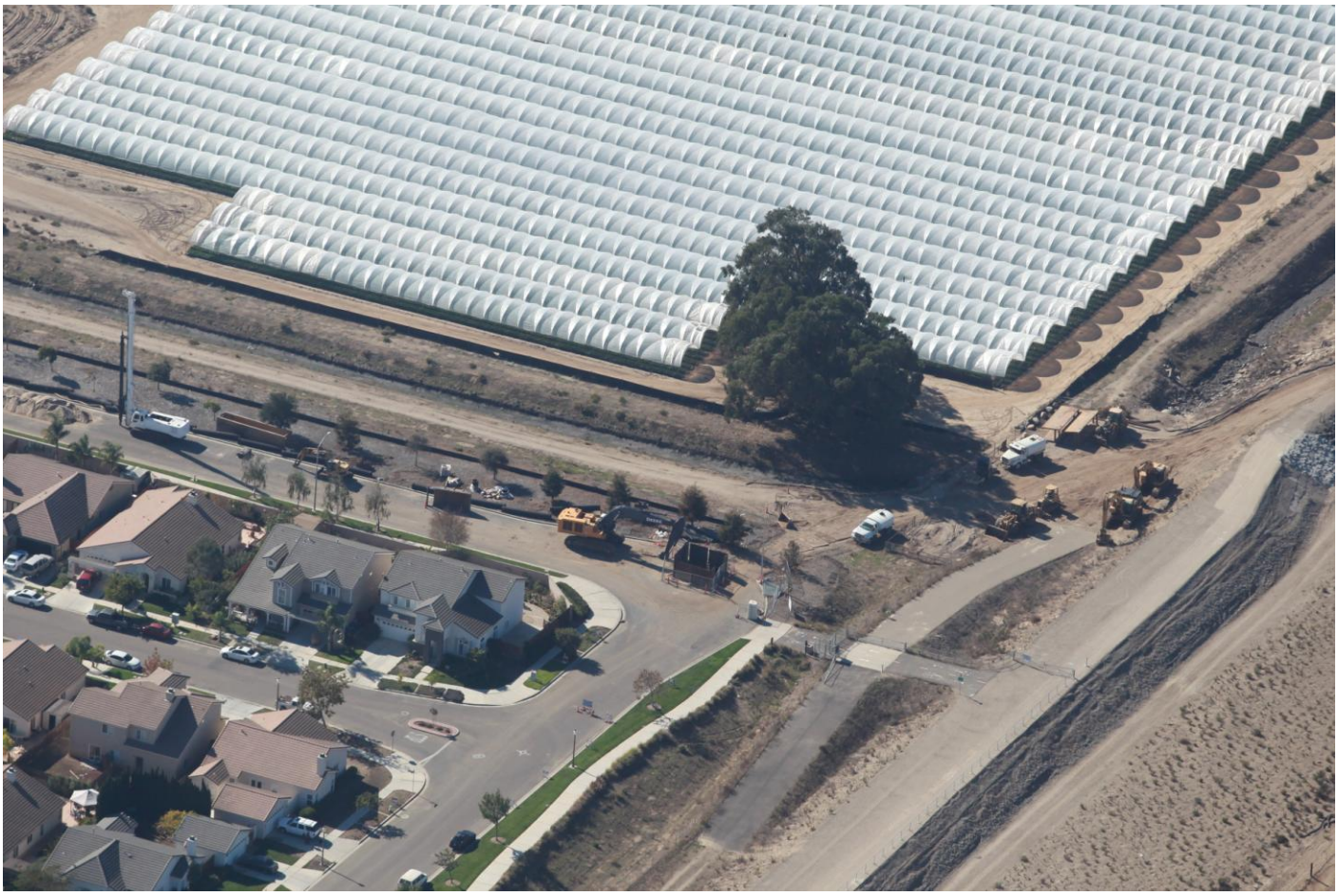
Nipomo Community Services District

Supplemental Water Project
Blosser Road Watermain Project

Monthly Progress Report



Prepared By:
MNS Engineers, Inc.

