

Nipomo Community Services District



Supplemental Water Project Blosser Road Watermain Project

Monthly Progress Report



Prepared By:
MNS Engineers, Inc.

February 2015

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	September 24, 2014
Original Contract Days	120
Contract Days Added	43
Revised Contract Days	163
Elapsed Time (Days)	(147)
Remaining Time (Days)	16
Contract Completion Date	March 13, 2015
Time Elapsed to Date	90%
Work Completed to Date	98%
Approved Change Orders (Days)	22 days

Budget Summary

Original Contract Amount	\$1,599,999.00
Approved Change Orders (Cost)	\$84,330.22
Revised Contract Amount	\$1,684,329.82
Previous Payments	\$1,497,149.02
Current Month Pay Request	\$148,091.80
Total Work Completed	\$1,645,240.82
Work Remaining	\$39,089.00

Progress Summary

Blosser Road Pipeline

Summary of Work:

D-KAL completed installation of the 24-inch DIP in Blosser Road from Atlantic Place to Taylor Street. They also installed the pig launch facility, the combination air release valves (CAV's), and the blow-offs. They relocated approximately 188 feet of an existing 18-inch storm drain which was too close to the new water line and moved it a minimum of 4 feet away to meet Division of Drinking Water standards. They repaired curb and gutter, installed valve cans and rings, and concrete pads for the CAV's. D-KAL successfully pressure tested and bacteria tested the pipe and appurtenances, and Ramsey Paving completed the trench paving except for both ends of the pipe at Taylor Street and Atlantic Place.

Pictures:



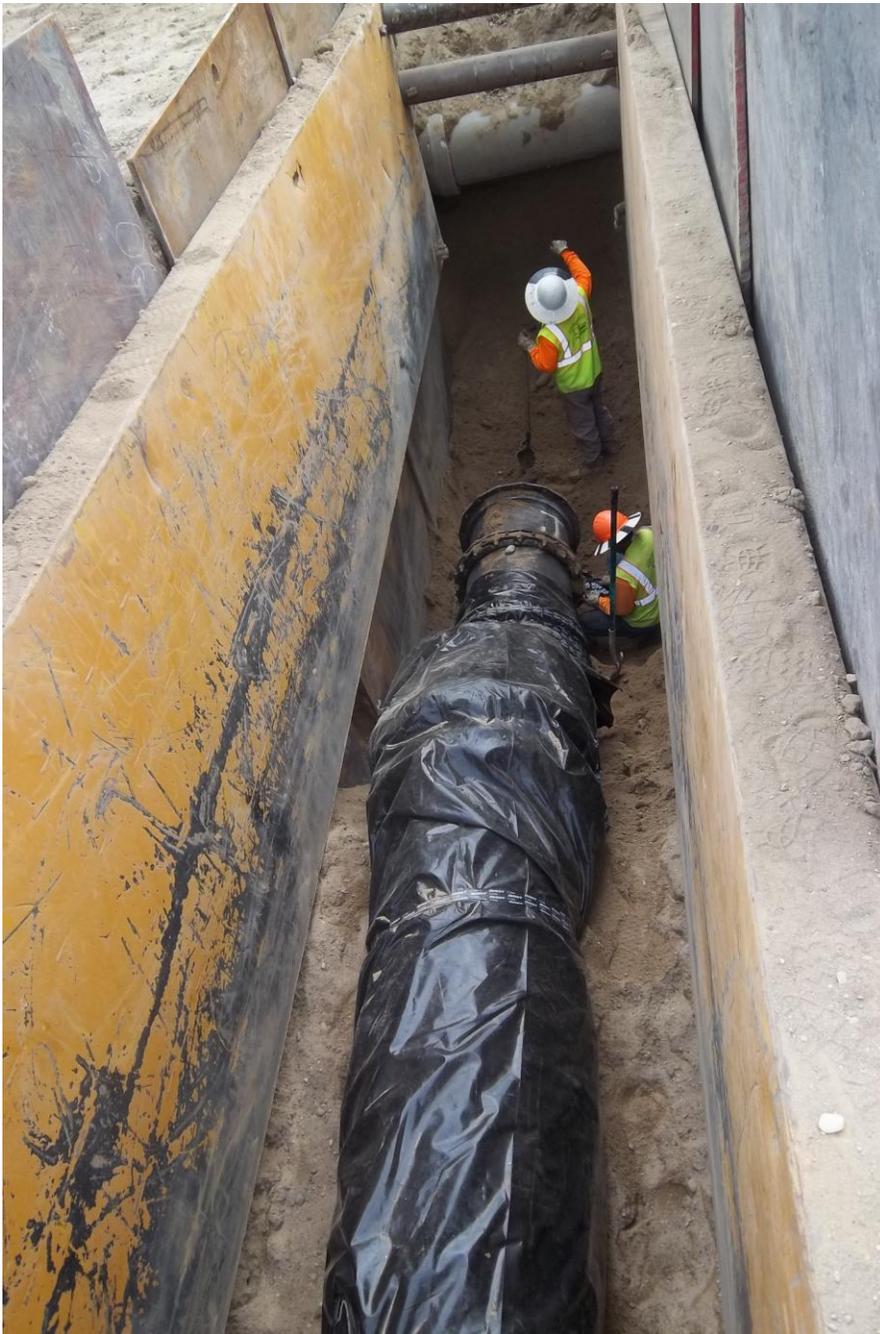
Butterfly valve bolted together with 45's for storm drain crossing approximate Station 12+00.



