

MPCO-626
PRJ-2.00

MEMORANDUM

To: Director, Management Services, Denver, CO
Attn: 86-68160

From: Lauren B. Carly
Acting Construction Engineer, Willows, CA

Subject: Construction Progress Report (L-29) for August 2007 - Mid-Pacific
Region Construction Projects - California, Nevada, and Oregon

One copy of the Construction Progress Report for August 2007 is attached for your records. A copy of the report will be available at the MP Construction Office Intranet Web site to view or download for the convenience of those who wish to read the report and do not receive a hard copy. An e-mailed version will only be sent to the webteam division to load the report onto the Intranet.

Instructions for retrieving the report from the Intranet Web site are as follows: In Netscape, select the Location section at the top of the screen and enter "<http://intra.mp.usbr.gov/mpco/index.html>." Go to the Documents/Reports section, and then select the report you wish to view or download. The information can be viewed and/or downloaded using Adobe Acrobat. Please allow approximately 1 week from your receipt of this memorandum to allow time to load the information onto the Web site.

Attachment

cc: 96-42020 (Wallace) (ea w/att)
86-68120, 86-68130, 86-68140, 86-68170, 86-68180, 86-68300, 86-68410,
86-68420, 86-68430, and 86-68440 (ea w/o att)
MP-115, 200, 220, 400, 700, 3200, 3810 (ea w/o att)
MP-3730 (Central Files), 3730 (Library) (ea w/att)
KO-100, (w/o att)
LO-100, 400 (ea w/o att)
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C:\Documents and Settings\My Documents\L-29\August 2007

RECLAMATION

Managing Water in the West

MP CONSTRUCTION OFFICE

Construction Progress Report – L29

Willows, California



Contractor is performing a load test on the 165-ton Sumitomo crane using the 60,000lb counter weight from the 165-ton American crane.

"Doing It Right from the Start"



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

August 2007

CONSTRUCTION PROGRESS REPORT (L-29)
MP CONSTRUCTION OFFICE
MID-PACIFIC REGION
August 2007

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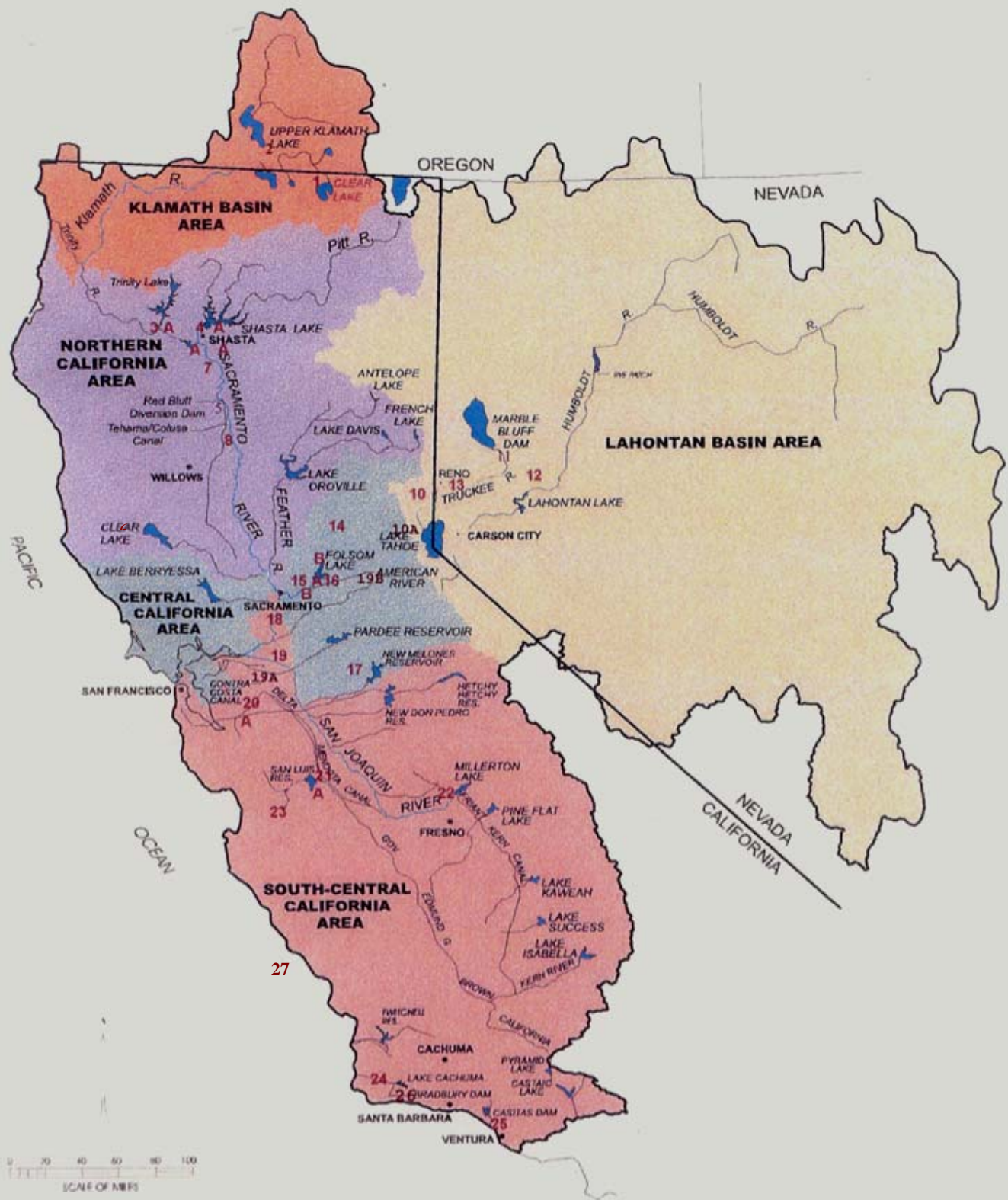
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* Substantially Complete/Closing Out



Mid-Pacific Region U.S. BUREAU OF RECLAMATION

STAFFING - MP CONSTRUCTION OFFICE

The MP Construction Office had 46 construction and administrative employees at the close of this month as follows:

Construction Engineer's Office	6
Administrative Management	10
Division of Field Engineering	21
Division of Office Engineering	11

STAFFING - CONTRACTORS

Contractors employed 79 workers this month to perform onsite activities, as reported under each contract.

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

	<u>MEANING</u>
ABS	Acrylonitrile butadiene styrene
ac	Alternating current
ACP	Asbestos cement pipe
ADA	Americans with Disabilities Act
AGMS	Air gap monitoring system
AWWA	American Water Works Association
BCI	Boise Cascade “I” (joists)
CA	Contract Administrator
Caltrans	California Department of Transportation
CLSM	Controlled low-strength material
CMP	Corrugated metal pipe
CCAO	Central California Area Office
CCID	Central California Irrigation District
cfs	Cubic feet per second
CMWD	Casitas Municipal Water District
CO	Contracting Officer
CO ₂	Carbon dioxide
COPS	Conservator oil preservation system
COR	Contracting Officer’s Representative
CQC	Contractor quality control
CS&V	Contract Summary and Voucher
CT	Current transformer
CVACS	Central Valley Automated Control System
CVO	Central Valley Operations Office
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act
cy	Cubic yard(s)
dc	Direct current
dba	Doing business as...
DFG	California Department of Fish and Game
DFT	Dry-film thickness
DRB	Dispute Resolution Board
DRM	Dispute Resolution Mediator (or Mediation)
DSC	Differing site condition
El.	Elevation
EMT	Emergency Medical Technician
ESRP	Endangered Species Recovery Program
FAD	Finance and Accounting Division (Denver Office)
FIST	Facilities Industry Standards and Techniques
FMR	Field Modification Request
FOIA	Freedom of Information Act
FWS	U.S. Fish and Wildlife Service
FY	Fiscal year
g	Gravity or acceleration of gravity
GCID	Glenn-Colusa Irrigation District

GFCI	Ground-fault circuit interrupter
GFM	Government-furnished material
Gpm	Gallons per minute
GRC	Galvanized rigid conduit
HDPE	High-density polyethylene
hp	Horsepower
HVAC	Heating, ventilation, and air conditioning
IDIQ	Indefinite Delivery, Indefinite Quantity
IGCE	Independent Government Cost Estimate
JHA or JSA	Job Hazard Analysis (or Job Safety Analysis)
JICO	Justification for Issuance of Change Order
KBAO	Klamath Basin Area Office
kV	Kilovolt
kVA	Kilovoltampere
L-29	Construction Progress Report
LAB	Low-ampere bus
LAD	Low-ampere duct
LBAO	Lahontan Basin Area Office
LCD	Liquid crystal display
lf	Linear foot/feet
LHM	List of Hazardous Materials
M&I	Municipal and Industrial
MCB	Motor control board
MCC	Motor control center
M.C.M.	Thousand circular mils (size of a conductor)
MPCO	Mid-Pacific Construction Office
MP	Mid-Pacific Regional Office
MSA	Maximum-size aggregate
MSDS	Material safety data sheet
MTW	Machine-tooled wire
MVAR	Megavar
MW	Megawatt
NCAO	Northern California Area Office
NTP	Notice to Proceed
O&M	Operations and maintenance
OG	Original ground (surface)
OGR	Onsite Government Representative
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated biphenyl
PCWA	Placer County Water Agency
PE	(Registered) Professional Engineer
PG&E	Pacific Gas and Electric Company
pH	Potential hydrogen
PI	Point of intersect

PLC	Programmable logic controller
PM	Prenegotiation Memorandum
ppm	Parts per million
psi	Pounds per square inch
PT	Point of transect
PVC	Polyvinyl chloride
Q/A	Quality assurance
Q/C	Quality control
RAX	Replacement/additions/extraordinary maintenance
RCC	Roller-compacted concrete
RCP	Reinforced concrete pipe
RE	Registered Engineer
REA	Request for equitable adjustment
rebar	Reinforcing steel bar
RFC	Request for change
RFI	Request for information
RFM	Request for modification
RFP	Request for proposal
RIF	Radio infrastructure frequency
ROV	Remotely operated vehicle
ROW	River outlet works
RPM	Revolutions per minute
RSC	Reclamation Service Center (Denver, Colorado)
RSN	Required submittal number
RTD	Resistance temperature detector
rw	Right of way
SBA	Small Business Administration
SCADA	Supervisory Control Administrative Data Acquisition
SCCAO	South-Central California Area Office
SIS	Switchboard wire
SLDMWA	San Luis/Delta-Mendota Water Authority
SOP	Standard Operating Procedure
SPCC	Sill Prevention Control and Countermeasures (Plan)
SSLE	Safety, Security, and Law Enforcement Division (Denver Office)
SWPPP	Storm Water Pollution Prevention Plan
TBD	To be determined
TCID	Truckee-Carson Irrigation District
TSC	Technical Service Center (Denver Office)
TTR	Transformer turn ratio
V	Volt
VECP	Value Engineering Change Proposal
WSRCD	Western Shasta Resource Conservation District
yd ³	Cubic yards

CENTRAL CALIFORNIA AREA OFFICE

Specifications No. - (There is no specifications number for this contract.)

Contract No. 05SC201106

Folsom Security Upgrade, Folsom Dam and Powerplant, CVP, CA

Adesta, LLC, Omaha, NE, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	2%
Contractor Earnings:	August	\$0.00
	Previous	\$112,991.75
	Total to Date	\$112,991.75

Area Office

Project Manager: Jay Emani

Office Engineering

Contract Administrator: Kevin Jacobs. Noting to report this period.

The NTP for Construction will not be issued until the design is finished, all design deliverables are submitted and accepted, and the permit to work is issued by the CCAO. Several issues are currently outstanding that prevent issuance of NTP for Construction.

We have received the 100% design from the contract

REA for increased design costs was received. Responded that REA was not sufficient for us to evaluate because it used the total cost approach assuming all costs to be the Governments cost.

Field Engineering

Field Engineer: Matt Sheskier

OGR: Sean Frische

Number of Contractor Employees: 0

Onsite construction has not begun.

Specification Nos. 20-C0577A and 20-C0577B
Contract No. 03CC200018
American River Pump Station Project, CVP, CA
Steve Manning Construction, Inc., Redding, CA, Contractor

Work Performed:	August	%
	Time Elapsed	*100%
	Work Completed	89%
Contractor Earnings:	August	\$0.00
	Previous	\$17,365,323.69
	Total to Date	\$17,365,323.69

Area Office

Project Manager: Drew Lessard

Office Engineering:

Contract Administrator: Walter Shaw/Larry Kyes

No Pay Estimate was received, for the month. Modification No. 093 was issued on August 1, 2007, which raised the cost limitation of Modification No. 091, General System Application Programming Changes. Modification No. 094 was issued on August 31, 2007, which definitized Modification No. 091 and No. 093, General System Application Programming Changes.

Negotiations to definitize other unilateral modifications are ongoing.

Field Engineering:

Field Engineer: Matt Sheskier

OGR: Robert Meador

Number of Contractor Employees: 0

No Field Engineering information reported this period.

Specifications No. 20-C0595

Contract No. 04CC200015

New Melones Replacement Runners and Turbine Overhaul, CVP, CA

GE Hydro Power, Inc., Lachine, Quebec, Canada, Contractor

Work Performed:	August	
	Time Elapsed	99%
	Work Completed	91%

Contractor Earnings:	August	\$0.00
	Previous	\$9,290,397.42
	Total to Date	\$9,290,397.42

Area Office

Project Manager: Jesse Castro / Brain Zewe

Office Engineering

Contract Administrator: Joshua Stuart

Modification No. 043, was sent to the contractor, on August 17, 2007, for their signature. This modification will incorporate a cost credit to the Government in the amount of (\$28,600.00) for liquidated damages.

Unit No. 1 was accepted as Substantially Complete July 23, 2005. The 2-year warranty on the runner and runner cone against excessive cavitation or pitting began July 24, 2005, and will expire July 24, 2007. The 1-year construction warranty began July 24, 2005, and expired July 24, 2006.

Unit No. 2 was accepted as Substantially Complete June 29, 2007. The 2-year warranty on the runner and runner cone against excessive cavitation or pitting began June 29, 2007, and will expire June 29, 2009. The 1-year construction warranty began June 29, 2007, and expired June 29, 2007.

Field Engineering

Field Engineer: Richard Welsh

OGR: Ronald Dixon

Number of Contractor Employees: 5

Specifications No. 20-C0654

Contract No. 06CC201014

American River Pump Station, Phase II-River Intake Structure, CVP, CA,

Ford Construction Company, Inc., Lodi, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	68.2%
	Work Completed	87.6%
Contractor Earnings:	August	\$2,331,809.03
		26,044,548.36
	Total to Date	\$28,376,357.39

Area Office

Project Manager: Drew Lessard

Office Engineering

Contract Administrator: Erik Danger

Pay Estimate No. 10 was received, approved, and forwarded to the FAD August 08, 2007. See the attached CS&V.

Pay Estimate No. 11 was received, approved, and forwarded to the FAD August 31, 2007. See attached CS&V.

Field Engineering

August L-29

American River Pump Station Phase 2 – River Intake Structures

Specification #20-C0854

Field Engineering

Construction Manager – Robert Meador

Const. Rep. - Howard Diedrich

Number of contractor's employees:

FCCI personnel – 21

F3 Associates – 2

MCM – 11

PCS – 6

Goldman – 6

Central Sierra Electric - 2

Schedule A Work

Excavation:

FCCI finished all excavation this month.

Place Plain, Planted Rip-rap, & Grouted Boulders:

FCCI finished the grouted boulders, completed 95% of the planted & plain rip-rap this month..

Install & Operate Unwatering System:

FCCI removed the downstream dewatering system & has began removing the upstream dewatering system in preparation for diverting the river into the main channel.

Tunnel Closure::

FCCI has removed the downstream cofferdam & began relocating upstream cofferdam in preparation for tunnel closure.

