

## ***Mobile Pipe Repairs Coal Tar Enamel Coating for Beta Offshore and CMAC Construction***

Coal Tar Enamel has provided decades of reliable, high performance corrosion protection for steel pipelines. The fully-plasticized enamel coating is extremely versatile and compatible with nearly all pipe sizes used in water transmission pipelines. Backed by automated equipment and 30 years of experience, Mobile Pipe in Adelanto, California can apply the coating rapidly and efficiently at costs substantially lower than competing products or vendors. The versatile coating can also be repaired at Mobile Pipe's facility, often with quick turnaround times, saving even more time and money.

### **Pipeline Details and Project Summary**

**Project:** Beta Offshore Pipe Rehabilitation  
**Location:** Long Beach, CA  
**Coating:** 125 mil TGF-3 Coal Tar Enamel  
**Substrate:** 110 LF of 16" X 52 Steel Pipe  
**Contractor:** Mark Nichols, CMAC Construction  
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The Existing Coating Prior to Mobile Pipe Repairs

In late 2013, Beta Offshore of Long Beach, California planned to complete an onshore pipeline using 10-inch and 16-inch steel pipe. However, the pipe in inventory had been sitting outside for three years. The existing coat of coal tar enamel had developed surface cracking due to the prolonged UV exposure. There were also severe indentations from storage. Upon examination, CMAC determined the pipe required remedial work to fix the damaged areas. Rather than purchasing new pipe or completely stripping the coating, CMAC sent 110 LF of 16-inch X52 steel pipe to be repaired quickly at Mobile Pipe in Adelanto, California.

In order to complete the project on schedule, the 16-inch pipe needed to be repaired and delivered onsite in less than a week. Mobile Pipe finished the repairs in one day, delivering the pipe onsite the following day.

Mark Nichols of CMAC Construction said, "Due to the time constraints and the cost difference, it was the best possible solution for Beta Offshore and CMAC to send the pipe to Mobile."