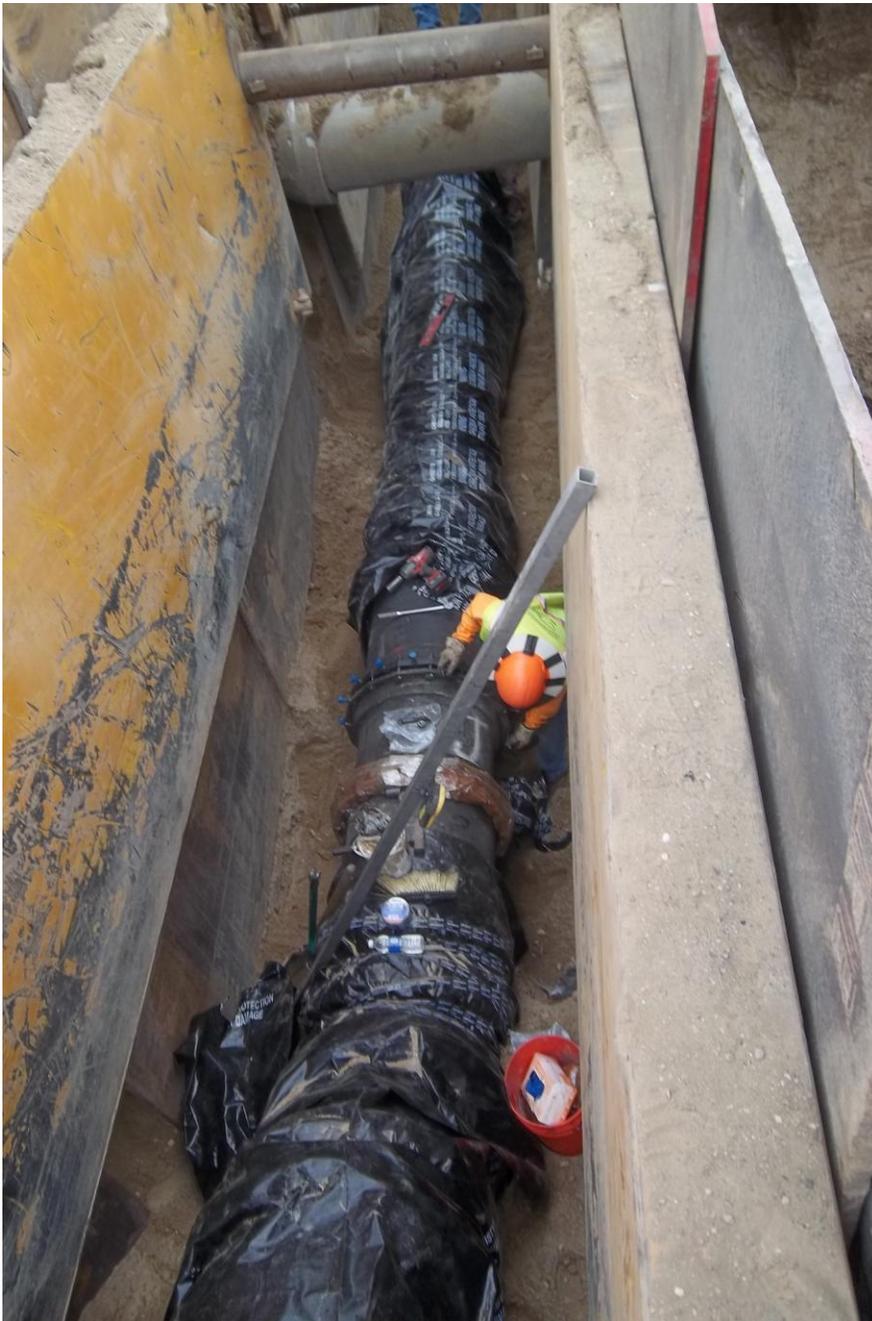
D-KAL excavating for storm drain crossing approximate Station 12+00.



