

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

March 2017

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CONSTRUCTION PROGRESS REPORT (L-29)
MID-PACIFIC CONSTRUCTION OFFICE
MID-PACIFIC REGION
MARCH 2017

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Mid-Pacific Region

Revised January 7, 2008

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STAFFING

MID-PACIFIC CONSTRUCTION OFFICE

The Mid-Pacific Construction Office had 37 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 | March | 0.0% |
| | Time Elapsed | 100.0% |
| | Work Completed | 100.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$20,610,792.74 |
| | Total to Date | \$20,610,792.74 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$16,398.00 |
| | 2 nd Quarter Expenditures | \$13,405.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$29,803.00 |
| | FY17 Budgeted | \$44,435.00 |
| | Amount Remaining | \$14,632.00 |
| | Percent Remaining | 32.9% |

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 | March | 0.9% |
| | Time Elapsed | 80.6% |
| | Work Completed | 77.1% |
| Contractor Earnings | March | \$59,100.00 |
| | Previous | \$7,988,908.49 |
| | Total to Date | \$8,048,008.49 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$67,874.00 |
| | 2 nd Quarter Expenditures | \$36,899.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$104,773.00 |
| | FY17 Budgeted | \$370,100.00 |
| | Amount Remaining | \$265,327.00 |
| | Percent Remaining | 71.7% |

Area Office Project Management

Project Manager: Jonathan Rogado, MP-250

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice No. 21, in the amount of \$59,100.00, was received for work performed from February 1, 2017 to February 28, 2017.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Michael Manlick, MPCO-313

Number of Contractor Employees: 3

Work Performed

Alltech Engineering was largely offsite this month because of contractual restrictions on work during the rainy season. During the days onsite, they performed housekeeping work.

Contract No. R13PC20159
Specification No. 20-C0819
Lake Berryessa Concessions Areas Improvements – Lake
Berryessa, Solano Project, California
G.D. Nielson Construction, Inc., Napa, CA

| | | |
|------------------------|--------------------------------------|--------------|
| Work Performed | March | 0.0% |
| | Time Elapsed | 100% |
| | Work Completed | 100% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$888,964.44 |
| | Total to Date | \$888,964.44 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$54,601.00 |
| | 2 nd Quarter Expenditures | \$10,028.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$64,629.00 |
| | FY17 Budgeted | \$72,910.00 |
| | Amount Remaining | \$8,281.00 |
| | Percent Remaining | 11.4% |

Area Office Project Management

Project Manager: Peter Funkhouser, CC-440

Office Engineering

Contract Manager: Larry Bowman, MPCO-240

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Dennis Schuenemann, MPCO-338

Number of Contractor Employees: 3

Work Performed

Subcontractor Morgan Fence Company, Inc. completed installation of the security fence surrounding the water tanks on the top of the hill. The crew completed the excavation of the hand dug holes for fence posts. The crew also mixed bagged premix concrete in a wheel barrow and added Quik-Rok, a cement additive to accelerate setting times. They completed the posts placement with the concrete. They then cleaned up the site and started cutting the top of the fence posts to the correct height for placement of the top rail.

The Contractor removed the water spigots and replaced them with a cap that allowed air to bleed from the water line. They started filling the tanks and lines by running the pump in the well.

G.D. Nielson crew filled the tanks half full and bled the air out of the water lines by filling them with water. They tightened the caps on the lines, then pressure tested the line to 120 psi for ten minutes. The lines held this pressure without any drop in pressure.

The crew started chlorinating the system and started testing the floats in the tanks. They will be setting up the chlorinating system for operation and start the county testing.

The Contractor completed filling the water tanks. When the tanks were full, the system did not shut off automatically. The water had to be shut off at the pump. The Contractor then started draining the water out at each spigot until the water sample test results indicated the system had the correct amount of chlorine required. Contractor plans on draining the system and filling it with well water only. The Contractor will wait the required 24 hours then sample the water and have it retested.