Backfill:

FCCI has completed all backfill this month.

Concrete Structures:

MCM has finished placing Structural Concrete (4500 psi) has completed about 70% of the river access road concrete.

Piping:

Goldman has completed all of the air piping, washdown water piping, H2o hydraulic piping, & stilling well piping this month..

Mechanical:

Goldman finished installing Strainers, screens, watertank, actuators, & knife gates this month. The subcontractor also finished mechanical equipment and hardware for air system to the Obermeyer Gate. FCCI installed the Obermeyer Gate.

Electrical:

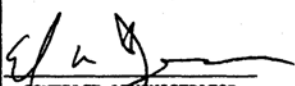
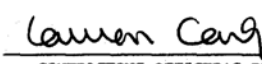
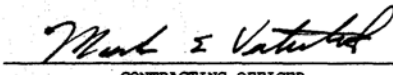
Central Sierra Electric finished all of the electrical wiring & installed all of the electrical panels including the backwash panel this month.

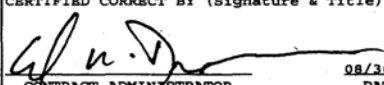
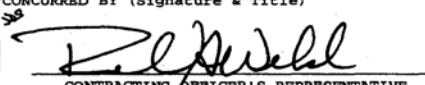

PCWA Temporary Pumping System:

PCWA is maintaining the temporary pump system this month.

Schedule B Work**Maidu Drive Entrance:**

FCCI cleared & grubbed the area, excavated & backfilled, and place aggregate base course material this month.

CONTRACT SUMMARY AND VOUCHER					
PROJECT & DIVISION: Auburn-Folsom South Unit, Central Valley Project, CA					
CONTRACT TITLE: ARPS Phase II-River Intake Structures					
CONTRACT NO.: 06CC201014	SPECIFICATIONS NO.: 20-C0654	PAY ESTIMATE NO.: 10 ✓	PAYMENT TERMS: 14 DAYS		
CONTRACTOR'S NAME AND ADDRESS: Ford Construction Company, Inc. 639 E. Lockeford Street Lodi, CA 95240		PAYMENT NAME AND ADDRESS (if different)			
AWARD DATE: 08/24/06 ✓	NOTICE TO PROCEED DATE: 09/18/06	TIME ELAPSED #: 62.0%	TOTAL CONTRACT VALUE: \$32,395,580.30 ✓		
INVOICE DATE: 07/30/07 ✓	RECEIPT PROPER INVOICE: 08/03/07 ✓	WORK COMPLETED #: 80.4%	TOTAL FUNDS RESERVED TO DATE: \$27,233,328.30 ✓		
PAYMENT SUMMARY					
	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE		
GROSS EARNINGS	\$2,268,768.40 ✓	\$23,775,779.96 ✓	\$26,044,548.36 ✓		
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00		
NET EARNINGS	\$2,268,768.40	\$23,775,779.96	\$26,044,548.36		
RETENTION	\$0.00	\$0.00	\$0.00		
NET PAYMENT	\$2,268,768.40	\$23,775,779.96	\$26,044,548.36		
CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)					
Calendar Days: Original 500 Current 500					
Completion Due Date: 1/31/08 1/31/08 ✓					
Substantially Complete:					
Modifications: (Since last voucher and up through the period covered above)					
No.	Date	Description	Change in Contract Price		
CERTIFIED CORRECT BY (Signature & Title)					
 CONTRACT ADMINISTRATOR DATE 08/06/07		CONCURRED BY (Signature & Title)  CONTRACTING OFFICER'S REPRESENTATIVE DATE 8/10/07			
Direct Invoice questions to: (Name, Code, Phone) Erik Danger, MPCO-218, 530-934-1333		ADMINISTRATIVE APPROVAL (Signature & Title)  CONTRACTING OFFICER DATE 8/8/07			
COST ACCOUNT	Cost Account Number	CURRENT	PREVIOUS	TOTAL	REMAINING
	T04-2040000-323Y-08598012-1600000	✓\$996,260.25	\$9,299,534.39	\$10,295,794.64	\$53,782.36
	T03-2040000-323Y-08598021-1520000	\$0.00	\$5,787,228.80	\$5,787,228.80	\$0.00
	A10-2040000-323Y-08598021-1520000	\$0.00	\$5,911,026.50	\$5,911,026.50	\$0.00
	T03-2410030-323Y-08598021-1520000	✓\$355,673.15	\$399,599.73	\$755,272.88	\$32,744.42
	A10-2410030-323Y-08598021-1520000	✓\$916,835.00	\$2,378,390.54	\$3,295,225.54	\$1,102,253.16
	Totals	✓\$2,268,768.40	\$23,775,779.96	\$26,044,548.36	\$1,188,779.94
DISTRIBUTION: 84-27734; MP-200, -3200, -3800, -3600; CC-107; MPCO-218, -300, -340, -633, -100					

CONTRACT SUMMARY AND VOUCHER						
PROJECT & DIVISION: Auburn-Folsom South Unit, Central Valley Project, CA						
CONTRACT TITLE: ARPS Phase II-River Intake Structures						
CONTRACT NO.: 06CC201014		SPECIFICATIONS NO.: 20-C0654		PAY ESTIMATE NO.: 11	PAYMENT TERMS: 14 DAYS	
CONTRACTOR'S NAME AND ADDRESS: Ford Construction Company, Inc. 639 E. Lockeford Street Lodi, CA 95240				PAYMENT NAME AND ADDRESS (if different)		
AWARD DATE: 08/24/06		NOTICE TO PROCEED DATE: 09/18/06		TIME ELAPSED %: 68.2%	TOTAL CONTRACT VALUE: \$32,408,950.30	
INVOICE DATE: 08/27/07		RECEIPT PROPER INVOICE: 08/29/07		WORK COMPLETED %: 87.6%	TOTAL FUNDS RESERVED TO DATE: \$30,246,698.30	
PERIOD COVERED: 7/26/07 TO 8/25/07						
PAYMENT SUMMARY						
	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE			
GROSS EARNINGS	\$2,331,809.03	\$26,044,548.36	\$28,376,357.39			
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00			
NET EARNINGS	\$2,331,809.03	\$26,044,548.36	\$28,376,357.39			
RETENTION	\$0.00	\$0.00	\$0.00			
NET PAYMENT	\$2,331,809.03	\$26,044,548.36	\$28,376,357.39			
CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)						
Calendar Days: 500						
Completion Due Date: 1/31/08						
Substantially Complete: 1/31/08						
Modifications: (Since last voucher and up through the period covered above)						
No.	Date	Description	Change in Contract Price			
020	8/9/07	Accelerate water delivery	\$13,370.00			
021	8/17/07	Admin Mod. Obligate Add. Funds	\$0.00			
CERTIFIED CORRECT BY (Signature & Title)						
 CONTRACT ADMINISTRATOR DATE: 08/30/07			CONCURRED BY (Signature & Title)  CONTRACTING OFFICER'S REPRESENTATIVE DATE: 8/31/07			
Direct invoice questions to: (Name, Code, Phone) Erik Danger, MPCO-218, 530-934-1333			ADMINISTRATIVE APPROVAL (Signature & Title)  CONTRACTING OFFICER DATE: 8/30/07			
COST ACCOUNT	Cost Account Number		CURRENT	PREVIOUS	TOTAL	REMAINING
	T04-2040000-323Y-08598012-1600000		\$53,782.36	\$10,295,794.64	\$10,349,577.00	\$0.00
	T03-2040000-323Y-08598021-1520000		\$0.00	\$5,787,228.80	\$5,787,228.80	\$0.00
	A10-2040000-323Y-08598021-1520000		\$0.00	\$5,911,026.50	\$5,911,026.50	\$0.00
	T03-2410030-323Y-08598021-1520000		\$23,909.77	\$755,272.88	\$779,182.65	\$13,681.27
	T04-2410030-323Y-08598012-1600000		\$1,466,587.50	\$0.00	\$1,466,587.50	\$1,333,412.50
	A10-2410030-323Y-08598021-1520000		\$787,529.40	\$3,295,225.54	\$4,082,754.94	\$523,247.14
Totals		\$2,331,809.03	\$26,044,548.36	\$28,376,357.39	\$1,870,340.91	

REC'D
SEP 04 2007
for Aug

Specifications No. - 30-C0663

Contract No. 06CC201054

Lake Berryessa Visitor Center, Solano Project, CA

Total Team Construction Services, Inc., Sacramento, CA, Contractor

Work Performed:	August	
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	
		\$13,069.70
	Previous	\$286,993.56
	Total to Date	\$300,063.26

Area Office

Project Manager: Jon Mannel

Office Engineering

Contract Administrator: Joshua Stuart

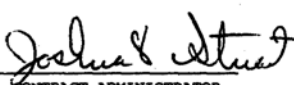
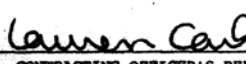

Pay estimate No. 5, Final, was approved and forward to Denver for processing on August 14, 2007.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Don McCabe

Number of Contractor Employees:

CONTRACT SUMMARY AND VOUCHER			
PROJECT & DIVISION: Solano Project, Lake Berryessa Recreational Area,			
CONTRACT TITLE: Lake Berryessa Visitor Center			
CONTRACT NO.: 06CC201054	SPECIFICATIONS NO.: 20-C0663	INVOICE NO.: 5	PAYMENT TERMS: 30 DAYS
CONTRACTOR'S NAME AND ADDRESS Total Team Construction Services, Inc. P.O. Box 980903 West Sacramento, CA 95798		PAYMENT NAME AND ADDRESS (If different) N/A	
AWARD DATE: 09/22/06	NOTICE TO PROCEED DATE: 12/01/06	TIME ELAPSED %: 100%	TOTAL CONTRACT VALUE: \$300,063.26
INVOICE DATE: 08/02/07	RECEIPT PROPER INVOICE: 08/08/07	WORK COMPLETED %: 100%	TOTAL FUNDS RESERVED TO DATE: \$ 300,063.26
PERIOD COVERED: 6/21/07 TO 8/2/07			
PAYMENT SUMMARY			
	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$13,069.70	\$286,993.56	\$300,063.26
ADJUSTMENTS	\$0.00	\$0.00	\$0.00
NET EARNINGS	\$13,069.70	\$286,993.56	\$300,063.26
RETENTION	\$0.00	\$0.00	\$0.00
NET PAYMENT	\$13,069.70	\$286,993.56	\$300,063.26
CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)			
Calendar Days:	Original 180	Current 180	
Completion Due Date:	5/30/07	5/30/07	
Substantially Complete:			
Modifications: (Since last voucher and up through the period covered above)			
No.	Date	Description	Change in Contract Price
CERTIFIED CORRECT BY (Signature & Title)  CONTRACT ADMINISTRATOR DATE 08/09/07		CONCURRED BY (Signature & Title)  CONTRACTING OFFICER'S REPRESENTATIVE DATE 8/10/07	
Direct invoice questions to: (Name, Code, Phone) Joshua Stuart, MPCO-220, 530-934-1336		ADMINISTRATIVE APPROVAL (Signature & Title)  CONTRACTING OFFICER DATE 8/9/2007	
COST AUTHORITY NUMBER A50-2470100-323H-04133180-1301000		THIS PERIOD \$13,069.70	
DISTRIBUTION: 84-27734; MP-210; MP-3200; CC-440; MPCO-220, 305, 335, 626, 630			

AUG 15 2007

Specifications No. 20-C0667
Contract No. 06CC201065
Nimbus Dam Radial Gate Repair
C&C General Contractors/Cal Inc., Contractor

Work Performed:	August	0.0%
	Time Elapsed	0.0%
	Work Completed	0.5%
Contractor Earnings:	August	\$0.00
	Previous	\$25,594.00
	Total to Date	\$25,594.00

Area Office
Project Manager: Jesse Castro

Office Engineering
Contract Administrator: Dan Larsen

The contract was awarded September 30, 2006. The Post Award Conference was held at the MP Construction Office on November 20, 2006.

The Government responded to the following submittals this month: RSN 01545-1, Temporary Attachments to Spillway; RSN 01555-1, Traffic Control; RSN 01568-1, Site Security; RSN 05500-1, Radial Gate Replacement Components; RSNs 05510-1, -2, -3, Metal Stairs and Gates; and RSN 15090-1, Radial Gate Repairs.

During the pre-bid onsite job tour the question was asked if the bulkhead gate, which is being fabricated by another contractor, will be onsite prior to the beginning of work on this contract. The bidders were told that the bulkhead gate would be installed onsite by another contractor. The Government's intention at the time was to award another contract to an installation contractor once the bulkhead gate has been delivered by the fabrication contractor. However, this never happened. Therefore, a contract modification will be issued for Cal Inc. to assemble, test and install the bulkhead gate on bay 18. The same bulkhead gate, under the contract, will be removed and re-installed at each bay where radial gate repair work is being done.

Field Engineering
Field Engineer: Matt Sheskier
OGR: Henry Garcia

Onsite work has not begun. The start of onsite work is dependent upon a separate purchase order to fabricate and deliver the bulkhead gate onsite which has been delayed for various reasons. The Project Manager for the repair contract is now the Project Manager for the bulkhead gate work and will coordinate both efforts so that onsite work for the repair contract can begin in Sept.

Specifications No. - 30-C0668

Contract No. 06CC201067

New Melones Road Repairs, Eastside Division, CVP, CA

Oregon Mountain Constructors, Redding, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	August	\$0.00
	Previous	\$384,706.60
	Total to Date	\$384,706.60

Area Office

Project Manager: Dan Holsapple

Office Engineering

Contract Administrator: Kevin Jacobs.

No changes to report for August.

Pay Estimate No. 2 was received, approved, and forwarded to the FAD this month. See the attached CS&Vs.

Field Engineering

Field Engineer: Matt Sheskier

OGR: Ron Dixon

Number of Contractor Employees: 17

The contractor placed slurry seal on all asphalt surfaces in the Resource Center area.

All areas where slurry seal was applied was striped including handicapped access areas.

Specifications No. 20-C0671

Contract No. 06CC202116

Nimbus Powerplant Transformer Replacement, American River Division, CVP, CA

Gardner Zemke, Inc., Albuquerque, NM, Contractor

Work Performed:	August	
	Time Elapsed	42%
	Work Completed	4%

Contractor Earnings:	August	\$0.00
	Previous	\$59,073.60
	Total to Date	\$59,073.60

Area Office

Project Manager: Bob Beingessner

Office Engineering

Contract Administrator: Joshua Stuart

No changes to report.

Onsite work has not started.

Field Engineering

Field Engineer: Matt Sheskier

OGR: Henry Garcia

Number of Contractor Employees: 0

Specifications No. 20-C0676
Contract No. 07CC200066
Conduit Duct Bank Installation, Folsom Dam, CA
C.W. Crosser Construction, Inc., Contractor

Work Performed:	August	
	Time Elapsed	91%
	Work Completed	97.9%
Contractor Earnings:	August	\$0.00
	Previous	\$241,283.35
	Total to Date	\$241,283.35

Area Office
Project Manager: Jay Emami

Office Engineering
Contract Administrator: Anne Campbell

Contract Summary and Voucher approved on August 14, 2007.

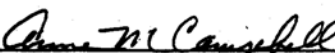
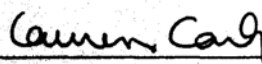
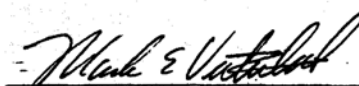
The contract was awarded January 29, 2007 and the NTP was issued February 7.

Substantial Completion was issued May 8, 2007, and the Warranty of Construction will expire May 8, 2008.