18-inch RCP storm drain located at crossing near Station 12+00.



D-KAL installing 45 degree bend to go under 18-inch RCP storm drain crossing.



D-KAL installing 24-inch DIP under 18-inch RCP storm drain, approximate Station 12+00.



D-KAL placing steel plates to support area around catch basin at 18-inch RCP storm drain when trench shields are removed.



Furgro taking compaction tests.



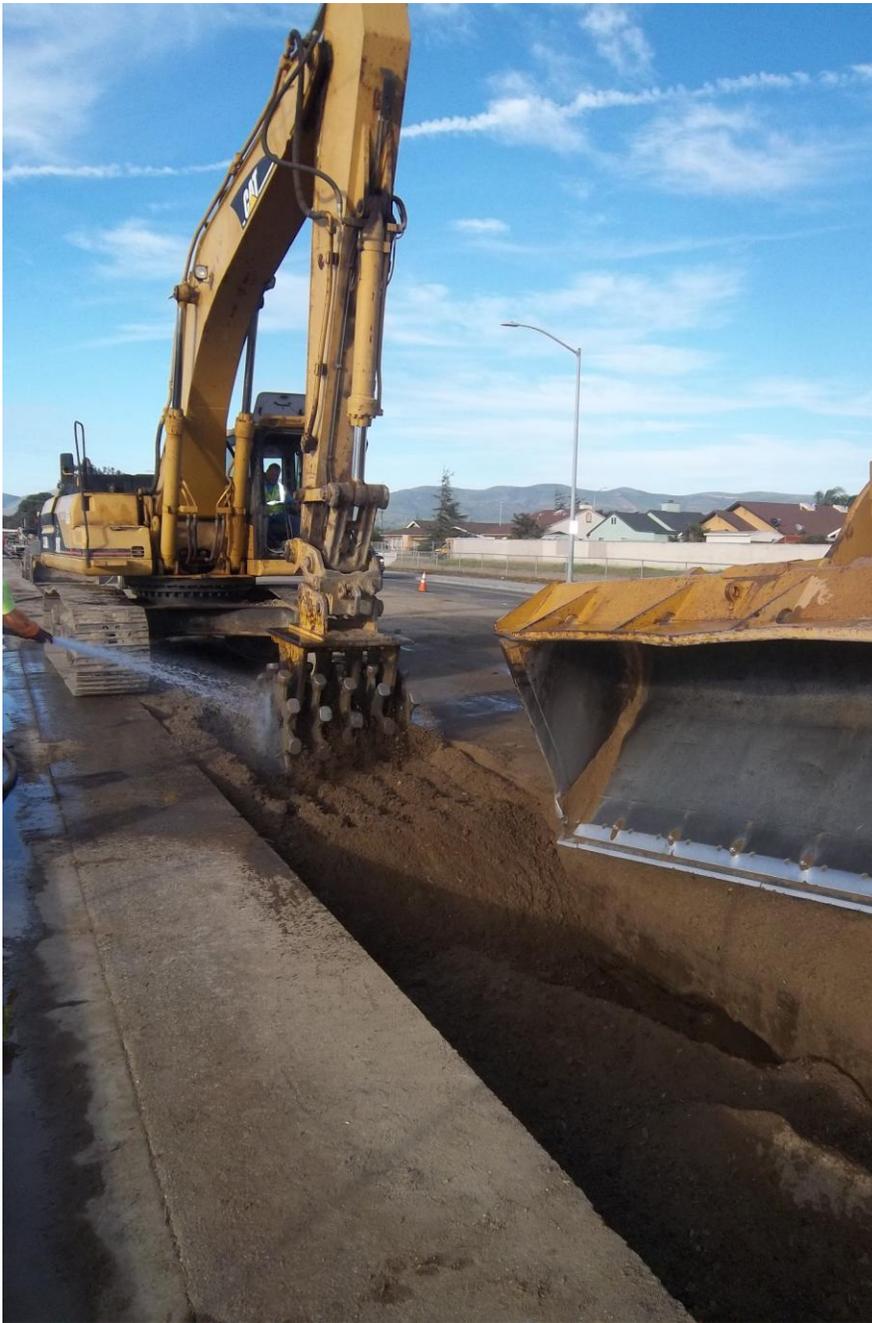
D-KAL continuing compaction over 24-inch DIP.