October 2014

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	September 24, 2014
Original Contract Days	120
Contract Days Added	0
Revised Contract Days	120
Elapsed Time (Days)	(33)
Remaining Time (Days)	87
Contract Completion Date	January 22, 2015
Time Elapsed to Date	28%
Work Completed to Date	34%
Approved Change Orders (Days)	0 days

Budget Summary

Original Contract Amount	$1,599,999.00
Approved Change Orders (Cost)	$0.00
Revised Contract Amount	$1,599,999.00
Previous Payments	$0.00
Current Month Pay Request	$536,585.95
Total Work Completed	$536,585.95
Work Remaining	$1,063,413.05

Progress Summary

River Area Pipe Installation

Summary of Work:

As of October 25, 2014 D-KAL completed all deep trench pipe installation in the river area except for approximately 100 feet which they could not install until the bore and jack under the levee was completed. During installation of the 24-inch DIP pipe in the river area, they relocated an 8-inch irrigation line and also began restoring the topsoil behind their pipe installation operation, working from the north to the south.

Pictures:

D-KAL hauling native material off-site to be screened and returned for use as backfill.

D-KAL installing 24-inch DIP in river area deep trench section.

D-KAL excavating beside trench shield to set it in place for more pipe installation.

Moisture conditioning backfill material for compaction over 24-inch DIP.

Ductile iron pipe delivered to the river area.

Ductile iron pipe delivered and staged along Blosser Road.

D-KAL backfilling and compacting over 24-inch DIP in river area.

D-KAL removing and preserving agricultural topsoil.

Johne Deere 850 excavator being delivered to site for bore and jack pit excavation.

D-KAL continuing excavation and installation of 24-inch DIP in river area.

D-KAL creating bench for deep pipe trench in river area.

Ductile iron pipe installation in river area.

Ductile iron pipe installation in river area.

Backfilling of deep trench pipe section in river area.

D-KAL watering and maintaining access road along deep trench in river area.

D-KAL pouring temporary thrust blocks on relocated irrigation line.

Relocated 8-inch PVC farm irrigation line.

D-KAL installing wax tape on joints of the 22-1/2 bend fitting on the deep trench pipe.

24-inch DIP wrapped in plastic and installed inside shoring.

D-KAL backfilling deep trench pipe installation in river area.

D-KAL installing top layer of pipe locating tape.

D-KAL compacting area over trench in preparation for top soil restoration.

D-KAL restoring agricultural topsoil behind the pipe installation operation.

Agricultural topsoil restored up to silt fence along west side of temporary construction easement.

Bore and Jack Under Levee

Summary of Work:

D-KAL excavated the bore and jack pit and installed the slip shoring. Their subcontractor, Pacific Boring, mobilized to the site, set up the bore and jack equipment, and as of October 25, 2014, had completed bore and jack of 240 feet of the 290 feet required of 36-inch steel casing under the levee. D-KAL also installed and monitored settlement monitors on the levee as required in the Contract Documents. D-KAL's subcontractor Meyer's Drilling installed steel I-beams for support of the steel plates at the receiving pit in Blosser Road, which was approximately 15' X 17' and 37' deep. D-KAL installed the steel plates between the I-beams as they excavated the receiving pit. They also welded horizontal I-beams into place between the vertical I-beams to support the steel plates.

Pictures:

D-KAL excavating bore and jack pit and installing slip shoring.

D-KAL installing slip shoring at bore and jack pit.

D-KAL installing slip shoring at bore and jack pit.

Slip shoring installed during bore and jack pit excavation.

D-KAL continuing excavation of bore and jack pit and installation of slip shoring.

D-KAL using mini-excavator in the bottom of the bore and jack pit to reach grade.