Field Engineering
Field Engineer: Matt Sheskier
OGR: Reynaldo Garcia
Number of Contractor Employees: 0

AUG 16 2007

WBR 1453.303-1432-1 (WBR 1432.905-80)

CONTRACT SUMMARY AND VOUCHER					
PROJECT & DIVISION: FOLSOM DAM, CENTRAL VALLEY PROJECT, AMERICAN RIVER DIVISION, CA					
CONTRACT TITLE: CONDUIT DUCT BANK INSTALLATION					
SPECIFICATIONS NO.: 20-C0676 ✓	CONTRACT NO.: 07CC200066 ✓	PAY ESTIMATE NO.: 2 CS&V NO: 2	PAYMENT TERMS: 14 DAYS		
CONTRACTOR'S NAME AND ADDRESS: C.W. Crosser Construction, Inc. 5500 East Santa Ana Canyon Road, Suite 202 Anaheim, CA 92807-3103		PAYMENT NAME AND ADDRESS (if different)			
AWARD DATE: January 29, 2007	NOTICE TO PROCEED DATE: February 7, 2007	TIME ELAPSED %: 91.0% ✓	TOTAL CONTRACT VALUE: \$524,467.21 ✓		
INVOICE DATE: August 13, 2007 ✓	RECEIPT PROPER INVOICE: August 14, 2007 ✓	WORK COMPLETED %: 97.9% ✓	TOTAL FUNDS RESERVED TO DATE: \$524,467.21 ✓		
PERIOD COVERED: 4/5/07 TO 5/9/07 ✓					
PAYMENT SUMMARY					
	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE		
GROSS EARNINGS	\$272,041.86 ✓	\$241,283.35 ✓	\$513,325.21 ✓		
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00		
NET EARNINGS	\$272,041.86	\$241,283.35	\$513,325.21		
RETENTION	\$0.00	\$0.00	\$0.00		
NET PAYMENT	\$272,041.86 ✓	\$241,283.35 ✓	\$513,325.21 ✓		
CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)					
Original Calendar Days: 100 Days Completion Due Date: 5/18/07 Substantially Complete: 5/8/07					
Modifications: (Since last voucher and up through the period covered above)					
No.	Date	Description	Change in Contract Price		
001	4/11/2007	Increase size of high voltage and communication vaults	\$20,795.00		
002	5/23/2007	Add lateral conduit locations, relocate conduit route, and relocate underground sewer cleanout.	\$73,902.21		
CERTIFIED CORRECT BY (Signature & Title)					
 CONTRACT ADMINISTRATOR DATE: 8/14/07		CONCURRED BY (Signature & Title)  CONTRACTING OFFICER'S REPRESENTATIVE DATE: 8/14/07			
Direct invoice questions to: (Name, Code, Phone)		ADMINISTRATIVE APPROVAL (Signature & Title)			
Anne M. Campbell, MPCO-111, 530-934-7066		 CONTRACTING OFFICER DATE: 8/14/07			
COST ACCOUNT	Cost Authority Number	CURRENT	PREVIOUS	TOTAL	REMAINING
	A50-2050100-323H-19103004-2440100-1850000	\$272,041.86	\$241,283.35	\$513,325.21	\$11,142.00
	Totals	\$272,041.86	\$241,283.35	\$513,325.21	\$11,142.00
DISTRIBUTION: D-7734; MP-200, CC-601A, MPCO-300, 339, 633					

Specifications No. 20-C0458

Contract No. 1425-97-CC-20-20002

230-kV Transformer Replacement, Folsom Powerplant, American River Division,

Folsom Unit, CVP, CA

Hi-Voltage Wire Works, Inc., d.b.a.: Power Providers, Rancho Cordova, CA, Contractor

Work Performed:	August	0%	
	Time Elapsed	100%	
	Work Completed	88%	
			<u>RETENTION</u>
Contractor Earnings:	August	\$0.00	\$0.00
	Previous	\$720,706.00	\$69,164.57
	Total to Date	\$720,706.00	\$69,164.57

Area Office

Project Manager: Robert Beingessner

Office Engineering

Contract Administrator: Larry Kyes

Substantial Completion was issued January 12, 1999, and the Warranty of Construction on the core and coils expired April 26, 2005.

Field Engineering

Field Engineer:

OGR:

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0612A
Contract No. 05CC201056
Spillway Gate Repairs, Folsom Dam, CVP, CA
Alltech Engineering Corporation, Mendota Heights, MN, Contractor

Work Performed:	August	0%
	Time Elapsed	78.4%
	Work Completed	100.0%

Contractor Earnings:	August	\$0.00
	Previous	\$1,549,211.51
	Total to Date	\$1,549,211.51

Area Office
Project Manager: Jesse Castro

Office Engineering
Contract Administrator: Dan Larsen

No Office Engineering information was reported this period.

Construction was Substantially Complete July 7, 2006, and the Warranty of Construction will expire July 8, 2007.

Closeout activities remain.

Field Engineering
Field Engineer:
OGR: Howard Diedrich
Number of Contract Employees: 0

Onsite construction is complete.

Specifications No. 20-C0615

Contract No. 04CC201017

New Melones Butterfly Valve and Bypass Rehabilitation, CVP, CA

KED Construction Co., San Jose, CA, Contractor

Work Performed:	August	
	Time Elapsed	100%
	Work Completed	94%
Contractor Earnings:	August	\$139,185.29
	Previous	\$379,821.19
	Total to Date	\$489,300.00

Non-contract costs are listed under Specifications No. 20-C0595.

Area Office

Project Manager: Jesse Castro

Office Engineering

Contract Administrator: Joshua Stuart

No report for August.

Pay estimate No. 6 was approved on May 24, 2007 and was forwarded to DFAS for processing.

The work on Unit No. 1 was Substantially Complete June 17, 2005 and the Warranty of Construction expired June 18, 2006.

The work on Unit No. 2 was Substantially Complete May 29, 2007 and the Warranty of Construction will expire May 29, 2008.

The contractor is currently scheduled to mobilize for Unit No. 2 work the December 4, 2006.

Field Engineering

Field Engineer:

OGR: Ronald Dixon

Number of Contractor Employees: 0

No onsite work was performed this month. The operating cylinders are being refurbished in a subcontractor's shop.

Specifications No. 20-C0622

Contract No. 04CC204046

Transformer Refurbishment, New Melones Powerplant, CVP, CA

Takota Corporation, Las Vegas, NV, Contractor

Work Performed:	August	0%
	Time Elapsed	93%
	Work Completed	63%
Contractor Earnings:	August	\$0.00
	Previous	\$466,573.00
	Total to Date	\$466,573.00

Area Office

Project Manager: Bob Beingessner

Office Engineering

Contract Administrator: Joshua Stuart

No changes to report.

Unit No. 1 (Transformer K1A) was Substantially Complete August 15, 2005, and the Warranty of Construction expired August 16, 2006.

Field Engineering

Field Engineer:

OGR: Ronald Dixon

Number of Contractor Employees: 0

There was no onsite construction during this report period.

Specifications No. 20-C0620
Contract No. 05CC201026
Auditorium Modification, Folsom Powerplant
RMA Land Construction, Contractor

Work Performed:	August	0.0%
	Time Elapsed	100.0%
	Work Completed	94.0%
Contractor Earnings:	August	\$0.00
	Previous	\$487,714.16
	Total to Date	\$487,714.16

Area Office
Project Manager: Ed Roza

Office Engineering
Contract Administrator: Dan Larsen

The contract was awarded August 24, 2005, the Notice to Proceed was issued at the Postaward Conference on October 21, 2005.

The Release of Claims, Form DI-137, was sent to the Contractor for execution. It shows a final payment due of \$32,434.99 pending the receipt and approval of the Required Submittals Numbers (RSNs) stated below.

The following submittals remain outstanding: RSN 30, Sealants and Caulking; RSN 32, Door Rehinging; RSN 37, Sheet Carpet; RSN 38, Coatings; RSNs 45 and 46, Heating, Ventilating, and Air Conditioning Equipment, Approval Drawings, As-built Drawings; RSN 48, Heating and Cooling Unit; RSN 49, Ducts; RSN 50, Ductwork Insulation; RSN 54, Grounding and Bonding; RSN 55, Wiring Checkout and Operational Tests; and RSN 57, Distribution Panelboard.

The Contractor was contacted once again regarding the aforementioned outstanding submittals.

Field Engineering
Field Engineer: Matt Sheskier
OGR: Henry Garcia

Onsite construction is complete.

Specifications No. 20-C0632

Contract No. 05CC201057

Folsom Draft Tube Bulkhead Gate Rehabilitation, American River Division, CVP, CA
Mendelian Construction, Inc., San Francisco, CA, Contractor

Work Performed:	August	0.0%
	Time Elapsed	100.0%
	Work Completed	100.0%
Contractor Earnings:	August	\$0.00
	Previous	\$522,150.00
	Total to Date	\$522,150.00

Area Office

Project Manager: Jesse Castro

Office Engineering

Contract Administrator: Dan Larsen

The contract was awarded September 29, 2005.

The Post Award Conference was conducted on November 22, 2005, at the MP Construction Office, Willows, California. The Contractor submitted a tentative as-bid construction schedule during the meeting. The Contractor received the Notice to Proceed on December 7, 2005.

Three outstanding modifications dealing with time issues remain to be resolved.

Field Engineering

Field Engineer: Matt Sheskier

OGR: Henry Garcia

The contract was accepted as substantially complete on April 10, 2007.

Specifications No. 20-C0639

Contract No. 05CC201058

New Melones Lake Glory Hole Recreation Area, Extension of Water Conveyance System,
CVP, CA

Yerba Buena Engineering & Construction, Inc., San Francisco, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	\$0.42
	Previous	\$477,187.78
	Total to Date	\$477,187.78

Area Office

Project Manager: Dan Holsapple

Office Engineering

Contract Administrator: Erik Danger

The contractor was issued Substantial Complete June 20, 2006, and the Warranty of Construction will expire June 20, 2007.

Closeout activities remain to be completed.

Field Engineering

Field Engineer:

OGR: Ronald Dixon

Number of Contract Employees: 0

Onsite construction is complete.

Specifications No. 20-C0644

Contract No. 05CC202047

Poker Bar Roads System Enhancement, Trinity River Division, CVP, CA

Eagle Rock, Inc., Weaverville, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	\$0.00
	Previous	\$365,987.06
	Total to Date	\$365,987.06

Area Office

Project Manager: Denise Wiltse

Office Engineering

Contract Administrator: Joshua Stuart

The marked As-builts sent to MP-200 have not been submitted for our signature.

Substantial Completion was issued March 13, and the Warranty of Construction will expire March 13, 2007

Field Engineering

Field Engineer: Randy Wyatt

OGR: Richard Milani

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0659

Contract No. 06CC201046

Glory Hole Wastewater System, CVP, CA,

C.W. Crosser Construction, Inc., Anaheim, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	\$0.00
.	Previous	\$195,680.00
	Total to Date	\$195,680.00

Area Office

Project Manager: Dan Holsapple

Office Engineering

Contract Administrator: Erik Danger

The contract was issued Substantially Complete October 25, 2006 and the Warranty of Construction will expire October 26, 2007.

Closeout activities remain to be completed.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Ron Dixon

Number of Contract Employees: 0

Onsite construction is complete

Specifications No. 20-C0663

Contract No. 06CC201054

Lake Berryessa Visitor Center Remodel and Deck Replacement, Solano Project, CA

Total Team Construction Services, West Sacramento, CA, Contractor

Work Performed:	August	
	Time Elapsed	81%
	Work Completed	56%

Contractor Earnings:	August	
		\$80,042.85
	Previous	\$86,308.00
	Total to Date	\$166,350.85

Area Office

Project Manager: Bob Beingessner

Office Engineering

Contract Administrator: Joshua Stuart

No report for August.

Pay estimate No. 2 was approved on May 11, 2007 and was forwarded to DFAS for processing.

Modification No. 003 was executed on May 16, 2007. This modification incorporates the replacement of two vinyl windows with two aluminum, bronze anodized windows.

Modification No. 004 was executed on May 23, 2007. This modification incorporates the the installation of additional balusters on the metal deck railing.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Don McCabe

Number of Contractor Employees:

Specifications No. 20-C0662

Contract No. 06CC201042

ARPS, River Cofferdam Repair & Pipeline Installation, Auburn, CA

S.D. Carmack Live Oak, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	\$0.00
	Previous	\$1,302,861.57
	Total to Date	\$1,302,861.57

Area Office

Project Manager: Drew Lessard

Office Engineering

Contract Administrator: Wanda O'Hara/Anne Campbell. Noting to report for August

The contract was issued Substantially Complete on July 3, 2006, and the Warranty of Construction will expire July 13, 2007.

All work is complete and closeout procedures are in progress.

Field Engineering

Field Engineer:

OGR: Howard Diedrich

Number of Contractor Employees: 0

Onsite construction is complete.

CENTRAL VALLEY OPERATIONS OFFICE

Specifications No. 20-C0641
Contract No. 05CC204038
MP Exciter System Replacement, CVP, CA
Eaton Electrical Company, Livermore, CA, Contractor

Work Performed:

Total Time Elapsed (thru August)	55%
-------------------------------------	-----

Work Completed (earnings thru July)	48%
--	-----

Contractor Earnings:	Period (July)	\$125,999.00
	Previous	\$2,483,791.73
	Total to Date	\$2,609,790.73

Area Office

Project Manager: Francisco Cabading

Office Engineering

Contract Administrator: Dennis Thompson MPCO-210

Contract Summary and Voucher No. 7 approved on August 09,2007.

CONTRACT SUMMARY AND VOUCHER

PROJECT & DIVISION: Central Valley Project, California			
CONTRACT TITLE: MP Excitation System Replacement (Trinity, JFCarr, Spring Creek, Folsom, Nimbus, New Melones, O'Neill)			
CONTRACT NO.: 05CC204038 ✓	SPECIFICATIONS NO.: 20-C0641 ✓	Invoice No.: 07 CS&V No.: 07 ✓	PAYMENT TERMS: Progress Pmts: Net 14 days ✓
CONTRACTOR'S NAME AND ADDRESS: Eaton Electrical, Inc. 2637 Collier Canyon Road Livermore, CA 94551		PAYMENT NAME AND ADDRESS (if different):	
AWARD DATE: September 30, 2005 ✓	NOTICE TO PROCEED DATE: November 17, 2005 ✓	TIME ELAPSED : 55% WORK COMPLETED : 48% ✓	TOTAL CONTRACT VALUE: \$5,373,118.00 ✓
INVOICE DATE: July 31, 2007	RECEIPT PROPER INVOICE: August 7, 2007	PERIOD COVERED: 07/01/07 thru 07/31/07 ✓	TOTAL FUNDS RESERVED: \$5,373,118.00 ✓

PAYMENT SUMMARY

	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$125,999.00 ✓	\$2,483,791.73 ✓	\$2,609,790.73
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00
NET EARNINGS	\$125,999.00	\$2,483,791.73	\$2,609,790.73
RETENTION	\$0.00	\$0.00	\$0.00
NET ADJUSTED PAYMENTS	\$125,999.00 ✓	\$2,483,791.73 ✓	\$2,609,790.73 ✓

CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)
 Original Calendar Days: (no days stated in contract, only the final outage end date)
 Original Contract Completion Date: March 1, 2008 (end of last unit outage period)
 Current Completion Date: December 12, 2008 by Change Order Modification No. 09, dated 7/24/2007 ✓
 Date Substantially Completed: (not substantially complete as of this payment approval)
 NOTE: There are pending completion period changes for various units for various Schedules

Modifications: (since last voucher)

No.	Date	Description	Contract Price Adjustment
09	07/24/2007	CHANGE ORDER Modification No. 009, for Spring Creek Unit 2, J.F. Carr Units 1 & 2, and Trinity Units 1 & 2, Revised all unit outage dates. (no price/funding change included in this Mod)	\$0.00 ✓

PREPARED BY (Signature & Title):

Dennis Thompson *Aug 8 2007*
 Dennis Thompson DATE

APPROVED BY (Signature & Title):

Lauren Cary *8/8/07*
 CONTRACTING OFFICER'S REPRESENTATIVE DATE

Direct invoice questions to: (Name, Code, Phone No.)