D-KAL installing tee for CAV.



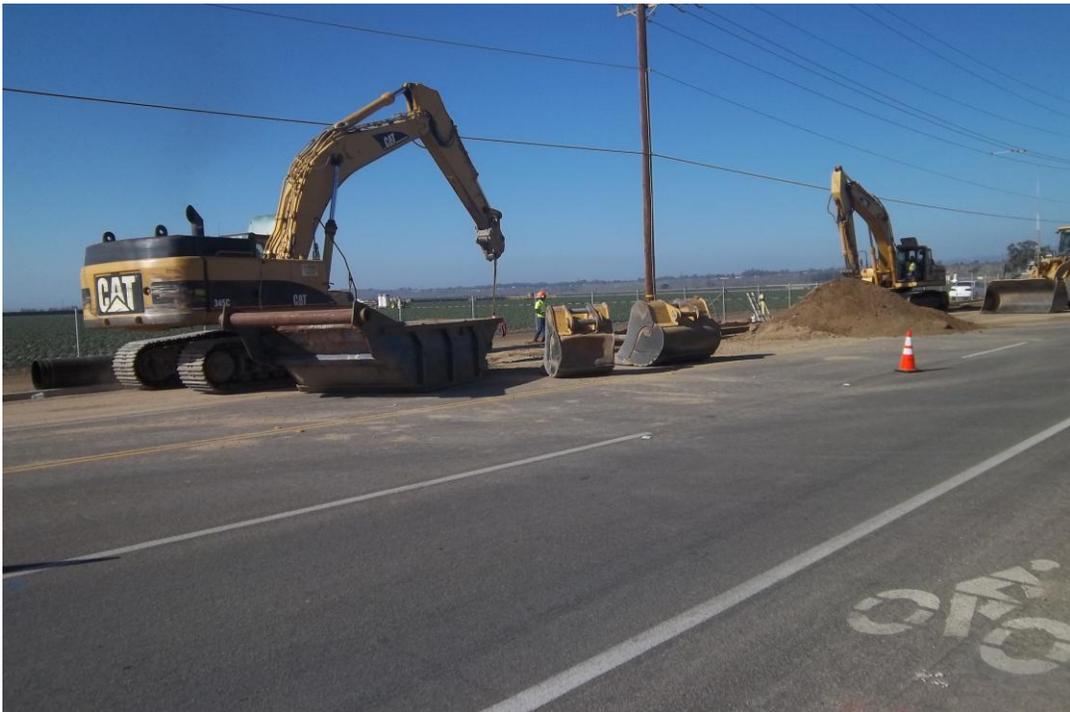
D-KAL installing 24-inch DIP.



D-KAL continuing backfill and compaction as 24-inch DIP is installed.



D-KAL nearing completion of 24-inch DIP in Blosser Road at Taylor Street.



D-KAL installing 24-inch DIP in Blosser Road near Taylor Street.