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 | March | 5.2% |
| | Time Elapsed | 75.5% |
| | Work Completed | 9.6% |
| 0 | | |
| Contractor Earnings | March | \$171,000.00 |
| | Previous | \$137,731.00 |
| | Total to Date | \$308,731.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$47,610.00 |
| | 2 nd Quarter Expenditures | \$80,006.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$127,616.00 |
| | FY17 Budgeted | \$217,195.00 |
| | Amount Remaining | \$89,579.00 |
| | Percent Remaining | 41.2% |

Area Office Project Management

Project Manager: Vanhue Ly, CC-606B

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317

Number of Contractor Employees: 12

Work Performed

The Contractor completed building a wood platform for the temporary switchgear. Contractor electricians began installing the terminal ends on the temporary cables from the existing switchgear (UHA) to the temporary switchgear. The Contractor also began installing the temporary switchgear, wiring the cabinets, and landing the temporary cables from the existing switchgear. The grounding wires were installed for both the new and temporary switchgear equipment and connected to the existing ground wires for the UHA switchgear. The Contractor completed excavating for the new concrete slab and compacting the subgrade. The water line under the paved road adjacent to the foundation was located and repaired. The backfill for the foundation was placed and compacted sufficiently prior to concrete placement.

The Contractor began and completed core drilling into the tunnel. New conduits were installed at all locations prior to backfill placement. The backfill around the conduits was compacted sufficiently prior to concrete placement. Compaction verification was performed by subcontractor MPE as well as Reclamation. The Contractor formed and placed the first segment of the new slab for the new switchgear and control building. Concrete was provided by A&A Concrete and pumped to the placement by Dupzyk Pumping. All of the required reinforcing steel was supplied and installed by subcontractor Camlin with help from the Contractor prior to the concrete placement. Concrete test cylinders were prepared by subcontractor MPE as well as Reclamation.

The Contractor repaired the severed ground cable to the WAPA antenna tower outside of the WAPA control building. Pictures of the CAD weld repair were provided to WAPA. The Contractor setup a temporary power supply to the office trailer from the WAPA building.

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 | March | 0.0% |
| | Time Elapsed | 44% |
| | Work Completed | 0.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$0.00 |
| | Total to Date | \$0.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$14,891.00 |
| | 2 nd Quarter Expenditures | \$1,173.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$16,064.00 |
| | FY17 Budgeted | \$81,205.00 |
| | Amount Remaining | \$65,141.00 |
| | Percent Remaining | 80.2% |

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.

Contract No. R16PC00099
Specification No. None
Folsom Dam Resource Building Replacement - Folsom Unit,
American River Division, Central Valley Project, California
Chigosi Company, San Diego, CA

| | | |
|------------------------|--------------------------------------|--------------|
| Work Performed | March | 3.5% |
| | Time Elapsed | 97.5% |
| | Work Completed | 98.6% |
| Contractor Earnings | March | \$13,626.78 |
| | Previous | \$367,207.15 |
| | Total to Date | \$380,833.93 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$65,830.00 |
| | 2 nd Quarter Expenditures | \$50,359.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$116,189.00 |
| | FY17 Budgeted | \$134,581.00 |
| | Amount Remaining | \$18,392.00 |
| | Percent Remaining | 13.7% |

Area Office Project Management

Project Manager: Mark Lewis, CC-641

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

Invoice No. 06, in the amount of \$13,626.78, was received for work performed from February 18, 2017 to March 10, 2017.

Modification No. 001 was executed for the covered walkway extension and door replacement work. Modification No. 001 also extended the contract end date through March 15, 2017.

Field Engineering

Construction Manager: Reynaldo Garcia, MPCO-310

Construction Representative: Sean Frische, MPCO-317

Number of Contractor Employees: 2

Work Performed

Subcontractor DKW completed the installation of the covered walkway extension, including raising two of the existing support posts, installing two new support posts, installing new standing seam roof panels, and the new gutter. The new gutter did not match the existing gutter and, therefore, was not accepted. The section of the gutter that was not accepted will be replaced next month. Chigosi will obtain new matching gutter materials and install the new gutter after they are received. The Contractor will need to return to complete the punch list work and repair a few minor leaks in the roof of the new canopy section. The subcontractor completed site cleanup and demobilization.



**Folsom Dam Resource Building Replacement
A view of the newly installed canopy extension**

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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 | March | 0.0% |
| | Time Elapsed | 100% |
| | Work Completed | 69.3% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$493,104.25 |
| | Total to Date | \$493,104.25 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$60,645.00 |
| | 2 nd Quarter Expenditures | \$24,020.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$84,665.00 |
| | FY17 Budgeted | \$114,320.00 |
| | Amount Remaining | \$29,655.00 |
| | Percent Remaining | 25.9% |

MPCO noncontract costs include project management costs.