Dennis Thompson MPCO-210 530-934-1357

ADMINISTRATIVE APPROVAL Fredrick K. Geijsbeek

Mark E. Vint *8/9/07*
 CONTRACTING OFFICER DATE

Progress Payment Cost Authority Distribution:

	Period	Amnt
Schedules I & IA - Spring Creek Power Plant	A50-2050100-254B-19103172-1650000	\$2,250.00
Schedule IB - Trinity Power Plant	A50-2050100-254B-19103173-1650000	\$0.00
Schedule IC - J.F. Carr Power Plant	A50-2050100-254B-19103176-1650000	\$0.00
Schedule III & IIIA O'Neill Power/Pumping Plant	A50-2050100-254B-19103040-1600000	\$123,749.00
		\$125,999.00 ✓

DISTRIBUTION: 84-27734(orig), -8160, MP-3200, -3600, -200, MPCO-632, -305, -320, -325
 Eaton Electrical, Inc. Attn: Dennis Halden, 1520 Bridgegate Drive #100, Diamond Bar, CA 91765,
 Ryan Hatfield, 2637 Collier Canyon Road, Livermore, CA 94551

KLAMATH BASIN AREA OFFICE

Specifications No. 20-C0664

Contract No. 06CC204057

Link River Dam Fish Ladder Fish Trapping Facilities.

TNT Industrial Contractors, Inc., Sacramento, CA, Contractor

Work Performed:	August	98%
	Time Elapsed	100%
	Work Completed	98%

Contractor Earnings:	August	\$72,247.83
	Previous	\$303,582.42
	Total to Date	\$375,830.25

Area Office

Project Manager: Chuck Korson

Office Engineering

Contract Administrator: Anne Campbell. Noting reported this period.

Substantial Completion was issued May 15, 2007, and the Warranty of Construction will expire May 15, 2008.

Field Engineering

Field Engineer: Randy Wyatt

OGR: David Derk

Number of Contract Employees: 1

TNT Industrial Contractors on site May 2 demonstrating operation and safety precautions of the hoists. Grating was installed over the guide panels. Seven punch list items remain to be completed.

Specifications No. 20-C0674

Contract No. 07CC200016

Chiloquin Dam Removal and MPIC Pumping Plant and Fish Screen, Chiloquin Dam Project,
Oregon Slayden Construction Group, Contractor

Work Performed:	August	%
	Time Elapsed	18.4%
	Work Completed	12.0%

Contractor Earnings:	August	\$
	Previous	\$220,822.00
	Total to Date	\$1,078,756.00

Area Office

Project Manager: Chuck Korson

Office Engineering

Contract Administrator: Larry Bowman

This contract was awarded on February 5, 2007. A Partial Notice to Proceed with site work was issued on March 9, 2007.

The contract legal completion date April 30, 2009.

Administrative Modification No. 001 issued May 22, 2007 obligated \$3,000,000.00 additional funds to the contract. Modification No. 002 will be issued in September to obligate \$5,552,810.00 additional funds to the contract.

The contractor has not submitted an invoice for the month of August 2007 at the time this report was prepared.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Dave Arter

Number of Contractor Employees:

AUGUST 2007

L 29

Sub Contractor: LTM

Sub Contractor: Pacific Electrical Contractors

Sub Contractor: Adkins Engineering

Sub Contractor: Carlson Testing

Sub Contractor: Head Painting and Concrete

Sub Contractor: Manske Construction

Sub Contractor: Dan Collins Concrete

Sub Contractor: Southern Oregon Concrete Pumping

Construction Manager: Dave Arter

Field Engineer: Randy Wyatt

Field Inspector: Dave Derk

Number of Contractor Employees: 20

Number of Sub Contractor Employees: 30

The contractor's crew for the month erected and braced the wood concrete forms and placed concrete for the pumping plants three wall placements between elevation 4133 and 4147.50, they stripped the forms the day after placing the concrete and cured the surface of the concrete walls. The steel sub contractor erected all of the reinforcing steel curtains for the three wall placements, and the steel reinforcing mats for the second pumping plant slab placement, and the transition slab. The steel sub contractor's crews also started the transition walls steel curtains.

The prime contractor's crew erected and secured the concrete wood forms for the second pumping plant slab and the transition structure slab. One concrete finishing sub contractor placed and finished the second pumping plant slab, and a second concrete finishing company placed and finished the transition structure concrete slab.

The excavation sub contractor had most of the 42-inch discharge pipe delivered to the site and started working on the dewatering system for the 42-inch discharge pipe trench excavation.

LAHONTAN BASIN AREA OFFICE

Specifications No. - (There is no specifications number for this contract.)

Contract No. 06CC201078

Boca Dam Barrier Power Upgrade, Washoe Project, NV/CA

Adesta, LLC, Omaha NE, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	70%

Contractor Earnings:	August	\$0.00
	Previous	\$145,098.25
	Total to Date	\$145,098.25

Area Office

Project Manager: Locke Hahne

Office Engineering

Contract Administrator: Kevin Jacobs. Noting to report this period.

Corrective action plan was submitted and rejected.

Field Engineering

Field Engineer: Matt Sheskier

OGR: Dennis Schuenemann

Number of Contractor Employees: 0

No Field Engineering information was reported this period.

Specifications No. - (There is no specifications number for this contract.)

Contract No. 04PE201066

Boca Dam Crest Barrier System, Washoe Project, NV/CA

Sigcom, Incorporated, Greensboro, NC, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	August	\$0.00
	Previous	\$438,168.20
	Total to Date	\$438,168.20

Area Office

Project Manager: Locke Hahne

Office Engineering

Contract Administrator: Kevin Jacobs. Noting to report this period.

Closeout activities remain.

The contractor was issued Substantial Completion May 25, 2005, and the Warranty of Construction expired May 25, 2006, with the exception of the warranty repairs, which will be extended to 1 year from the final date of the repairs. The warranty extension for repaired items will expire May 31, 2007.

Field Engineering

Field Engineer:

OGR: Reynaldo Garcia

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0651

Purchase Order No. 05PC204092

Prosser Creek Dam Gatehouse Roof, Washoe Project, NV/CA

Ryan Trucking and Excavating, Truckee, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	0%
	Work Completed	0%
Contractor Earnings:	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office

Project Manager: Locke Hahne

Office Engineering

Contract Administrator: Joshua Stuart.

There is nothing new to report. Unresolved issues are still pending.

Field Engineering

Field Engineer:

OGR: Howard Diedrich

Number of Contractor Employees: 0

Onsite construction is complete.

NORTHERN CALIFORNIA AREA OFFICE

Specifications No. 20-C0596

Contract No. 04CC200022

Shasta Dam Powerplant Turbine and Generator Rehabilitation, CVP, CA

American Hydro Corporation, York, PA, Contractor

Work Performed:	August	
	Time Elapsed	88%
	Work Completed	56%
Contractor Earnings:	August	\$0.00
	Previous	\$2,030,156.21
	Total to Date	\$2,030,156.21

Area Office

Project Manager: Larry Ball

Office Engineering

Contract Administrator: Joshua Stuart. Noting to report this period.

Modification No. 014 was sent to the contractor for their signature on May 18, 2007. This modification will definitize Modification Nos. 004 and 012. This supplemental agreement will also incorporate a time extension of 14 days to the contract performance period.

Unit No. S2 was substantial complete as of September 23, 2006.

The Unit No. 2 two-year warranty for cavitation and erosion began on September 23, 2006 and will end on September 23, 2008.

The Unit No. 2 five-year warranty, for the generator armature winding, stator core, and reinsulated generator field windings, and all other pertinent equipment listed in Specification Section C.13.6, began on September 23, 2006 and will end on September 23, 2011.

The Unit No. 2 one-year warranty for all work perform on the contract began on September 23, 2006, and will end on September 23, 2007.

Field Engineering

Field Engineer: Randy Wyatt

OGRs: Stephen Holmes

Number of Contractor Employees: 6

No Field Engineering information was reported this month.

Specifications No. 20-C0621
Purchase Order No. 04CC202038
Red Bluff Pumping Plant Expansion and Upgrade, CVP, CA
Macro-Z-Technology Co., Santa Ana, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	98%

Contractor Earnings:	August	\$0.00
	Previous	\$3,618,850.00
	Total to Date	\$3,618,850.00

Because of numerous issues with this contract, MPCO non-contract costs have exceeded current anticipated budget amount. A realignment of funds in the amount of \$69,700 was submitted to the Area Office September 21.

Area Office
Project Manager: Paul Freeman

Office Engineering
Contract Administrator: Joshua Stuart

Modification No. 010, was executed on August 28, 2007. This modification incorporates an extended warranty for the 15 KV Power Cable and incorporates a cost credit to the Government in the amount of (\$49,500.00) for liquidated damages.

This contractor has been issued Substantially Complete May 20, and the Warranty will expire May 20, 2007.

Field Engineering
Field Engineer: Randy Wyatt
OGR: Donald McCabe
Number of Contractor Employees: 0
Onsite construction is complete.

Specifications No. 20-C0626

Contract No. 005CC202034

Turbine and Generator Rehabilitation, Shasta Powerplant, CVP, CA

Alstom Power, Inc., Littleton, CO, Contractor

Work Performed:	August	
	Time Elapsed	56%
	Work Completed	70%

Contractor Earnings:	August	\$1,043,376.83
	Previous	\$8,847,891.58
	Total to Date	\$9,891,268.41

Area Office

Project Manager: Roy Kluge

Office Engineering

Contract Administrator: Joshua Stuart

Pay estimate No. 6 was approved on August 30, 2007 and was forwarded to DFAS for processing.

Conference calls were held between MPCO, NCAO, and the Contractor to discuss potential acceleration of Unit No. 2.


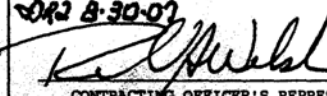
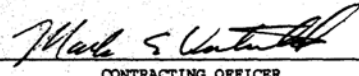
Field Engineering

Field Engineer: Randy Wyatt

OGR: Stephen Holmes

Number of Contractor Employees: 2

No Field Engineering information was reported this month.

CONTRACT SUMMARY AND VOUCHER					
PROJECT & DIVISION: Central Valley Project					
CONTRACT TITLE: Shasta Generator Rewind Units 1 and 2					
CONTRACT NO.: 05CC202034		SPECIFICATIONS NO.: 20-C0626		INVOICE NO.: 86573	PAYMENT TERMS:
		CS&V NO.: 6		14 DAYS	
CONTRACTOR'S NAME AND ADDRESS			PAYMENT NAME AND ADDRESS (If different)		
ALSTOM Hydro US, Inc. 7921 South Park Plaza, Suite 208 Littleton, CO 80120-4506			ALSTOM Hydro US, Inc. P.O. Box 26008 Chicago, IL 60673-1260		
AWARD DATE: 09/30/05 ✓	NOTICE TO PROCEED DATE: 02/06/06 ✓	TIME ELAPSED %: 56% ✓	TOTAL CONTRACT VALUE: \$14,141,716.30 ✓		
INVOICE DATE: 08/24/07 ✓	RECEIPT PROPER INVOICE: 08/28/07 ✓	WORK COMPLETED %: 70% ✓	TOTAL FUNDS RESERVED		
		PERIOD COVERED: 6/1/07 ✓ TO 8/24/07 ✓	TO DATE: \$ 12,124,273.71 ✓		
PAYMENT SUMMARY					
	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE		
GROSS EARNINGS	\$1,043,376.83 ✓	\$8,847,891.58 ✓	\$9,891,268.41 ✓		
ADJUSTMENTS	\$0.00	\$0.00	\$0.00		
NET EARNINGS	\$1,043,376.83 ✓	\$8,847,891.58 ✓	\$9,891,268.41 ✓		
RETENTION	\$0.00	\$0.00	\$0.00		
NET PAYMENT	\$1,043,376.83 ✓	\$8,847,891.58 ✓	\$9,891,268.41 ✓		
CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)					
	Original	Current			
Calendar Days:	1000	1000 ✓			
Completion Due Date:	11/2/08	11/2/08 ✓			
Substantially Complete (Unit No. 1):	8/20/07 ✓				
Modifications: (Since last voucher and up through the period covered above)					
No.	Date	Description	Change in Contract Price		
CERTIFIED CORRECT BY (Signature & Title)			CONCURRED BY (Signature & Title)		
 CONTRACT ADMINISTRATOR Joshua Stuart, MPCO-220, 530-934-1336 DATE: 08/29/07			 CONTRACTING OFFICER'S REPRESENTATIVE DATE: 8/30/07		
Direct invoice questions to: (Name, Code, Phone)			ADMINISTRATIVE APPROVAL (Signature & Title)		
Joshua Stuart, MPCO-220, 530-934-1336			 CONTRACTING OFFICER DATE: 8/30/07		
Cost Account Number A50-2050100-327H-19103070-2340000-1650000 U4P-2710000-327H-17863300-RRS3300 Total:			CURRENT \$938,376.83 \$105,000.00 \$1,043,376.83		
DISTRIBUTION: 84-27734; MP-200; MP-3200; NC-200; MPCO-220, 305, 320, 624, 630,					

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at

Specifications No. 20-C0642
Contract No. 06CC202026
Stony Gorge Dam Modification
Shimmick Construction Company, Inc., Contractor

Work Performed:	August	3.6%
	Time Elapsed	27.2%
	Work Completed	18.8%
Contractor Earnings:	August	\$867,292.79
	Previous	\$3,641,273.12
	Total to Date	\$4,508,565.91

Area Office
Area Manager: Brian Person

Project Manager – Regional Office, Sacramento, CA
Joan Goodwin

Orland Water Users Water District
District Manager: Rick Massa

Office Engineering
Contract Administrator: Dan Larsen

The contract was awarded September 22, 2006, to Shimmick Construction Company, Inc., in the amount of \$23,956,700.00. The Notice to Proceed was received by the Contractor on October 18, 2006 with a legal completion date of September 2, 2009.

Progress Payment No. 7 was processed this month in the amount of \$867,292.79. Total payments to date: \$4,508,565.91.

The following submittals were received this month: RSN 01321-2, Updated Schedule; RSN 02215-2, Reinforcement Surveys.

The Government responded to the following submittals this month: RSN 03300-4, Reinforcement Diagrams and Lists; RSNs 16120-1, -2, Conductors and Cables; RSN 16140-1, Wiring Device; RSN 16441-1, Distribution Panelboard; and RSN 16520-1, Exterior Luminaires.

Received and responded to REQUEST FOR INFORMATION (RFI) No. 27. The RFI states that the specifications list finish coat options but do not list color/gloss preferences. The Government responded by saying depending on which option is used and the colors available, grey would be the preferred color.

Modification No. 005 was fully executed this month. It provides payment for adding Contract Line Item No. 22, Schedule B, Bid Schedule to modify the top of dam dowels in the gate house.

Modification No. 006 was fully executed this month. It provides payment for adding Contract Line Item No. 23, Schedule B, Bid Schedule to provide a fulltime onsite certified safety professional for the remainder of the contract.

Modification No. 007 was fully executed this month. It provides payment for adding Contract Line Item No. 24, Schedule B, Bid Schedule to place concrete in the 2-foot by 3-foot opening in buttress 28.

Modification No. 008 was fully executed this month. It provides payment for adding Contract Line Item No. 25, Schedule B, Bid Schedule to furnish and install 1-3/4-inch by 1-3/4-inch chamfer on the downstream face of the capitals and the upper strut walls.

Modification No. 009 was fully executed this month. It provides payment for adding Contract Line Item No. 26, Schedule B, Bid Schedule to furnish and install an additional No. 3/0 AWG, THHN, 600V single conductor for the lighting distribution system.

See next page for Field Engineering.