D-KAL installing the blind flange on the end of the last piece of pipe at Taylor Street.



D-KAL installing the last piece of 24-inch DIP in Blosser Road at Taylor Street.



D-KAL putting together the riser for the blow-off at the end of the pipe.



Blow-off and riser installed at the end of the pipe for testing, Station 1+07.



D-KAL installing 4-inch reducer on the 24 X 6-inch tee for the CAV, Station 5+33.



Installing riser for CAV at Station 5+33.



Gate valve installed for CAV at Station 5+33.



Gate valve and riser installed for CAV.



D-KAL preparing to remove the test plate from previously tested section of pipe under the levee and river area.



Test plate relocated to the other side of the 24 X 6-inch tee for testing remaining section of pipe from Atlantic to Taylor.



D-KAL getting ready to install the gate valve at the pig launcher.



D-KAL lowering 24-inch gate valve into trench at pig launcher.



Gate valve installed with pig launcher.



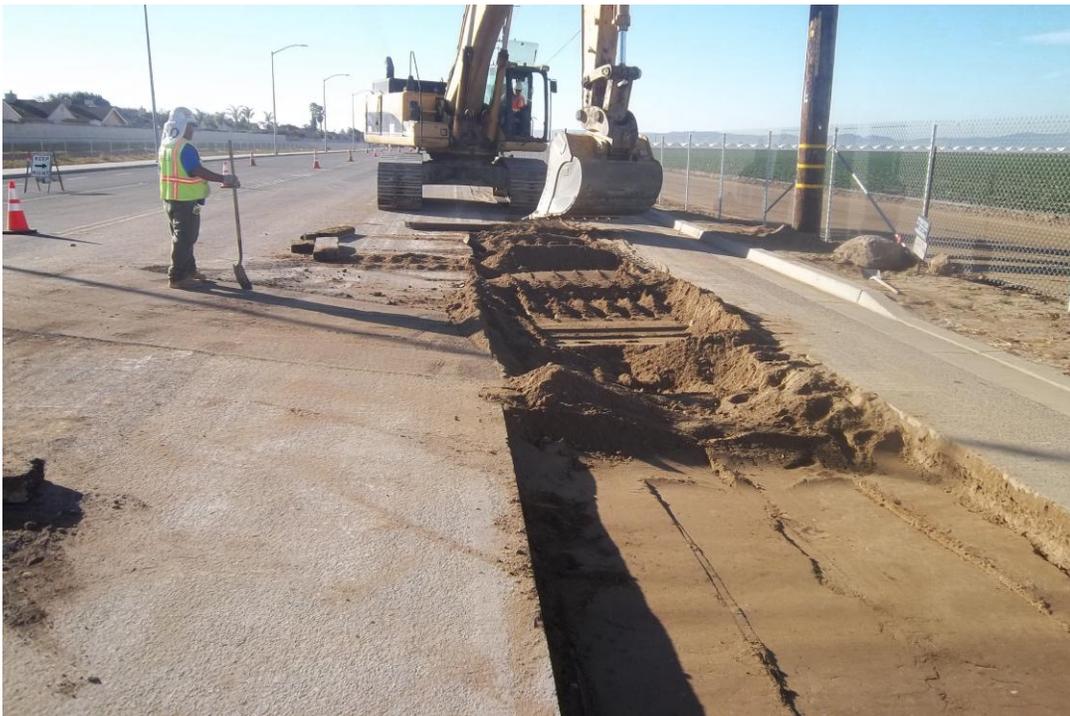
D-KAL preparing to pour concrete to support 24-inch gate valve.



D-KAL pouring two sack slurry over storm drain crossing at approximate Station 12+00.



D-KAL preparing the drainage inlet at the storm drain crossing for backfill with two sack slurry.



Remvoving existing AC at trench edges where it was sawcut to prepare for final paving, and excavating down for installing AB and asphalt.



D-KAL prepping trench for paving by removing top backfill, compacting sub-base and spreading and compacting AB.



D-KAL compacting base over trench in preparation for aggregate base.



D-KAL spreading aggregate base over trench in preparation for compaction and paving.



D-KAL spreading and grading the aggregate base over the trench.



