

**Final Project Completion Report**

**Project Name and Number:** 11400 South Pipeline Cathodic Protection Upgrades, #3937

**Description:** Installation of a new impressed current protection system along the 11400 South 33-inch steel pipeline. The work includes new test stations and exterior bonding (Schedule A), new anode wells and rectifiers (Schedule B), and interior continuity repairs, vault isolation, and vault painting (Schedule C).

**Project Manager:** Marcelo Anglade

<b>Engineer:</b>	<b>Infinity Corrosion Technologies Group</b>	<b>Design Status: 100%</b>
Original Engineering Contract Amount:		\$90,945
Current Engineering Contract Amount:		\$136,140

<b>Summary of Engineering Amendments:</b>		
<u>Description</u>		<u>Amount</u>
1 Design modifications of 2200 West vault and additional construction management services due to rebid and working with three contractors.		\$45,195
	Total Amendments Amount:	\$45,195

<b>Contractor:</b>	<b>Kantex Industries, Inc. (Schedule A), ICORR Technologies, Inc. (Schedule B), VanCon, Inc. (Schedule C)</b>	<b>Construction Status: 100%</b>
Original construction contract amount:		\$1,312,682
Total Change Order amount:		\$123,534
Current construction contract amount:		\$1,436,216
Total change orders as a percentage of original contract:		9.4%
Completion Schedule:		
Notice to Proceed:		12/1/2015
Final Completion:		7/5/2017

<b>Summary of Change Orders:</b>		
<u>Description</u>		<u>Amount</u>
A1 Quantity Reconciliation. (Kantex)		-\$577
B1 Anode bed relocation. (ICORR)		\$11,066
C1 Install 30-inch butterfly valve and associated items. (VanCon)		\$46,063
C2 Blowoff repairs, valve and fitting replacements. (VanCon)		\$34,625
C3 Vault isolation, clearwell modifications, and pipe grout repairs. (VanCon)		\$32,511
C4 Meter vault isolations at State Street. (VanCon)		\$35,110
C5 2700 West vault modifications and pipeline dewatering. (VanCon)		\$43,927
C6 SERWTP reservoir outlet and 2250 West vault modifications. (VanCon)		\$29,853
C7 Reduction of internal joint bond quantity. (VanCon)		-\$109,043
	Total Change Order Amount:	\$123,534

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Exterior joint bond in 11400 South vault



Finished pipe coating in 11400 South vault



11400 South Pipeline dewatering

New rectifier at 3200 West 11400 South