August L-29

Field Engineering

Field Engineer: Randy Wyatt

OGR: Dick Milani

Number of Contractor Employees: 32

The contractor completed core drilling the 2¾ inch diameter holes for the top of dam dowels. The sixteen (16) holes were drilled inside the gate house in and around the gate operators and motors. The location of the dowels is per specification, but the installation of the dowels was changed to eliminate cutting existing reinforcement. The end plates on the top of the dowels were counter sunk only enough to be flush with the floor or mounted on top of the floor. The dowels have not been installed.

The contractor's office engineer utilized ground penetrating radar (GPR) to survey the existing reinforcement in the buttresses prior to core drilling for the end threaded anchor bars. The rebar scan was performed on each side of the 18-inch to 42-inch thick buttress. The accuracy of the GPR is very good through concrete to a depth of 18-inches.

The anchor bars are located on approximately 2.0 foot centers inside the 15-inch by 15-inch anchor beam to elevation 811.5 feet. The majority of the rebar scanning and core drilling was performed from a suspended swing stage fastened to the C-hanger. The located reinforcement is marked on the surface of the buttress at the designed anchor bar location. An 8½-inch by 11-inch transparency with the located reinforcement and hole location is submitted to the government for approval or to adjust to hole location to miss the existing reinforcement.

The driller has been core drilling and average of twelve (12) end threaded anchor bar holes per shift from the swing stage.

The contractor has not cut any reinforcement during core drilling for the end threaded anchor bars as of this reporting period. Two different rebar were nicked due to the limited amount of area between several horizontal, diagonal, and vertical bars. These locations were approved due to locating at a different location would spread the spacing of the dowels too far apart.

The labor crew has installed and backfill grouted all the end threaded anchor bar holes that have been core drilled. The majority of this work is being performed from a swing stage.

The pile butt crew continued to fabricate the seventh and final C-hanger.

The C-hanger is approximately 99% complete and is scheduled to be installed on top of the dam between buttresses 44-45 on September 5. The same crew also installed the false work and forms for the capitals and struts on the C-hangers between 38-41.

The contractor placed concrete with a 165 ton crane and one cubic yard bucket for six Capitals (18 cubic yards) on August 16. The concrete for the three struts (6.33 cubic yards) was placed on August 23 with a 42 meter truck mounted concrete pump. The forms, except for the false work on the C-hanger, were removed the following shift.

The contractor had scheduled to remove the false work from the six placed capitals and the three placed struts after the concrete had cured for seven days.

The contractor was reminded the false work could not be removed under the placed capitals and struts unless the capitals on the opposite side of the buttresses on each end had been placed.

The carpenter crews continued to fabricate and set the 3.0 foot to 6.0 foot high diaphragm starter wall forms under the spillway and in the creek bottom. All the bays have been unwatered, except 33-34 and 34-35. Bay 34-35 is being use as a settling pond for the unwatering. The lake level is below the spillway inlet, therefore, no water is leaking from the spillway into the bays. Some ground water is seeping into the bays and is controlled with sump pumps.

The rebar subcontractor, Pacific Coast Steel, placed rebar with a 2 to 4 man crew. A total of 22,835 pounds of rebar was placed this reporting period.

The contractor placed concrete for three 4.0 foot high diaphragm starter walls (footings) in bays 28-29, 29-30, and 30-31 on August 23. Three additional diaphragm starter walls in 25-26, 26-27, and 27-28 and two 6.0 foot high diaphragm walls in 37-38 and 38-39 were placed on August 30. A total of 130 cubic yards were placed in the six starter walls and two diaphragm walls.

CONTRACT SUMMARY AND VOUCHER

PROJECT & DIVISION: Orland Project, California			
CONTRACT TITLE: Stony Gorge Dam Modification			
CONTRACT NO.: 06CC202026	SPECIFICATIONS NO.: 20-C0642	INVOICE NO.: 8	PAYMENT TERMS: 14 Days
CONTRACTOR'S NAME AND ADDRESS: Shimmick Construction Company, Inc. 24200 Clawiter Road Hayward, CA 94545		PAYMENT NAME AND ADDRESS (if different)	
AWARD DATE: September 22, 2006	NOTICE TO PROCEED DATE: October 18, 2006	TIME ELAPSED: 27.2% WORK COMPLETED: 30.2%	TOTAL CONTRACT VALUE: \$24,515,381.57
INVOICE DATE: September 1, 2007	RECEIPT PROPER INVOICE: September 4, 2007	PERIOD COVERED: 08/01/07 to 08/31/07	TOTAL FUNDS RESERVED TO DATE: \$24,515,381.57

PAYMENT SUMMARY

	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$913,527.01	\$4,508,565.91	\$5,422,092.92
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00
NET EARNINGS	\$913,527.01	\$4,508,565.91	\$5,422,092.92
RETENTION	\$0.00	\$0.00	\$0.00
NET ADJ. EARNINGS	\$913,527.01	\$4,508,565.91	\$5,422,092.92

CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)

CALENDAR DAYS: 1,050
COMPLETION DUE DATE: September 2, 2009
SUBSTANTIALLY COMPLETE:

MODIFICATIONS (SINCE LAST VOUCHER)

No.	Date	Description	Amount
		SEE PAGE 2	

CERTIFIED CORRECT BY (Signature & Title)

Dan R. Larsen 9-4-07

CONCURRED BY (Signature):

Lauren Car9 9/4/07

CONTRACT ADMINISTRATOR DATE

CONTRACTING OFFICER'S REPRESENTATIVE DATE

DIRECT INVOICE QUESTIONS TO: (Name, Code, Telephone)

APPROVED BY (Signature):

Dan Larsen MPCO-215 (530) 934-1360

Mark S. Tuttle 9/4/07
ADMINISTRATIVE CONTRACTING OFFICER DATE

COST AUTHORITY NO.: A50-2040010-323H-A0226100-2040000-1510SOD (\$913,527.01 this voucher)

DISTRIBUTION: 84-27734, MP-3200, MP-3600, NC-100, MPCO-215, 305, 331, 630, 633

rec'd
SEP 07 2007



CN22-200-0743 Stony Gorge Dam Modification. Orland Project, CA.
Shimmick Construction Company Inc. Spec/Contract No. CO642/06CC202026. BOR.
Contractor is performing a load test on the 165-ton Sumitomo crane using the 60,000lb counter weight from the 165-ton American crane. Photo by D. Milani. 8-14-07.



CN22-200-0745 – Stony Gorge Dam Modification, Orland Project, CA.
Shimmick Construction Company Inc. Spec/Contract No. CO642/06CC202026. BOR.
Six of seven C-hangers installed between bays 37-43. Contractor did rebar scan survey, Core drilled end threaded anchor bar, set capital/strut forms and placed concrete from C-hangers.
Photo by D. Milani. 8-15-07

Specifications No. 20-C0669
Contract No. 06CC202059
Shasta Power Plant Penstock Painting, Shasta Division, CVP, CA
F.D. Thomas, Inc., Contractor

Work Performed:	August	0%
	Time Elapsed	17%
	Work Completed	0%
Contractor Earnings:	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office
Project Manager: Bob Gee

Office Engineering
Contract Administrator: Thomas Smith. Noting reported for August.

This contract was awarded on September 29, 2006. The Post Award Conference was held on December 7, 2006. Notice to Proceed was issued on December 7, 2006, making the required completion date December 11, 2009.

The Contractor mobilized onsite on May 2, 2007. Work on the exterior of penstock Nos. 1 and 4 was complete on May 25, 2007. I expect to receive the first invoice in early June.

Field Engineering
Field Engineer: Randy Wyatt
OGR: Dennis Edwards
Number of Contractor Employees: 0

No Field Engineering information was reported this period. No field work was performed this period.

Specifications No. (There is no specifications number for this contract.)
Contract No. 06CC204168
East Park Road Repair, Orland Project, CA
K.C. Equipment, Inc. Contractor

Work Performed:	August	0%
	Time Elapsed	45%
	Work Completed	100%
Contractor Earnings:	August	\$0.00
	Previous	\$498,777.00
	Total to Date	\$498,777.00

Area Office

Project Manager: William Bird

Office Engineering

Contract Administrator: Wanda O'Hara/Anne Campbell. Noting reported for August.

No Office Engineering information was reported this period.

Substantial Completion was issued December 6, 2005, and the Warranty of Construction will expire December 6, 2007.

Field Engineering

Field Engineer: Randy Wyatt

OGRs: Larry Beasley

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0512A

Contract No. 00CC202099

Rehabilitation of Power Transformers, Shasta Dam Powerplant, Shasta Division, CVP, CA

Siemens Westinghouse Technical Services, a Business of SE&A, Concord, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	89%

Contractor Earnings:	August	\$0.00
	Previous	\$2,309,250.78
	Total to Date	\$2,309,250.78

Area Office

Project Manager: Joe Ascoli

Office Engineering

Contract Administrator: Dennis Thompson

No administrative activity or change of status has occurred during this report period.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Stephen Holmes

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0624

Contract No. 05CC202002

J.F. Carr Powerhouse, Spring Creek Powerplant, and Trinity Powerplant Roof Recoating,

Trinity River Division, CVP, CA

Reva Murphy Associates, Inc., Oakland, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	\$0.00
	Previous	\$149,260.30
	Total to Date	\$149,260.30

Area Office

Project Manager: Brett Nichols

Office Engineering

Contract Administrator: Joshua Stuart. Noting to report for August.

There is nothing new to report this month

Substantial Completion was issued October 10, 2005, and the Warranty of Construction will expire October 10, 2010.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Larry Beasley

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0625

Contract No. 05CC202001

Shasta and Keswick Dams Building Reroofing, Trinity River Division, CVP, CA

Reva Murphy Associates, Inc., Oakland, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%

Contractor Earnings:	August	\$0.00
	Previous	\$1,009,517.45
	Total to Date	\$1,009,517.45

Area Office

Project Manager: Brett Nichols

Office Engineering

Contract Administrator: Joshua Stuart

Substantial Completion was issued November 14, 2005, for the Shasta Dam building and December 8, 2005, for the Keswick Dam building. The Warranty of Construction will expire December 8, 2025.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Larry Beasley

Number of Contractor Employees: 0

Onsite construction is complete

Specifications No. 20-C0672

Contract No. 06CC202092

Canyon Creek Suite of Rehabilitation Sites, Trinity River Division, CVP, CA

Erick Ammon Inc., Salyer, CA, Contractor

Work Performed:	August	
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	August	\$0.00
	Previous	\$1,152,895.82
	Total to Date	\$1,152,895.82

Area Office

Project Manager: Joe Riess

Office Engineering

Contract Administrator: Joshua Stuart. No changes to report for August.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Richard Milani

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. – 20-C0653A

Contract No. 07CC200001

Barrier Weir and Fish Ladder Modifications, Coleman National Fish Hatchery-- Shasta Division,
Central Valley Project, California

Adesta, Omaha NE, Contractor

Work Performed:	August	6.3%
	Time Elapsed	21.1%
	Work Completed	15.7%

Contractor Earnings:	August	\$402,674.64
	Previous	\$603,721.27
	Total to Date	\$1,006,395.91

Area Office

Project Manager: Sandy Osborn

Office Engineering

Contract Administrator: Kevin Jacobs. No report for August.

The contractor submitted Invoice No. 07044, Progress Pay Estimate No. 4, for the period of 6/25/2007 to 7/31/2007 which was reviewed, approved, and forwarded to the FAD for payment. See the attached CS&V.

There were no modifications executed in the month of July.

Work is progressing satisfactorily.

Field Engineering

OGR: Louis Campbell

Number of Contractor Employees:

**SOUTH-CENTRAL
CALIFORNIA
AREA OFFICE**

Specifications No. 20-C0603C

Contract No. 05CC203059

Fish Collection Facilities, North Side Utilities and Holding Building Modification, Delta Division, CVP, CA

Page Construction Co., Novato, CA, Contractor

Work Performed:	August	
	Time Elapsed	100%
	Work Completed	98%

Contractor Earnings:	August	\$92,504.21
	Previous	\$1,084,778.79
	Total to Date	\$1,177,283.00

Area Office

Project Manager: Joe Pennino

Office Engineering

Contract Administrator: Larry Kyes

Pay Estimate No. 15, was received, approved, and forwarded to the FAD this month. See the attached CS&V.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Don McCabe

Number of Contract Employees: 0

CONTRACT SUMMARY AND VOUCHER

PROJECT & DIVISION: Delta Division, Central Valley Project, California			
CONTRACT TITLE: Tracy North Side Utilities and Holding Building Modifications			
CONTRACT NO.: 05CC203059	SPECIFICATIONS NO.: 20-C0603C	Invoice No.: 15 CS&V No.: 15	PAYMENT TERMS: Progress Pmnts: Net 14 days Final Payment: Net 30 days
CONTRACTOR'S NAME AND ADDRESS: Page Construction Company 834 Vallejo Avenue Novato, CA 94945		PAYMENT NAME AND ADDRESS (if different):	

AWARD DATE: September 22, 2005	NOTICE TO PROCEED DATE: October 24, 2005	TIME ELAPSED : 100% WORK COMPLETED : 98%	TOTAL CONTRACT VALUE: \$1,196,981.11
INVOICE DATE (signed): August 8, 2007	RECEIPT PROPER INVOICE: August 13, 2007	PERIOD COVERED: 5/31/07 thru 7/31/07	TOTAL FUNDS RESERVED: \$1,196,981.11

EARNINGS/PAYMENT SUMMARY

	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$92,504.21	\$1,084,778.79	\$1,177,283.00
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$ 0.00
NET EARNINGS	\$92,504.21	\$1,084,778.79	\$1,177,283.00
RETENTION	\$0.00	\$0.00	\$ 0.00
NET ADJ. PAYMENTS	\$92,504.21	\$1,084,778.79	\$1,177,283.00

CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)

Original Calendar Days: 335 from NTP Original Required Completion Date: Sept 24, 2006
 Current Calendar Days: 506 (per Modification No. 17) Current Required Completion Date: March 14, 2007
 The contract was accepted as substantially complete on March 14, 2007.

Modifications: (since last voucher)

No.	Date	Description	Contract Price Adjustment
015	05/03/2007	Definitize Modification No. 005.	\$148.71
016	06/29/2007	Delete Conductors	\$-5,985.00
017	07/17/2007	Time extension of 171-calendar days.	\$0.00

PREPARED BY:

Larry E. Kyes 8/20/07
 CONTRACT ADMINISTRATOR DATE

CONCUR:

Lauren Carl 8/21/07
 CONTRACTING OFFICER'S REPRESENTATIVE DATE

Direct invoice questions to:

Larry E Kyes MPCO-212 530-934-1342
 Name Mail Code Phone No.

ADMINISTRATIVE APPROVAL

Mark E. Ventuleth 8/21/07
 CONTRACTING OFFICER DATE

Progress Payment Cost Authority No.:

A50-2050100-323H-19106501-2162100-3221800

net period earnings=

\$92,504.21

DISTRIBUTION: 84-27734(orig), MP-200, 3200, 3600, 3800, TO-430(Pennino), MPCO-305, McCabe, 630, 633

Rec'd
 AUG 22 2007
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Specifications No. 20-C0633A
Contract No. 06CC203022
Delta Cross Channel Radial Gate Rehabilitation
Extreme Coatings, Incorporation, Contractor

Work Performed:	August	0.0%
	Time Elapsed	100.0%
	Work Completed	100.0%
Contractor Earnings:	August	\$0.00
	Previous	\$1,062,919.68
	Total to Date	\$1,062,919.68

Area Office

Project Manager: Warren Feng, Tracy Office, South Central California Area Office

Office Engineering

Contract Administrator: Dan Larsen

The contract was awarded June 9, 2006.

The Post Award Conference was conducted on July 7, 2006, at the MP Construction Office, Willows, California. Substantial completion and acceptance was given effective November 1, 2006.

