

Project Overview

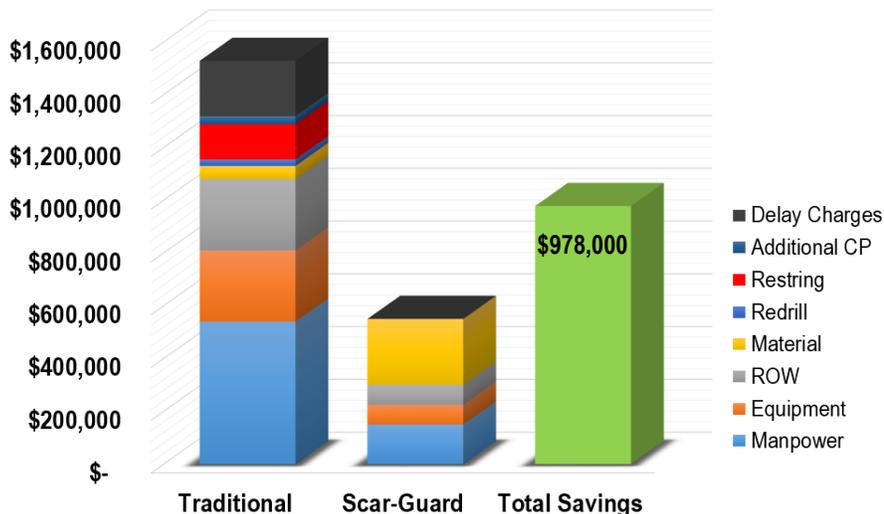
While pulling a 20" OD oil line through a HDD hole, the industry standard coating system of 60 mils epoxy on the girth weld was significantly damaged by gouges along the length and removal of the coating over the weld peaks. While this is very common in rocky areas, many companies turn a blind eye and hope the CP system will handle the damage they didn't address during construction. In this instance the pipeline owner understood that it was their responsibility to maintain a quality coating system to protect the line and employ its first line of defense, rather than depend on its secondary protection system. In exploring the repair costs of this 3,800' long pull they discovered it was going to be an additional \$1,528,000 to correctly redo this drill.

Alternative

87 miles south of this HDD, another contractor facing a similar fate opted to address the potential damage in a different manner. They elected to use Scar-Guard®, a moisture cured urethane system which is reinforced with fiberglass. Scar-Guard was easily applied over the epoxy systems and cured rapidly allowing for a quick pull. Although the unit cost of the material was nearly double the epoxy system, the application process was much easier and faster, saving production time and allowing them to start the pull sooner. No gouges made it through Scar-Guard and the rest of the pipeline production was able to proceed without further concern for the pipe that had just been pulled.

On a project where daily costs are \$60,000 or more, the few thousand extra spent on Scar-Guard sped up the pull and prevented the need for additional CP beds - and they didn't even lose one day of production for coating repair. Clearly a minor cost for the proactive contractor saved nearly \$1 Million that the reactive contractor had to pay.

Traditional Cost of Re-Pull vs. Scar-Guard Preventative Option



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