement -
Central Valley Project, California**

Correspondence was sent to the contractor on May 23, 2017, establishing April 26, 2017 as the substantial completion date. The 1-year warranty period began on April 26, 2017 and will end April 25, 2018.