D-KAL compacting the aggregate base over the trench in preparation for paving.



Saw cutting trench for storm drain relocation.



D-KAL removing the existing 18-inch RCP storm drain in Blosser Road which was located too close to the new waterline, and backfilling and compacting the native material as it is removed.



Pieces of existing 18-inch RCP removed from Blosser Road.



D-KAL installing trench shields for construction of the new 18-inch RCP located a minimum of 4 feet from the new 24-inch DIP waterline in Blosser Road.



D-KAL installing the relocated 18-inch RCP storm drain in Blosser Road.



D-KAL installing the relocated 18-inch RCP storm drain.



New and relocated 18-inch RCP installed a minimum of 4 feet from the 24-inch DIP waterline.



D-KAL making the final connections to the existing 18-inch RCP storm drain with the new and relocated storm drain.



Concrete collar poured at both connections of the new and existing storm drain.



D-KAL backfilling and compacting over storm drain as it is relocated.



D-KAL backfilling and compacting over the relocated storm drain in Blosser Road.



Furgo on site taking compaction tests of the subgrade.



Concrete thrust block under 90 degree riser and gate valve.



CAV installed at Station 5+33.



CAV installed at Station 18+06 with slurry backfill due to shallow depth of pipe.



Concrete pad poured under 24-inch gate valve on pig launcher.



D-KAL set-up for pressure test off gate valve at Station 50+83.



D-KAL injecting chlorine into the 24-inch DIP to disinfect for bacteria test.



Sodium hypochlorite injection and monitoring for dechlorinating water flushed from 24-inch DIP into Baker tank.



D-KAL flushing water from the end of the pipe line Taylor Street where it is dechlorinated going into a Baker tank before being released into the SBCFC drainage channel.



Dechlorinated water from flushing being released into a storm drain which connects to the SBCFC drainage channel.



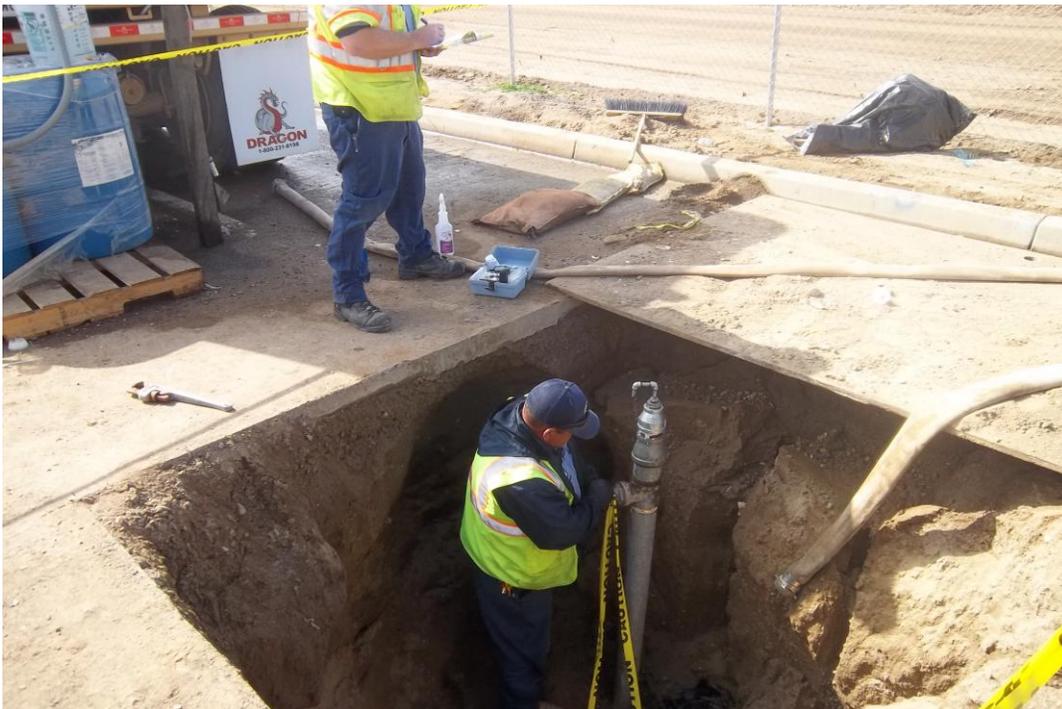
Dechlorinated water being released into the SBCFC storm drain channel.