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: 0

Work Performed

Subcontractor laborers made warranty repairs to the magnetic flowmeter vault in an attempt to keep perched groundwater from intruding. Concrete patch was broken out of the annular space between the sewer pipe and hole cored on the downstream side of the manhole barrel, where the pipe penetration exists. New concrete slurry was placed in the annular space and was allowed to set. No new groundwater intrusion was observed at the time of these repairs. Approximately two weeks later, groundwater had seeped into the vault again and additional repairs were completed in a similar manner.



**Klamath Basin Area Office Sewer Lift Station
The Subcontractor making warranty repairs on the vault.**



Klamath Basin Area Office Sewer Lift Station
A view of the vault where water was found to be seeping.



Klamath Basin Area Office Sewer Lift Station
A view of the vault where water was found to be seeping two weeks after the warranty repairs were made.

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 | March | 0.0% |
| | Time Elapsed | 34.0% |
| | Work Completed | 18.1% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$3,938,185.72 |
| | Total to Date | \$3,938,185.72 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$167,472.00 |
| | 2 nd Quarter Expenditures | \$106,414.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$273,886.00 |
| | FY17 Budgeted | \$1,110,043.00 |
| | Amount Remaining | \$836,157.00 |
| | Percent Remaining | 75.3% |

Area Office Project Management

Project Manager: Todd Hill, MP-240

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Modification No. 0008 - Foundation Excavation, was executed March 7, 2017, in the amount of \$34,179.00.

Modification No. 0009 - Snow Removal, was executed March 22, 2017, in the amount of \$60,000.00.

Field Engineering

Construction Manager: Kyle Hughes, MPCO-324

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

Number of Contractor Employees: 7

Work Performed

Contractor began and completed snow removal work on Stampede Meadows Road to gain access to the project site and office trailers. The primary purpose for the early mobilization is to construct the earthfill cofferdam while the lake is still below the spill elevation.

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Northern California Area Office

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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 | March | 0.0% |
| | Time Elapsed | 100% |
| | Work Completed | 96.2% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$1,774,786.25 |
| | Total to Date | \$1,774,785.25 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$40,977.00 |
| | 2 nd Quarter Expenditures | \$14,648.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$55,625.00 |
| | FY17 Budgeted | \$109,885.00 |
| | Amount Remaining | \$54,260.00 |
| | Percent Remaining | 49.4% |

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and responded to the contractor's Notice of Differing Site Conditions concerning excessive sediment in the screen guides.

Reviewed and discussed the TSC technical response to the contractor's Request for Information No. 29 that is associated with Reclamation's Request for Proposal No. 0001.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 0

Work Performed

CSG Project Manager and Subcontractor Bullert Electrical were onsite to collect information regarding electrical installation to provide response to RFP-001. No other activities 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 | March | 25.1% |
| | Time Elapsed | 49.9% |
| | Work Completed | 55.9% |
| Contractor Earnings | March | \$3,341,193.20 |
| | Previous | \$4,104,631.43 |
| | Total to Date | \$7,445,824.63 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$128,076.00 |
| | 2 nd Quarter Expenditures | \$170,876.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$298,952.00 |
| | FY17 Budgeted | \$375,575.00 |
| | Amount Remaining | \$76,623.00 |
| | Percent Remaining | 20.4% |

Area Office Project Management

Project Manager: Joe Ascoli, NC-650

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Invoice No. 03, in the amount of \$3,341,193.20, covering December 1, 2016 to February 28, 2017, was received this period.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Stephen Holmes, MPCO-320

Number of Contractor Employees: 20

Work Performed

On March 3, 2017, after the Contractor removed the stator bore work platform, Unit 1 was turned over to Reclamation at 1430 for reassembly (Note: Unit 1 was to be turned over on February 28, 2017.). The final rotor roundness was checked using the FARO laser and previously established measurement monuments. Three shots were taken on each of the 36 rotor poles: top, middle, and bottom and recorded. The plot shows the roundness average to be less than 0.001”.