Pacific Boring setting track inside bore and jack pit.

Pacific Boring installing back brace located behind the bore and jack machine.

Bore and jack machine mobilized to the site by Pacific Boring.

Augers for bore and jack under levee arriving on site.


Pacific Boring mobilizing drill heads for bore and jack.

Pacific Boring operating bore and jack machine to begin boring first 36” steel casing section.


Steel casing staged for installing into bore and jack pit, with auger sections inside.

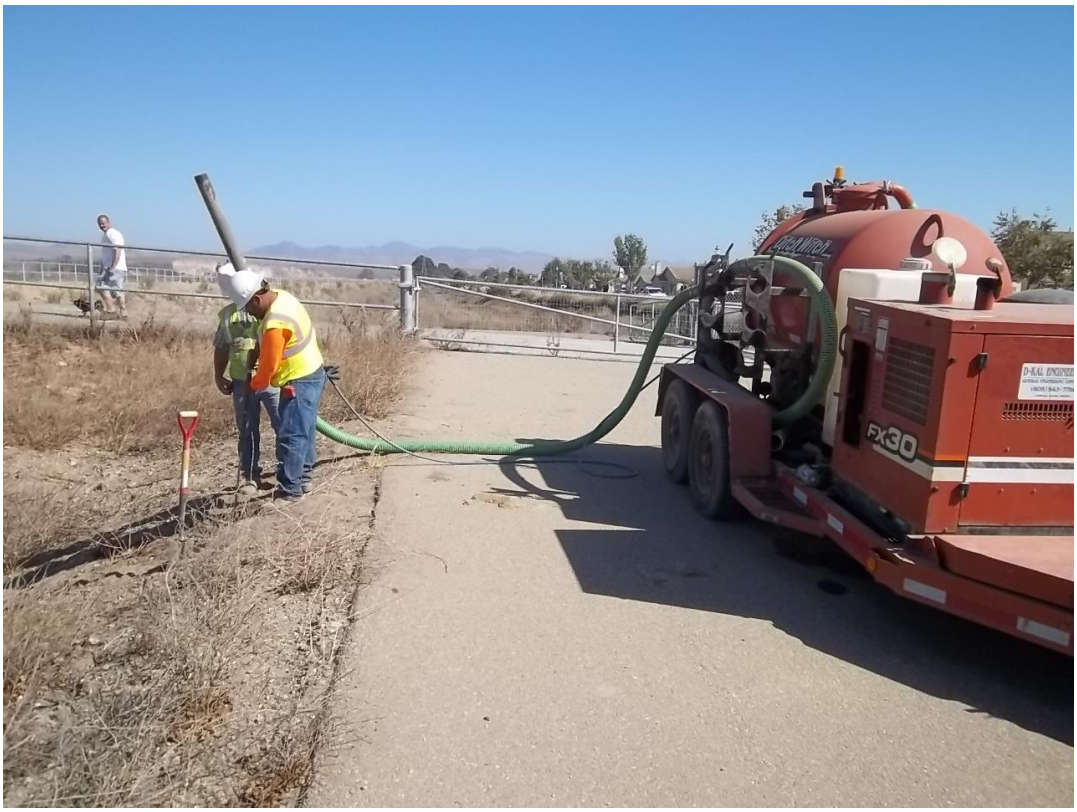
Pacific Boring installing another section of 36-inch steel casing pipe into bore and jack pit.

Pacific Boring welding another section of 36-inch casing to the one installed.

Removing material from bore and jack pit with clam shell and crane.

Pacific Boring placing another section of 36-inch steel casing pipe and auger into bore and jack pit.

Overview of bore and jack pit and Pacific Boring operation in river area.



D-KAL installing settlement monitors on the levee to monitor any changes during the bore and jack operation.

Settlement monitor installed.

D-KAL taking settlement monitor readings.

D-KAL subcontractor Meyers Drilling installing steel I-beams in Blosser Road for the receiving pit.