The as-built drawings were completed by Denver TSC and will be transmitted to the Area Office.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Larry Beasley

Onsite construction is complete.

Specifications No. 20-C0636
Contract No. 05CC202036
Bear Creek Pumping Plant and Pipeline, CVP, CA
Macro-Z-Technology Company, CA, Contractor

Work Performed:

Total Contract Time Elapsed (thru August)	122%
Work Completed (payments thru July)	85%

Contractor Earnings:	August	\$ 630,927.33
	Previous	\$5,944,733.37
	Total to Date	\$6,575,700.70

Area Office

Project Manager: Alan Stroppini MP-200

Office Engineering

Contract Administrator: Dennis Thompson MPCO-210

The contractor's invoice for March was No. 12, received May 7, 2007 and was approved for payment and forwarded to the Denver Finance Office. The Percent Work Completed (see table above) is based total payments as of Invoice No. 12. The Total Contract Time Elapsed (see table above), is based on the end of this report period (May 2007).

The estimated construction completion date is February 2008, due to pump/motor design/fabrication problems.

During this report period 3 contract submittals were received and 4 submittals were replied to.

The contractor submitted their proposed unit price revision for the overrun quantities for Bid Item No. 5-Stripping. It remains for MPCO to complete it's evaluation and negotiation and finalization of this unit price issue, for the MPCO Contracting Officer's review and approval.

FIELD ENGINEER: Randy Wyatt

OGR: Daniel F. Pavone

NO. of Contractor's Employees: 15

NO. of Sub-Contractor's Employees: 10

No Field Engineering report for August.

CONTRACT SUMMARY AND VOUCHER

PROJECT & DIVISION: San Luis National Wildlife Refuge, East Bear Creek Unit, California			
CONTRACT TITLE: Bear Creek Pumping Plant and Pipeline			
CONTRACT NO.: 05CC202036	SPECIFICATIONS NO.: 20-C0636	Invoice No.: 15 CS&V No.: 15	PAYMENT TERMS: Progress Pmnts: Net 14 days
CONTRACTOR'S NAME AND ADDRESS: Macro-Z-Technology Company 841 East Washington Avenue Santa Ana, CA 92701		PAYMENT NAME AND ADDRESS (if different):	

AWARD DATE: September 28, 2005	NOTICE TO PROCEED DATE: November 15, 2005	TIME ELAPSED : 122% WORK COMPLETED : 85%	TOTAL CONTRACT VALUE: \$7,673,122.25
INVOICE DATE: August 10, 2007	RECEIPT PROPER INVOICE: August 13, 2007	PERIOD COVERED: 07/01/07 thru 07/31/07	TOTAL FUNDS RESERVED: \$7,673,122.25

PAYMENT SUMMARY

	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$630,927.33	\$5,944,773.37	\$6,575,700.70
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00
NET EARNINGS	\$630,927.33	\$5,944,773.37	\$6,575,700.70
RETENTION (12%)	\$75,711.28	\$0.00	\$75,711.28
NET ADJUSTED PAYMENTS	\$555,216.05	\$5,944,773.37	\$6,499,989.42

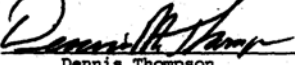
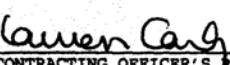

CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)
Original Performance Period and Completion Date: 440 calendar days
Current Performance Period and Completion Date: January 29, 2007, 509 calendar days, April 8, 2007

Current Estimated Completion Date = March 2008

Date Substantially Completed: (contract is not substantially complete as of this CS&V)

NOTE: There are time delay issues which may further extend the overall contract completion date.

Modifications: (since last voucher)			
No.	Date	Description	Contract Price Adjustment
02	08/14/2007	Modification No. 02 establish the final quantity for CLIN-5 and to establish a new CLIN-5a for a revised unit price and quantity for the overrun quantity of CLIN-5, Stripping, And to add the Removal and Disposal of 36-inch concrete pipe at 3 low water crossings.	\$ 40,730.07

PREPARED BY (Signature & Title):  Dennis Thompson		APPROVED BY (Signature & Title):  Lauren Carls	
DATE: 8/17/2007		DATE: 8/17/07	
CONTRACTING OFFICER'S REPRESENTATIVE		CONTRACTING OFFICER'S REPRESENTATIVE	
Direct invoice questions to: (Name, Code, Phone No.) Dennis Thompson MPCO-210 530-934-1357		ADMINISTRATIVE APPROVAL Mark Venskuleth  CONTRACTING OFFICER	
DATE: 8/17/2007		DATE: 8/17/2007	
Progress Payment Cost Authority No.: FUND: H37, BUD ORG: 2113000, JOB: 1000000, PROGRAM: 12056003, BOC/SUB: 323Y \$555,216.05			
DISTRIBUTION: 84-27734(orig), 86-68160, MP-3200, -3600, -200, MPCO-632, -305, -333, -210			

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9/7 name

Specifications No. 20-C0643

Contract No. 05CC203024

Tracy Fish Collecting Facilities, Biology Research Building, Tracy, CVP, CA

DynaRam Construction Company, Sacramento, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	221.1%
	Work Completed	76.3%
Contractor Earnings:	August (thru July)	\$89,082.34
	Previous	\$254,060.00
	Total to Date	\$343,142.34

Area Office

Project Manager: Joe Pennino

Office Engineering

Contract Administrator: Larry Bowman

Contract Summary and voucher No. 5 approved on August 25, 2007

Field Engineering

Field Engineer: Randy Wyatt

OGR: Don McCabe

Number of Contractor Employees: 0

No Field Engineering information was reported this period.

CONTRACT SUMMARY AND VOUCHER

PROJECT & DIVISION: Central Valley Project, California - Delta Division			
CONTRACT TITLE: Tracy Fish Collecting Facilities - Biology Research Building			
CONTRACT NO.: 05CC203024 ✓	SPECIFICATIONS NO.: 20-C0643	Invoice No.: 2201 CS&V No.: 05 ✓	PAYMENT TERMS: Progress Pmnts: Net 14 days ✓
CONTRACTOR'S NAME AND ADDRESS: Dynamam Construction, Inc. 4 Wayne Court Bldg. #1 Sacramento, CA 95829-1305 ✓		PAYMENT NAME AND ADDRESS (if different):	

AWARD DATE: September 27, 2005	NOTICE TO PROCEED DATE: December 28, 2005	TIME ELAPSED : 221.1% WORK COMPLETED : 76.3% ✓	TOTAL CONTRACT VALUE: \$449,804.67
INVOICE DATE: August 15, 2007 ✓	RECEIPT PROPER INVOICE: August 17, 2007 ✓	PERIOD COVERED: 07/16/07 thru 07/31/07 ✓	TOTAL FUNDS RESERVED: \$449,804.67

PAYMENT SUMMARY


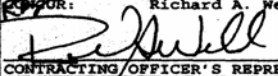

	THIS PERIOD	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$89,082.34	\$254,060.00	\$343,142.34
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00
NET EARNINGS	\$89,082.34	\$254,060.00	\$343,142.34
RETENTION	\$0.00	\$0.00	\$0.00
NET ADJ. PAYMENTS	\$89,082.34 ✓	\$254,060.00	\$343,142.34 ✓

CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)

Original Calendar Days: 270
 Original Contract Completion Date: 09/24/2006
 Current Completion Date: 09/24/2006 (no changes yet)
 Date Substantially Completed: (not complete yet)
 Time Impact Issues will be resolved with the next modification.

Contract Modifications: (since last voucher)

No.	Date	Description	Contract Price Adjustment

CERTIFIED CORRECT: Lawrence C. Bowman		ENDORSE: Richard A. Welsh	
 CONTRACT ADMINISTRATOR DATE 8/23/07		 CONTRACTING OFFICER'S REPRESENTATIVE DATE 8/23/07	
Direct invoice questions to: Larry Bowman MPCO-240 530-934-1348 Name, Mail Code, Phone No.		ADMINISTRATIVE APPROVAL Mark E. Ventuleth  CONTRACTING OFFICER DATE 8/23/07	
Progress Payment Cost Authority Activity: A50-2050100-323B-19106410-2162100-1300000 Net Period Earnings= \$89,082.34			
DISTRIBUTION: 84-27734(orig), MP-200, 3200, 3600, 3800 TO-430 (JPennino), 432 (BShimoto), MPCO-305, 335, 626, 630			

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Specifications No. 20-C0657

Contract No. 06CC202091

Office Buildings Modification, Fish Collecting Facilities, Delta Division, CVP, CA

MJ Avila Co., Contractor

Work Performed:	August	
	Time Elapsed	38%
	Work Completed	24%
Contractor Earnings:	August	\$25,662.21
	Previous	\$101,677.39
	Total to Date	\$127,339.60

Area Office

Project Manager: Joe Pennino

Office Engineering

Contract Administrator: Thomas Smith

This contract was awarded on September 30, 2006. Notice to Proceed with site work was issued as of April 30, 2007.

The Contract Summary and Voucher No. 3 was approved August 17, 2007.

The revised contract legal completion date was changed by Modification No. 001 from October 27, 2007 to December 26, 2007.

I expect two modifications next month, to require the contractor to demolish the wooden frame of the building and replace it with metal frame material; also, we will change HVAC system. A proposal for time extension is expected.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Don McCabe

Number of Contractor Employees: 0

CONTRACT SUMMARY AND VOUCHER

PROJECT & DIVISION: Central Valley Project -- Delta Division			
CONTRACT TITLE: Office Building Modification - Fish Collecting Facilities - Delta Division, Central Valley Project, California			
CONTRACT NO.: 06CC202091	SPECIFICATIONS NO.: 20-C0657	INVOICE NO.: 6060-001-03 CS&V No.: 3	PAYMENT TERMS: 14 days
CONTRACTOR'S NAME AND ADDRESS: MJ Avila company 7258 W. Rialto Ave. Fresno, CA 93723		PAYMENT NAME AND ADDRESS (if different)	
AWARD DATE: September 30, 2006	NOTICE TO PROCEED DATE: April 30, 2007	TIME ELAPSED %: 38% WORK COMPLETED %: 24%	TOTAL CONTRACT VALUE: \$480,000.00
INVOICE DATE: July 31, 2007	RECEIPT PROPER INVOICE: August 13, 2007	PERIOD COVERED: 7/1/07 thru 7/31/07	TOTAL FUNDS RESERVED TO DATE: \$480,000.00

PAYMENT SUMMARY

	THIS VOUCHER	PREVIOUS TOTAL	TOTAL TO DATE
GROSS EARNINGS	\$25,662.21	\$101,677.39	\$127,339.60
TOTAL ADJUSTMENTS	\$0.00	\$0.00	\$0.00
NET EARNINGS	\$25,662.21	\$101,677.39	\$127,339.60
RETENTION	\$0.00	\$0.00	\$0.00
NET PAYMENT	\$25,662.21	\$101,677.39	\$127,339.60

CONTRACT ADMINISTRATION DATA (contract completion date, modifications, time extensions, liquidated damages, etc.)

Notice to Proceed was issued by letter dated April 24, 2007 to begin work on April 30, 2007.
Construction Period: 180 days, revised by Modification No. 001 to 240 days
Completion Due Date: October 27, 2007, revised by Modification No. 001 to December 26, 2007

Modifications: (Since last voucher)

No.	Date	Description	Amount

CERTIFIED CORRECT BY (Signature & Title): <i>Thomas E. Smith</i> 8/16/07 CONTRACT ADMINISTRATOR DATE		CONCURRED BY (Signature & Title): <i>Carmen Carr</i> 8/17/07 CONTRACTING OFFICER'S REPRESENTATIVE DATE	
Direct invoice questions to: (Name, Code, Phone No.) Thomas Smith MPCO-222 (530) 934-7066		ADMINISTRATIVE APPROVAL <i>Mark E. Venable</i> 8/17/07 CONTRACTING OFFICER DATE	
Cost Authority No.: A50-1910-6501-322-13-0-0 254A 2050100 = \$ 25,662.21		Total for period Total to date \$ 127,339.60	
DISTRIBUTION: 86-68160, MP-3200			

* See attached sheet(s)

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Specifications No. 20-C0658
Contract No. 06CC202061
Bradbury Dam Modification, Hilton Creek Road,
Miramar Construction, Inc., Pomona, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	0%
	Work Completed	0%
Contractor Earnings:	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office
Project Manager: Darrin Williams

Office Engineering
Contract Administrator: Wanda J. O'Hara/Anne Campbell. No report for August.

No Office Engineering information reported this period.

The contract was awarded September 28, 2006 in the amount of \$184,634.00

The Postaward Meeting was conducted on October 30, at the MP Construction Office, Willows, California. It has been decided, best to start work after the winter rains. A NTP will be issued around April 1, 2007 for 75 days to complete work.

Field Engineering
Field Engineer: Richard Welsh
OGR:
Number of Contract Employees: 0

No Field Engineering information reported this period.

Specifications No. 20-C0670

Contract No. 06CC204185

Delta-Mendota Canal, Radial Gate Replacement, Delta Division, CVP, CA
San Luis & Delta Mendota Water Authority, , CA, Contractor

Work Performed:	August	0%
	Time Elapsed	49%
	Work Completed	0%
Contractor Earnings:	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office

Project Manager: Joe Pennino

Office Engineering

Contract Administrator: Thomas Smith

No change from last report.

Notice to Proceed was issued on November 2, 2006. Work on Check Structure No. 3 was completed on May 12, 2007.

Work on Check Structure No. 4 was completed on May 18, 2007. This completes the work for this calendar year. All work appears to be on schedule. The next portion of the work will begin in April, 2008, for Check Structure Nos. 1, 8, 9, and 10.

Fabrication and painting of the remaining 12 radial gates is expected to be complete by December 31, 2007.

We continue to await the first invoice. Note that the percentage of work completed indicates 0% due to the fact that the table is based on invoiced amounts. At this time, approximately 33% of the field work is complete.

Field Engineering

Field Engineer: Randy Wyatt

OGR: Don McCabe

Number of Contractor Employees: 0

No Field Engineering information was reported this period. No field work was performed this period.

Specifications No. 20-C0575A
Contract No. 03CC203018
Tracy 15kV Power Cable, Delta Division, CVP, CA
Cal Electro, Inc., Redding, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	99.57%
Contractor Earnings:	August	\$0.00
	Previous	\$1,812,915.87
	Total to Date	\$1,812,915.87

Area Office

Project Manager: Ron Silva

Office Engineering

Contract Administrator: Wanda O'Hara/Anne Campbell. No report for August.

No administrative changes reported this period.

Substantial Completion was issued June 3, 2005, and the Warranty of Construction will expire June 3, 2008.

Because of unresolved issues with required submittals, this contract has not been closed out yet. There are nine technical submittals that need to be submitted by contractor.

Closeout activities remain to be completed.

Field Engineering

Field Engineer: Randy Wyatt

OGR: David Derk

Number of Contractor Employees: 0

Onsite construction is complete.

Specifications No. 20-C0634

Contract No. 05CC203045

Lauro Dam Construction Project, Cachuma Project, CA

A.J. Diani Construction, Inc., Santa Maria, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	100%
	Work Completed	100%
Contractor Earnings:	August	\$0.00
	Previous	\$3,945,018.80
	Total to Date	\$3,945,018.80

Safety of Dams

Project Manager: Doug McElhinney

Office Engineering

Contract Administrator: Kevin Jacobs. No report for August.

Substantial Completion was issued January 4, and the Warranty of Construction will expire January 4, 2008.

Closeout activities remain

Field Engineering

Field Engineer: Reynaldo Garcia

OGR: Reynaldo Garcia

Number of Contractor Employees: 0

Onsite construction is complete.