The connection insulation and the three areas which were sanded on each pole for the laser check were painted with red Glyptal. Ohm resistance was checked on each of the rotor poles and recorded. After the crew completed cleaning the upper connection area, the Inspector performed an inspection and accepted the cleanliness. The crew disassembled the work platform and the scaffolding used to support it on top of the bottom work platform.

Each phase of the armature winding was meggered individually at 5 kV for 30 seconds. The gigohms were recorded showing that it was acceptable to proceed with the AC hi-pot. One stator winding RTD has an issue and is not functional, SPARE 1 - Slot 86. After the AC hi-pot test in which the end of the Phase C bus section had to be removed to pass the test, the contractor decided to remove Phases A and B also. The contractor crated and shipped the three sections of bus and the insulator assemblies they were bolted to. The manufacturer will reinsulate then test at the required test voltage of 28.6 kVAC for one minute and have the tests certified. After the stator bore was cleaned and the slot numbers stenciled the work platform and staircase were removed using the bridge crane. The Contractor received the three sections of bus which were removed and sent to the manufacturer for testing since one section failed during the AC hi-pot test. The Phase A section has a small pin hole in the factory installed shrink wrap insulation, and indentions in the insulation on Phases A and C. The Contractor replaced the 2-foot sections of main bus on Phases A and C. The superintendent and electrician tested the stator core and winding RTDs, meggered at 1 kVDC each and 1500 AC 1 minute each, then checked the ohm resistance. The electrician laid down all 27, 4 wire with shield, stator winding RTDs which were lifted for testing yesterday.

The Contractor's crew removed the generator work platform from the power plant bay, and stored the two separate pieces in front of the Contractor's crew trailer.

Winders attached rubber gasket material to the top and one side of the 12 fiberglass drive end winding shrouds with contact glue. The winders then assisted two Reclamation mechanics with assembling the shrouds and setting them to height. There is a four inch wide fiberglass band that will be raised in the front after the rotor has been set, leaving a one inch gap between the two.

The Contractor began installation of the high pressure lift system piping which will run from the thrust tub ('H' beam), across the air housing, through the exterior wall and to the thrust pump previously mounted. Today the crew started installation of the three stainless steel tubing lines. There is a single one-inch suction, and two ¾-inch relief and supply lines. All connections were made with 'Swedge Locks'

The crew had to mount tube brackets on a steel plate which was welded to the webbing of the 'H' beam. The Contractor completed installation of the remaining thrust bearing high pressure lift tubing.

A winder and electrician organized the spare parts to be turned over to Reclamation. After looking at the list, parts, and the specifications the Inspector made notes and informed the superintendent that he was missing some components and how to properly make a turn over list.

The crew performed demobilizing, cleaning the plant, and packing miscellaneous tools and parts. A winder and electrician organized the Unit 2 miscellaneous parts on the shelves between Unit 1 and Unit 2. The Contractor inventoried and stored tools, packed equipment and organized the storage connexes.

The Contractor modified the existing protective cage sections around the main and neutral bus as the new support system for the main and neutral bus CTs is larger than the previous. The new bracket now comes up to the edge of the air coolers on both sides which does not give enough room to install the screens and have enough of an air gap between the screen and buswork. The crew touched up the white coatings on areas which were damaged when the new support brackets were welded on or the old brackets were cut.

Two of the Contractor's engineers performed contractual tests on the main and neutral bus current transformers (CTs) located in the unit air housing.

Contract No. R16PC00079
Specification No. 20-C0851
Red Bluff Flap Gate Retrofit - Sacramento Canals Unit,
Sacramento River Division, Central Valley Project, California
E.C. Smith, Inc., Anderson, CA

| | | |
|------------------------|--------------------------------------|--------------|
| Work Performed | March | 0.0% |
| | Time Elapsed | 100% |
| | Work Completed | 98.5% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$436,270.00 |
| | Total to Date | \$436,270.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$15,614.00 |
| | 2 nd Quarter Expenditures | \$33,966.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$49,580.00 |
| | FY17 Budgeted | \$92,800.00 |
| | Amount Remaining | \$43,220.00 |
| | Percent Remaining | 46.6% |

MPCO noncontract costs include all Red Bluff contracts noncontract costs.