I-beams in place in Blosser Road for steel plate supports in the receiving pit.

Meyers Drilling finishing installation of I-beams in Blosser Road for steel plate supports in receiving pit.

D-KAL installing steel plates for shoring in receiving pit.

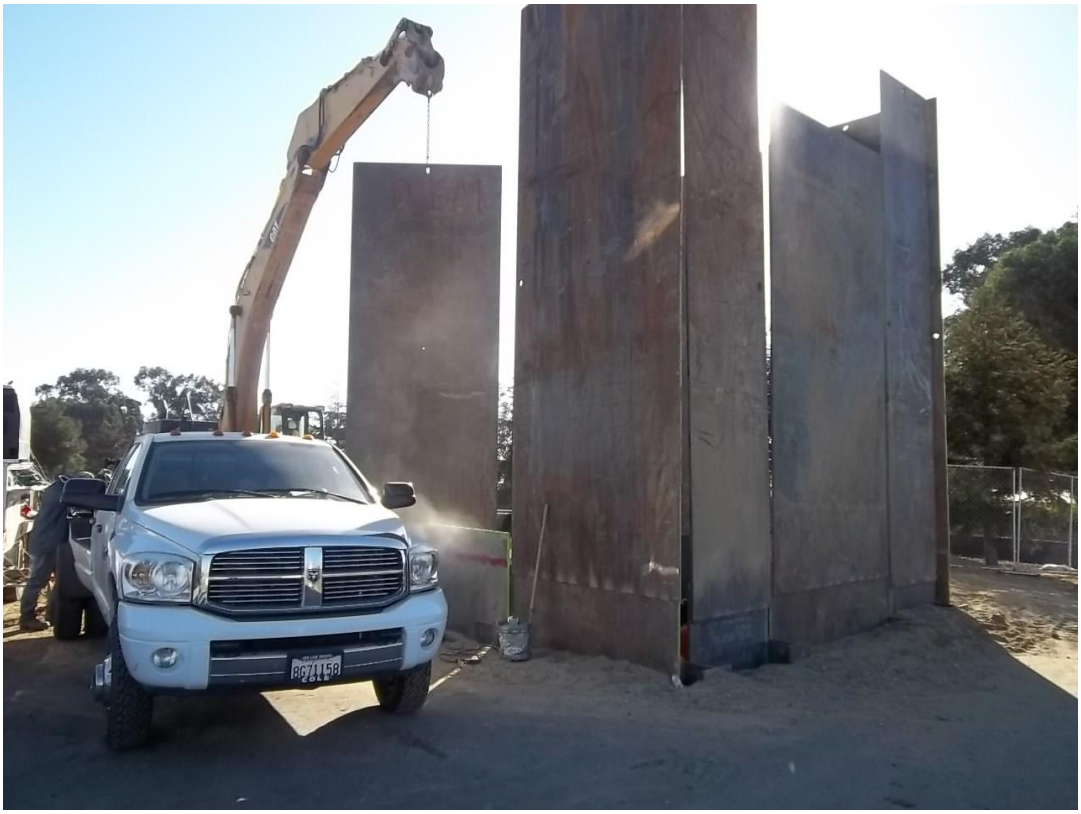
D-KAL installing steel plates as part of shoring in receiving pit.


D-KAL installing receiving pit shoring in Blosser Road.

D-KAL welding horizontal supports for shoring inside receiving pit.

First layer of steel plates driving down between I-beams at receiving pit.

D-KAL welding second layer of steel plates at receiving pit.



Second layer of steel plates being installed at receiving pit.

D-KAL welding second layer of horizontal supports inside the receiving pit at approximately 16 feet.

D-KAL using John Deere 850 excavator to excavate material from the receiving pit.

D-KAL using mini-excavator and JD 850 excavator in receiving pit at approximately 27 feet deep, digging to final grade of 37 feet.