Dechlorinated water released into the storm drain channel being pumped over the spillway into the detention basin for percolating back into the ground water.



D-KAL using water truck to contain water from flushing the blow-offs and CAV's.



District personnel taking a water sample from the end of the pipeline in Blosser for the bacteria test.



D-KAL doing curb and gutter repair along Blosser Road.



D-KAL pouring concrete for curb and gutter repair along Blosser Road.



Finished repair of concrete curb and gutter along Blosser Road.



Trench ready for paving with aggregate base compacted and edges oiled.



Ramsey Paving placing AC in Blosser Road to complete trench paving to near Taylor Street.



First lift of paving completed.



Ramsey Paving completing second lift of paving over trench in Blosser Road.



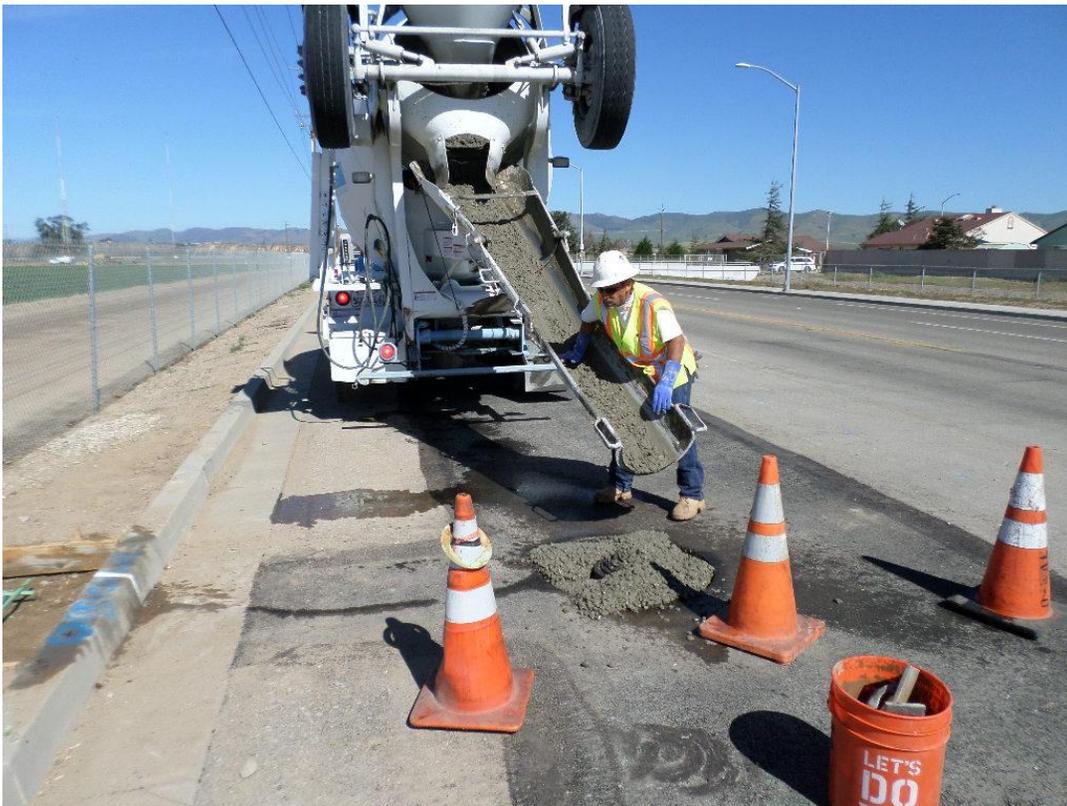
Ramsey paving completing paving of trench in Blosser to near the end at Taylor.



D-KAL jack hammering new pavement to locate valve risers and install valve cans and lids to grade.



D-KAL installing valve cans and lids to finish grade.



D-KAL pouring the concrete rings around the valve cans.



D-KAL installing concrete pads around CAV's.



D-KAL pouring the concrete pads at the CAV's.