Area Office Project Management

Project Manager: John Menniti, MPCO-110

Office Engineering

Contract Administrator: Amber Pierce, MPCO-205

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: David B. Derk, MPCO-334.

Number of Contractor Employees: 7

Work Performed

The Contractor completed the slam testing and took the final measurements of the upstream face on all nine gates. The contractor then demobilized all equipment from the site.

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 | March | 0.0% |
| | Time Elapsed | 41.9% |
| | Work Completed | 0.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$0.00 |
| | Total to Date | \$0.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$2,303.00 |
| | 2 nd Quarter Expenditures | \$5,508.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$7,811.00 |
| | FY17 Budgeted | \$110,830.00 |
| | Amount Remaining | \$103,019.00 |
| | Percent Remaining | 92.9% |

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: David B. Derk, MPCO-334

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 | March | 0.0% |
| | Time Elapsed | 77% |
| | Work Completed | 0.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$0.00 |
| | Total to Date | \$0.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$6,400.00 |
| | 2 nd Quarter Expenditures | \$1,663.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$8,063.00 |
| | FY17 Budgeted | \$26,600.00 |
| | Amount Remaining | \$18,537.00 |
| | Percent Remaining | 69.7% |

Area Office Project Management

Project Manager: Hank Harrington, NC-210

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Letter of Concern was prepared and processed requesting the Contractor's plan of action to get the project back on schedule.

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.

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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, Anderson, CA

| | | |
|------------------------|--------------------------------------|-------------|
| Work Performed | March | 0.0% |
| | Time Elapsed | 30.8% |
| | Work Completed | 0.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$0.00 |
| | Total to Date | \$0.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$2,853.00 |
| | 2 nd Quarter Expenditures | \$5,935.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$8,788.00 |
| | FY17 Budgeted | \$30,473.00 |
| | Amount Remaining | \$21,685.00 |
| | Percent Remaining | 71.2% |

Area Office Project Management

Project Manager: William Dutton, TO-435

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

Field Engineering

Construction Manager: Stephen Holmes, MPCO-320

Construction Representative: David Derk, MPCO-334

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this period.

Contract No. R16PC00100
Specification No. None
Lake Woollomes Recreation Area Asphalt Replacement - Central Valley Project, California
Construction Solutions Group, LLC, St. Louis, MO

| | | |
|------------------------|--------------------------------------|-------------|
| Work Performed | March | 0.0% |
| | Time Elapsed | 89% |
| | Work Completed | 0.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$0.00 |
| | Total to Date | \$0.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$4,342.00 |
| | 2 nd Quarter Expenditures | \$1,638.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$5,980.00 |
| | FY17 Budgeted | \$24,610.00 |
| | Amount Remaining | \$18,630.00 |
| | Percent Remaining | 75.7% |

Area Office Project Management

Project Manager: Jason Kirby, SCC-452

Office Engineering

Contract Manager: Kent Perkes, MPCO-225

Reviewed and responded to Contractor request for material price increase. After correspondence, Contractor will honor the original bid price.

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Number of Contractor Employees: 0

Work Performed

No onsite work was performed during this period.

San Joaquin River Restoration Program

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

| | | |
|------------------------|--------------------------------------|--------------|
| Work Performed | March | 0.0% |
| | Time Elapsed | 61.3% |
| | Work Completed | 0.0% |
| Contractor Earnings | March | \$0.00 |
| | Previous | \$16,317.00 |
| | Total to Date | \$16,317.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$9,273.00 |
| | 2 nd Quarter Expenditures | \$25,662.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$34,935.00 |
| | FY17 Budgeted | \$151,815.00 |
| | Amount Remaining | \$116,880.00 |
| | Percent Remaining | 76.9% |

Area Office Project Management

Project Manager: Adam Nickels, MP-170

Office Engineering

Contract Administrator: Larry Bowman, MPCO-240

Field Engineering

Construction Engineer: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 2

Work Activities:

The Subcontractor Wildlife Control Technology was onsite and conducted the monitoring survey for cliff swallows. Subcontractor American Crane was onsite to inspect the access bridge, also to check the access route to determine the best equipment to use for the delivery of the Fixed Cone Valve.