Specification Nos. 20-C0665A

Contract No. 07CC200111

Friant Dam Office Addition and Remodel Project, CVP, CA

MRCI, Inc., Fresno, CA, Contractor

Work Performed:	August	0%
	Time Elapsed	*0%
	Work Completed	0%
Contractor Earnings:	August	\$0.00
	Previous	\$0.00
	Total to Date	\$0.00

Area Office

Project Manager: Ed Salazar

Office Engineering:

Contract Administrator: Walter Shaw

The contract was awarded August 7, 2007. Post Award Meeting was held on August 30, 2007. Contractor started submitting required submittals (RSN) and responses to those have been ongoing. Notice to Proceed was issued on September 10, 2007.

Field Engineering:

Field Engineer: Randy Wyatt

OGR: Dennis Edwards

Number of Contractor Employees: 0

No Field Engineering information reported this period.

MPCO LABORATORY REPORT

08/31/2007

U.S. Bureau of Reclamation
Concrete Construction Data

Page 1

Concrete Class: Structural for capitals
Report of Mixes Used From 07/01/2007 to 08/31/2007Mix Design Number: SG-1.0-5000
Specification Number: 20-C0642
Project: Orland
Feature: Stony Gorge Dam Modification

Percent Of										Fresh Concrete Tests					Compressive Strength Of					Individual Specimens (psi)													
Y ³			Coarse Aggregate		Yield Quantities per Cubic Yard					T					Air																		
Date	of	in each size	Pounds					Oz																									
Time	Conc	Sand	CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA	AD#4	AD#5	Eff	P	(ins)	Cem (pcf)	M C+P	Slump Meth	UW Meter	W/ Day	Grav Day	Press Day	3 Day	7 Day	28 Day	90 Year	180	1	
08/16/2007																																	
08:36	15.00	41.6	100.0	0.0	0.0	0.0	274	544	181	1173	1735	0	3.0	39.5	0.0	0.0	66	4.00	144.7	0.38	5.2	5.7		3660	#####								
3630 #####																																	
08/23/2007																																	
08:25	6.25	41.3	100.0	0.0	0.0	0.0	285	530	176	1133	1697	0	4.7	46.7	0.0	0.0	58	7.50	141.5	0.40	6.7	7.2		3360	#####								
3450 #####																																	
Design		38.9	100.0	0.0	0.0	0.0	263	564	188	1152	1860	0	4.0	55.0	0.0	0.0		3.00	149.2	0.35	5.0	5.0		5000									
AVG.		41.4	100.0	0.0	0.0	0.0	280	537	179	1153	1716	0	3.8	43.1	0.0	0.0	0.62	5.75	143.1	0.39	6.0	6.5		3525									
S.D.		0.2	0.0	0.0	0.0	0.0	8	10	4	28	27	0	1.2	5.1	0.0	0.0	6	2.47	2.2	0.02	1.1	1.1		144									
C.O.V		0.5	0.0	0.0	0.0	0.0	2.8	1.8	2.0	2.5	1.6	0.0	31.1	11.9	0.0	0.0	0.0	9.2	43.0	1.6	4.7	18.0	16.4		4.1								

Bureau.....: Required average strength = 6188 psi at 28 days. Based on 90% exceeding the design strength of 5000 psi & C.O.V. (Est.) = 15.0

ACL.....: Required average strength = 6200 psi at 28 days (n=0)

CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

= Specimen not broken as of report date.

Concrete Class: Structural Concrete
Report of Mixes Used From 07/01/2007 to 08/31/2007

Mix Design Number: SGD-1.5-4000
Specification Number: 20-C0642
Project: Orland
Feature: Stony Gorge Dam Modification

Percent Of										Fresh Concrete Tests					Compressive Strength Of										Individual Specimens (psi)									
y^3		Coarse Aggregate				Yield Quantities per Cubic Yard				T		Air			Cem M Slump UW							W/	Grav	Press	3	7	28	90	180	1				
Date	of	in each size				Pounds				E		Oz			(ins)							C+P	Meth	Meter	Day	Day	Day	Day	Day	Year				
Time	Conc	Sand	CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA	AD#4	AD#5	Eff	P	(ins)	C+P	Meth	Meter	Day	Day	Day	Day	Day	Year						
07/12/2007																																		
09:15	76.75	47.5	100.0	0.0	0.0	0.0	280	541	177	1375	1552	0	3.4	23.4	0.0	0.0	7.2	66	4.75	145.4	0.39	3.4	5.2		3110	4030								
07/24/2007																																		
08:17	84.00	51.5	100.0	0.0	0.0	0.0	282	547	187	1499	1442	0	3.2	20.8	0.0	0.0	7.7	66	3.50	146.6	0.38	2.5	4.6		3250	4100								
07/26/2007																																		
10:46	93.50	48.3	100.0	0.0	0.0	0.0	278	544	187	1433	1568	0	3.9	20.8	0.0	0.0	8.7	72	4.00	148.5	0.38	1.5	2.9		3820	4650								
08/30/2007																																		
09:33	88.00	51.9	100.0	0.0	0.0	0.0	281	528	181	1489	1414	0	3.1	20.1	0.0	0.0	64	5.50	144.2	0.40	4.0	5.1		#####	#####									
Design	38.0	100.0	0.0	0.0	0.0	0.0	282	529	176	1075	1795	0	3.0	15.0	0.0	0.0	5.00	142.9	0.40	5.0	5.0				4000									
AVG.	49.8	100.0	0.0	0.0	0.0	0.0	280	540	183	1449	1494	0	3.4	21.3	0.0	0.0	7.9	67	4.44	146.2	0.39	2.8	4.5		3403	4287								
S.D.	2.2	0.0	0.0	0.0	0.0	0.0	2	8	5	57	77	0	0.4	1.5	0.0	0.0	0.7	3	0.88	1.8	0.01	1.1	1.1		326	386								
C.O.V	4.4	0.0	0.0	0.0	0.0	0.0	0.6	1.5	2.7	4.0	5.2	0.0	10.3	7.0	0.0	0.0	0.0	9.4	5.1	19.7	1.3	1.8	38.3	24.0		9.6	9.0							

Bureau.....: Required average strength = 4950 psi at 28 days. Based on 90% exceeding the design strength of 4000 psi & C.O.V. (Est.) = 15.0
 ACI.....: Required average strength = 4545 psi at 28 days (n=18)
 CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

= Specimen not broken as of report date.

Concrete Class: Structural Concrete
Report of Mixes Used From 07/01/2007 to 08/31/2007

Mix Design Number: 156982
Specification Number: 20-C0643
Project: Central Valley
Feature: TFCF Biology Research Building

		Fresh Concrete Tests										Compressive Strength Of										Individual Specimens (psi)												
Percent Of		Yield Quantities per Cubic Yard										Air																						
Date	of	Coarse Aggregate	CA1	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA	AD#4	AD#5	Eff	P	(ins)	(pcf)	Cem	M	Slump	UW	W/	Grav	Press	3	7	28	90	180	1		
Time	Conc	Sand																																
07/12/2007																																		
06:36	104.50	41.8	100.0	0.0	0.0	0.0	307	616	0	1289	1716	0	2.1	25.2	0.0	0.0	7.0	77	3.50	145.5	0.50	3.4	2.1											
																		3310	4330															
																		3270	4240															
07/20/2007																																		
05:44	49.00	41.0	100.0	0.0	0.0	0.0	289	601	0	1242	1712	0	5.8	24.8	0.0	0.0	5.8	78	3.75	142.4	0.48	5.8	4.5											
																		2640	3450															
																		2620	3500															
Design	42.2	100.0	0.0	0.0	0.0	275	615	0	1279	1750	0	2.0	25.0	0.0	0.0		3.00	145.2	0.45	5.0	5.0													
AVG.	41.4	100.0	0.0	0.0	0.0	298	609	0	1266	1714	0	4.0	25.0	0.0	0.0	6.4	78	3.63	143.9	0.49	4.6	3.3												
S.D.	0.6	0.0	0.0	0.0	0.0	13	11	0	33	3	0	2.6	0.3	0.0	0.0	0.8	1	0.18	2.2	0.01	1.7	1.7												
C.O.V	1.4	0.0	0.0	0.0	0.0	4.3	1.7	0.0	2.6	0.2	0.0	65.3	1.2	0.0	0.0	13.0	1.0	4.9	1.6	2.5	37.6	51.4												
																		12.9	12.1															

Bureau.....: Required average strength = 4950 psi at 28 days. Based on 90% exceeding the design strength of 4000 psi & C.O.V. (Est.) = 15.0

ACI.....: Required average strength = 5200 psi at 28 days (n=4)

CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

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Concrete Construction Data

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Concrete Class: Structural Concrete
Report of Mixes Used From 07/01/2007 to 08/31/2007Mix Design Number: GC-4000
Specification Number: 20-C0653A
Project: Central Valley
Feature: Barrier Weir and Fish Ladder

Date Time	y^3 of Conc	Fresh Concrete Tests										Compressive Strength Of										Individual Specimens (psi)											
		Percent Of					Yield Quantities per Cubic Yard					T E	Air					Cem C+P	M Meth	Slump Meter	UW Day	W/ Day	Grav Day	Press Day	3 Day	7 Day	28 Day	90 Year	180	1			
		Coarse Aggregate					Pounds						Oz																				
		CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3		AEA	WRA	AD#4	AD#5	Eff														P	(ins)	(pcf)
07/11/2007	04:15	31.25	44.3	100.0	0.0	0.0	0.0	284	565	99	1271	1625	0	11.9	19.8	19.8	0.0	7.5	89	3.00	142.4	0.43	4.6	5.0		3380	4350						
07/19/2007	04:55	43.00	43.5	100.0	0.0	0.0	0.0	261	578	101	1268	1675	0	13.2	20.5	20.5	0.0	8.2	82	3.50	143.8	0.38	4.8	5.0		3750	4630						
07/27/2007	06:33	36.00	42.9	100.0	0.0	0.0	0.0	281	565	99	1229	1663	0	10.7	19.8	33.3	0.0	7.5	80	6.50	142.1	0.42	5.1	5.0		3410	4190						
08/03/2007	05:07	28.00	42.6	100.0	0.0	0.0	0.0	292	562	98	1206	1647	0	11.8	26.5	19.7	0.0	7.9	86	4.00	140.9	0.44	5.3	5.7		3540	4580						
08/14/2007	06:45	32.00	42.5	100.0	0.0	0.0	0.0	270	575	100	1240	1704	0	12.2	26.9	26.9	0.0	80	5.25	144.0	0.40	4.4	4.7		3660	#####							
08/17/2007	04:53	27.00	43.0	100.0	0.0	0.0	0.0	283	566	98	1238	1669	0	11.6	26.6	20.1	0.0	79	4.25	142.7	0.43	4.6	4.8		3550	#####							
08/21/2007	05:16	69.00	42.6	100.0	0.0	0.0	0.0	281	574	101	1243	1698	0	11.8	27.0	20.1	0.0	79	4.75	144.3	0.42	3.8	4.4		3480	#####							
08/27/2007	05:37	14.50	42.3	100.0	0.0	0.0	0.0	296	565	100	1205	1672	0	11.7	26.7	19.9	0.0	74	4.00	142.1	0.45	4.6	5.0		#####	#####							
08/30/2007	06:57	16.00	43.1	100.0	0.0	0.0	0.0	301	571	100	1241	1664	0	11.8	26.9	20.1	0.0	84	3.75	143.6	0.45	3.4	4.4		#####	#####							
Design		42.0	100.0	0.0	0.0	0.0		296	560	98	1198	1678	0	3.0	26.4	0.0	0.0		4.00	141.9	0.45	5.0	5.0			4000							
AVG.		43.0	100.0	0.0	0.0	0.0		283	569	100	1238	1669	0	11.9	24.5	22.3	0.0	7.8	81	4.33	142.9	0.42	4.5	4.9		3509	4406						
S.D.		0.6	0.0	0.0	0.0	0.0	12	6	1	23	24	0	0.6	3.4	4.7	0.0	0.3	4	1.05	1.1	0.02	0.6	0.4		164	258							
C.O.V		1.4	0.0	0.0	0.0	0.0	4.4	1.0	1.1	1.9	1.4	0.0	5.5	13.7	21.2	0.0	4.5	5.5	24.1	0.8	5.0	13.3	8.0		4.7	5.9							

Bureau.....: Required average strength = 4950 psi at 28 days. Based on 90% exceeding the design strength of 4000 psi & C.O.V. (Est.) = 15.0

ACL.....: Required average strength = 5200 psi at 28 days (n=8)

CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

= Specimen not broken as of report date.

Concrete Class: Boulder Grout
Report of Mixes Used From 07/01/2007 to 08/31/2007

Mix Design Number: 100
Specification Number: 20-C0654
Project: Central Valley
Feature: American River Pump Station-Phase II

Date Time	y^3 of Conc	Percent Of Coarse Aggregate in each size						Yield Quantities per Cubic Yard Pounds						Fresh Concrete Tests T E						Compressive Strength Of Air Oz Eff P (ins) (pcf)										Individual Specimens (psi)									
		CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA	AD#4	AD#5	Eff	P	(ins)	(pcf)	Cem M C+P	Slump Meth	UW Meter	W/ Day	Grav Day	Press Day	3 Day	7 Day	28 Day	90 Year	180	1								
07/06/2007																																							
06:42	172.50	57.4	100.0	0.0	0.0	0.0	298	689	155	1548	1193	2	50.7	73.9	0.0	0.0	8.8	84	6.00	143.8	0.35	4.7	5.6	4460	5890														
07/13/2007																																							
07:50	209.00	58.2	100.0	0.0	0.0	0.0	314	680	151	1532	1144	2	49.9	72.8	0.0	0.0	8.0	80	7.75	141.5	0.38	5.5	6.4	3630	5410														
07/20/2007																																							
07:22	237.50	57.4	100.0	0.0	0.0	0.0	315	699	157	1538	1184	2	52.3	59.6	0.0	0.0	8.5	82	4.00	144.2	0.37	3.9	6.2	4320	6030														
08/22/2007																																							
05:17	146.00	56.8	100.0	0.0	0.0	0.0	311	693	150	1496	1179	2	58.2	72.2	0.0	0.0	85	4.00	141.8	0.37	5.4	6.5	4240	#####															
08/28/2007																																							
05:45	168.50	57.3	100.0	0.0	0.0	0.0	342	692	156	1527	1179	2	67.9	74.3	0.0	0.0	82	5.50	144.3	0.40	2.8	6.0	#####	#####															
Design	55.5	100.0	0.0	0.0	0.0	280	674	150	1476	1176	2	62.0	74.2	0.0	0.0	4.50	139.2	0.34	7.5	7.5	4500																		
AVG.	57.4	100.0	0.0	0.0	0.0	316	691	154	1528	1176	2	55.8	70.6	0.0	0.0	8.4	83	5.45	143.1	0.37	4.5	6.1	4181	5820															
S.D.	0.5	0.0	0.0	0.0	0.0	16	7	3	20	19	0	7.5	6.2	0.0	0.0	0.4	2	1.57	1.4	0.02	1.1	0.4	356	325															
C.O.V	0.8	0.0	0.0	0.0	0.0	5.1	1.0	2.0	1.3	1.6	1.1	13.4	8.8	0.0	0.0	4.8	2.3	28.7	0.9	5.0	25.5	5.8	8.5	5.6															
Bureau.....: Required average strength = 5569 psi at 28 days. Based on 90% exceeding the design strength of 4500 psi & C.O.V. (Est.) = 15.0																																							
ACI.....: Required average strength = 5885 psi at 28 days (n=26)																																							
CURE METHOD..: Water Tank with an Average Cure Temperature of 70 - 76 (F)																																							
##### = Specimen not broken as of report date.																																							

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Concrete Construction Data

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Concrete Class: Structural Concrete
Report of Mixes Used From 07/01/2007 to 08/31/2007Mix Design Number: 300
Specification Number: 20-C0654
Project: Central Valley
Feature: American River Pump Station-Phase II