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

| | | |
|------------------------|--------------------------------------|--------------|
| Work Performed | March | 0.0% |
| | Time Elapsed | 66.3% |
| | Work Completed | 22.0% |
| Contractor Earnings | March | \$262,001.27 |
| | Previous | \$11,983.00 |
| | Total to Date | \$273,984.27 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$31,452.00 |
| | 2 nd Quarter Expenditures | \$126,106.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$157,558.00 |
| | FY17 Budgeted | \$183,730.00 |
| | Amount Remaining | \$26,172.00 |
| | Percent Remaining | 14.2% |

Area Office Project Management

Project Manager: Adam Nickels, MP-170

Office Engineering

Contract Manager: Amber Pierce, MPCO-205

Invoice No. 02, in the amount of \$262,001.27, was received this period for work performed during the month of February 2017.

Modification No. 001 - Vault Repair was executed on March 16, 2017, in the amount of \$300,000.00

Field Engineering

Construction Manager: Brian Wagner, MPCO-300

Construction Representative: Fernando Pavone, MPCO-333

Number of Contractor Employees: 17

Work Performed

The Contractor continued using the 2-inch electric sump pump to control and remove any of the water leaking from the existing vault. The Contractor, after the installation of the soil nails, continued checking the established points on the OCID building to see if there had been any building movement. No movement of the building had occurred during the testing over a few days. Contractor installed the new DeZurik 18-inch butterfly valves at penstocks one and two. The crew then field tested each valve by opening and closing it three times. After the testing was completed, the crew placed a blind flange over the valve. Contractor crew also worked at the new discharge vault installing the reinforcement, formwork, and placing the concrete. Contractor crew was assisted by subcontractor Technicon and Allied Pumping with the concrete placement for the vault. Contractor also performed demolition of the existing 24-inch pipeline. The crew removed the pipeline from approximate station 0+50 to 2+00. The pipe was wrapped and transported to the staging yard for proper disposal. Subcontractor AC Electric removed the 3-inch conduit located at the top of the existing 24-inch pipeline. The crew installed temporary wires to provide the signal back to the controls. Contractor demolished the existing 24-inch diameter pipeline pipe support columns since the pipeline was removed this reporting period. The Contractor then worked on laying out the location for the new 30-inch diameter pipeline, along with laying out the location for the new mounting brackets. The crew saw cut the concrete in preparation for the new columns. The crew drilled and installed anchor bars on each of the columns located at approximate stations 1+30, 1+56, and 1+82. Pull out testing was conducted on each of the columns. The crew formed each of the columns, and the columns were ready for concrete placement.



**San Joaquin Hatchery Water Supply Pipeline
The Contractor installing reinforcement for Column No. 1.**



**San Joaquin Hatchery Water Supply Pipeline
Contractor removing the form work for the new discharge vault.**

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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 | March | 0.0% |
| | Time Elapsed | 36.6% |
| | Work Completed | 2.8% |
| Contractor Earnings | March | \$15,000.00 |
| | Previous | \$135,698.00 |
| | Total to Date | \$150,698.00 |
| MPCO Noncontract Costs | 1 st Quarter Expenditures | \$48,230.00 |
| | 2 nd Quarter Expenditures | \$65,569.00 |
| | 3 rd Quarter Expenditures | \$0.00 |
| | 4 th Quarter Expenditures | \$0.00 |
| | FY17 Cumulative Total | \$113,799.00 |
| | FY17 Budgeted | \$517,570.00 |
| | Amount Remaining | \$403,771.00 |
| | Percent Remaining | 78.0% |

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

No onsite work was performed during this period.

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Contracts in Warranty Status

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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.

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

There was no Office Engineering Administrative activity this period. The 1-year warranty period began June 22, 2016 and will end June 21, 2017.

R15PC00041 No. 20-C0827 Keswick Powerplant Main Bus Replacement - Shasta Division, Central Valley Project, California

There was no Office Engineering Administration activity during this period. The 1-year warranty period began April 4, 2016 and will end April 3, 2017.

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.

R15PC00150 No. 20-C0824 Trinity Dam Intake Mechanical Equipment Refurbishment/Gate Shaft Refurbishing, Phase I – Trinity River Division, Central Valley Project, California

There was no Office Engineering Administrative activity this period. The 1-year warranty period began on December 6, 2016 and will end December 5, 2017.

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.

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