			Fresh Concrete Tests										Compressive Strength Of										Individual Specimens (psi)															
Date Time	y³ of Conc	Percent Of			Yield Quantities per Cubic Yard										T E	Air										Cem C+P	M Meth	Slump Meter	UW Day	W/ Day	Grav Day	Press Day	3 Day	7 Day	28 Day	90 Year	180	1
		Coarse Aggregate			Pounds											Oz																						
		Sand	CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA		AD#4	AD#5	Eff	P	(ins)	(pcf)																	
07/25/2007																																						
04:47	95.00	39.4	100.0	0.0	0.0	0.0	239	614	141	1174	1868	0	25.0	51.8	0.0	0.0	9.9	81	4.50	149.5	0.32	3.7	4.2											3890	6190			
4160 5940																																						
07/31/2007																																						
05:44	41.50	41.5	100.0	0.0	0.0	0.0	256	617	143	1237	1800	0	25.1	52.0	0.0	0.0	9.7	80	4.00	150.1	0.34	2.6	3.4											3890	5750			
4050 6170																																						
08/10/2007																																						
07:11	38.00	38.9	100.0	0.0	0.0	0.0	281	619	142	1140	1849	0	25.0	51.8	0.0	0.0	79	4.00	149.3	0.37	2.2	3.8												3450	#####			
3340 #####																																						
08/16/2007																																						
05:15	86.75	39.4	100.0	0.0	0.0	0.0	278	609	138	1149	1824	0	24.8	51.3	0.0	0.0	83	4.00	148.1	0.37	3.0	4.2												4530	#####			
4390 #####																																						
08/20/2007																																						
05:50	47.50	39.8	100.0	0.0	0.0	0.0	270	598	142	1142	1789	0	24.4	50.5	0.0	0.0	82	4.00	146.0	0.36	4.5	5.1												3860	#####			
3380 #####																																						
08/23/2007																																						
04:38	72.50	42.4	100.0	0.0	0.0	0.0	290	607	144	1237	1740	0	24.9	51.6	0.0	0.0	87	3.50	148.8	0.39	1.9	4.0												3940	#####			
3910 #####																																						
08/27/2007																																						
05:31	66.50	38.9	100.0	0.0	0.0	0.0	291	598	142	1123	1824	0	22.4	51.1	0.0	0.0	78	4.25	147.3	0.39	3.0	4.8												#####	#####			
#####																																						
Design																																						
	38.0	100.0	0.0	0.0	0.0	274	600	140	1082	1825	0	78.0	51.0	0.0	0.0		5.00	145.2	0.37	5.0	5.0												4500					
AVG.																																						
	40.0	100.0	0.0	0.0	0.0	272	609	142	1172	1813	0	24.5	51.4	0.0	0.0	9.8	81	4.04	148.4	0.36	3.0	4.2											3899	6013				
S.D.																																						
	1.4	0.0	0.0	0.0	0.0	19	9	2	47	42	0	1.0	0.5	0.0	0.0	0.2	3	0.30	1.4	0.03	0.9	0.6											371	209				
C.O.V																																						
	3.4	0.0	0.0	0.0	0.0	7.0	1.4	1.3	4.0	2.3	0.0	3.9	1.0	0.0	0.0	1.6	3.7	7.5	1.0	7.5	29.1	13.7											9.5	3.5				

Bureau.....: Required average strength = 5779 psi at 28 days. Based on 90% exceeding the design strength of 4500 psi & C.O.V. (n=60) = 17.3

ACL.....: Required average strength = 5957 psi at 28 days (n=60)

CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

= Specimen not broken as of report date.

Concrete Class: Structural Concrete
Report of Mixes Used From 07/01/2007 to 08/31/2007

Mix Design Number: KPC-W242
Specification Number: 20-C0674
Project:
Feature: Chiloquin Dam Removal & Pumping Plant

Fresh Concrete Tests																																
Compressive Strength Of															Individual Specimens (psi)																	
Percent Of															T																	
Yield Quantities per Cubic Yard															E																	
Coarse Aggregate															Air																	
Pounds															Oz																	
Date	of	in each size	CA1	CA2	CA3	CA4	Water	Cem	Poz	Sand	C.A.	AD#3	AEA	WRA	AD#4	AD#5	Eff	P	(ins)	Cem	M	Slump	U/W	W/	Grav	Press	3	7	28	90	180	1
Time	Conc	Sand																	(pcf)	C+P	Meth	Meter	Day	Day	Day	Day	Day	Day	Year			
07/27/2007																																
04:56	85.00	44.4	100.0	0.0	0.0	0.0	260	624	0	1359	1654	0	0.5	31.2	31.2	0.0	11.0	73	4.25	144.3	0.42	5.8	3.2									
															5010	6930																
Design																																
42.8 100.0 0.0 0.0 0.0 300 600 0 1280 1670 0 1.0 30.0 60.0 0.0 3.00 142.6 0.50 5.0 5.0 4000																																
AVG. 44.4 100.0 0.0 0.0 0.0 260 624 0 1359 1654 0 0.5 31.2 31.2 0.0 11.0 73 4.25 144.3 0.42 5.8 3.2 5440 6870																																

Bureau.....: Required average strength = 4950 psi at 28 days. Based on 90% exceeding the design strength of 4000 psi & C.O.V. (Est.) = 15.0
 ACI.....: Required average strength = 5200 psi at 28 days (n=2)
 CURE METHOD...: Water Tank with an Average Cure Temperature of 70 - 76 (F)

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0642

Mix Number : ALL Combined for This Specification

Project : Orland

Feature : Stony Gorge Dam Modification

Sand Gradations (ASTM)

Date	Percent Passing								FINE MOD	Moist %	Spec Grav	Spec Absorp
	No. 3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100	% -200				
Spec Max %	100.0	100.0	100.0	85.0	60.0	30.0	10.0					
Spec Min %	100.0	95.0	80.0	50.0	25.0	10.0	2.0					
08/16/2007	100.0	100.0	93.2	65.4	41.6	19.8	7.4	4.80	2.73	4.40	2.63	1.20
08/23/2007	100.0	100.0	93.2	65.0	41.3	22.1	7.3	4.60	2.71	3.60	2.63	1.20
08/30/2007	100.0	100.0	88.9	62.4	38.0	16.0	6.8	4.00	2.88	2.50	2.63	1.20
Average	100.0	100.0	91.8	64.3	40.3	19.3	7.2	4.47	2.77	3.50	2.63	1.20
S.D.	0.0	0.0	2.5	1.6	2.0	3.1	0.3	0.42	0.09	0.95	0.00	0.00
C.O.V.	0.0	0.0	2.7	2.6	4.9	16.1	4.3	9.32	3.35	27.26	0.00	0.00

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0642
Mix Number : ALL Combined for This Specification
Project : Orland
Feature : Stony Gorge Dam Modification

Nominal Size : #4 - 1" (ASTM)

Coarse Aggregate Gradations

Percent Passing Screen Sizes in Inches or Sieve Size Shown										
Date	1 1/2"	1"	1/2"	#4	#8	% Moist -200	Spec %	Grav	Absorp	
Spec Max %	100.0	100.0	60.0	10.0	5.0					
Spec Min %	100.0	95.0	25.0	0.0	0.0					
08/16/2007	100.0	100.0	40.1	2.1	1.0		0.30	1.60	2.77	1.70
08/23/2007	100.0	100.0	30.5	1.2	0.6		0.80	1.00	2.77	1.70
Average	100.0	100.0	35.3	1.6	0.8		0.55	1.30	2.77	1.70
S.D.	0.0	0.0	6.8	0.6	0.3		0.35	0.42	0.00	0.00
C.O.V.	0.0	0.0	19.4	39.4	38.6		64.28	32.64	0.00	0.00

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0642

Mix Number : ALL Combined for This Specification

Project : Orland

Feature : Stony Gorge Dam Modification

Nominal Size : #4 - 1 1/2" (ASTM)

Coarse Aggregate Gradations

Percent Passing
Screen Sizes in Inches or Sieve Size Shown

Date	2"	1 1/2"	3/4"	3/8"	#4	% Moist -200	Spec %	Grav	Absorp
Spec Max %	100.0	100.0	70.0	30.0	5.0				
Spec Min %	100.0	95.0	35.0	10.0	0.0				
08/30/2007	100.0	100.0	61.7	21.8	1.7	0.60	1.20	2.69	1.30
Average	100.0	100.0	61.7	21.8	1.7	0.60	1.20	2.69	1.30
S.D.	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
C.O.V.	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0653A
Mix Number : ALL Combined for This Specification
Project : Central Valley
Feature : Barrier Weir and Fish Ladder

Sand Gradations (ASTM)

Percent Passing													
Date	No. 3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100	% -200	FINE MOD	Moist %	Spec Grav	Spec Absorp	
Spec Max %	100.0	100.0	100.0	85.0	60.0	30.0	10.0						
Spec Min %	100.0	95.0	80.0	50.0	25.0	10.0	2.0						
08/03/2007	100.0	99.6	86.8	67.1	42.1	18.3	7.2	4.00	2.79	5.00	2.63	1.30	
08/14/2007	100.0	99.1	79.5	55.0	32.3	17.6	6.7	3.40	3.10	3.60	2.63	2.20	
08/17/2007	100.0	99.6	81.1	57.6	36.0	20.5	9.1	4.70	2.96	3.20	2.63	2.20	
08/21/2007	100.0	99.6	80.6	56.0	33.8	18.0	8.0	4.20	3.04	2.70	2.63	2.20	
08/27/2007	100.0	99.1	80.6	55.8	33.7	24.4	8.3	4.40	2.98	2.00	2.63	2.20	
08/30/2007	100.0	100.0	81.5	57.6	33.7	16.7	8.3	4.00	3.02	2.40	2.63	2.20	
Average	100.0	99.5	81.7	58.2	35.3	19.2	7.9	4.12	2.98	3.15	2.63	2.05	
S.D.	0.0	0.3	2.6	4.5	3.5	2.8	0.8	0.44	0.11	1.07	0.00	0.37	
C.O.V.	0.0	0.4	3.1	7.7	10.1	14.6	10.7	10.69	3.53	33.94	0.00	17.92	

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0653A
Mix Number : ALL Combined for This Specification
Project : Central Valley
Feature : Barrier Weir and Fish Ladder

Nominal Size : #4 - 1" (ASTM)

Coarse Aggregate Gradations

Percent Passing Screen Sizes in Inches or Sieve Size Shown										
Date	1 1/2"	1"	1/2"	#4	% #8	Moist -200	Spec %	Grav	Absorp	
Spec Max %	100.0	100.0	60.0	10.0	5.0					
Spec Min %	100.0	95.0	25.0	0.0	0.0					
08/03/2007	100.0	100.0	45.6	1.9	1.1	0.80	0.60	2.67	1.50	
08/14/2007	100.0	100.0	48.0	1.7	0.9	0.70	0.10	2.67	1.30	
08/17/2007	100.0	100.0	48.7	1.8	1.1	0.80	-0.20	2.67	1.30	
08/21/2007	100.0	100.0	46.8	1.6	1.0	0.60	0.20	2.67	1.30	
08/27/2007	100.0	100.0	46.3	1.1	0.7	0.30	0.80	2.67	1.30	
08/30/2007	100.0	100.0	47.5	1.6	0.9	0.40	1.30	2.67	1.30	
Average	100.0	100.0	47.1	1.6	1.0	0.60	0.47	2.67	1.33	
S.D.	0.0	0.0	1.1	0.3	0.2	0.21	0.54	0.00	0.08	
C.O.V.	0.0	0.0	2.4	17.5	17.5	34.96	116.32	0.00	6.12	

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0654

Mix Number : ALL Combined for This Specification

Project : Central Valley

Feature : American River Pump Station-Phase II

Sand Gradations (ASTM)

Date	Percent Passing								FINE MOD	Moist %	Spec Grav	Spec Absorp
	No. 3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100	% -200				
Spec Max %	100.0	100.0	100.0	85.0	60.0	30.0	10.0					
Spec Min %	100.0	95.0	80.0	50.0	25.0	10.0	2.0					
08/10/2007	100.0	99.9	88.4	66.5	41.9	22.3	10.8	3.90	2.70	5.60	2.65	1.30
08/16/2007	100.0	99.9	85.5	63.1	40.0	21.2	7.6	3.20	2.83	5.40	2.65	1.30
08/20/2007	100.0	99.9	85.2	63.0	39.1	20.1	7.1	3.20	2.86	4.50	2.65	1.30
08/22/2007	100.0	99.4	84.5	63.2	40.1	21.5	7.3	3.10	2.84	4.50	2.65	1.30
08/23/2007	100.0	99.9	85.8	63.2	38.5	22.7	6.6	3.10	2.83	4.10	2.65	1.30
08/27/2007	100.0	100.0	86.6	65.4	42.8	22.7	10.1	3.30	2.72	6.00	2.65	1.30
08/28/2007	100.0	100.0	85.6	64.1	40.7	20.3	8.6	2.90	2.81	5.70	2.65	1.30
Average	100.0	99.9	85.9	64.1	40.4	21.5	8.3	3.24	2.80	5.11	2.65	1.30
S.D.	0.0	0.2	1.2	1.4	1.5	1.1	1.6	0.32	0.06	0.73	0.00	0.00
C.O.V.	0.0	0.2	1.4	2.2	3.7	5.0	19.1	9.73	2.15	14.34	0.00	0.00

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0654
Mix Number : ALL Combined for This Specification
Project : Central Valley
Feature : American River Pump Station-Phase II

Nominal Size : #8 - 3/8" (ASTM)

Coarse Aggregate Gradations

Percent Passing Screen Sizes in Inches or Sieve Size Shown										
Date	1/2"	3/8"	#4	#8	#16	% Moist -200	Spec %	Grav	Absorp	
Spec Max %	100.0	100.0	30.0	10.0	5.0					
Spec Min %	100.0	85.0	10.0	0.0	0.0					
08/22/2007	99.9	90.6	18.7	1.2	0.6	0.80	1.90	2.75	1.80	
08/28/2007	99.8	85.1	17.4	1.2	0.7	0.20	2.70	2.75	1.80	
Average	99.8	87.9	18.0	1.2	0.6	0.50	2.30	2.75	1.80	
S.D.	0.1	3.9	0.9	0.0	0.1	0.42	0.57	0.00	0.00	
C.O.V.	0.1	4.4	5.1	0.6	16.8	84.85	24.60	0.00	0.00	

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Aggregate Gradation Summary

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From 08/01/2007 to 08/30/2007

Specification : 20-C0654
Mix Number : ALL Combined for This Specification
Project : Central Valley
Feature : American River Pump Station-Phase II

Nominal Size : #4 - 1" (ASTM)

Coarse Aggregate Gradations

Date	Percent Passing						Screen Sizes in Inches or Sieve Size Shown			
	1 1/2"	1"	1/2"	#4	#8	% Moist -200	Spec %	Grav	Absorp	
Spec Max %	100.0	100.0	60.0	10.0	5.0					
Spec Min %	100.0	95.0	25.0	0.0	0.0					
08/10/2007	100.0	99.8	42.3	1.9	0.5	0.40	0.60	2.74	1.50	
08/16/2007	100.0	100.0	55.2	2.9	2.2	0.40	0.80	2.74	1.50	
08/20/2007	100.0	100.0	37.0	2.8	0.7	0.20	0.70	2.74	1.50	
08/23/2007	100.0	100.0	85.7	6.6	0.8	0.60	1.70	2.74	1.50	
08/27/2007	100.0	100.0	63.3	2.2	0.5	0.20	1.00	2.74	1.50	
Average	100.0	100.0	56.7	3.3	1.0	0.36	0.96	2.74	1.50	
S.D.	0.0	0.1	19.2	1.9	0.7	0.17	0.44	0.00	0.00	
C.O.V.	0.0	0.1	33.9	57.9	75.6	46.48	45.76	0.00	0.00	