

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
CORROSION CONTROL TEST STATION FIELD DATA SURVEY FORM

Cap Proj No : W-8169
 Contract # : 44-3327
 Location : 100' East of Future Calvert Drive
 T/S Type : ST/Anode
 T/S Number : 27
 Block Number : C07
 Date Surveyed : 10/09/96
 Surveyed by : R. Waldner/N. Powe
 Pipe Type : Ductile Iron
 Pipe Size : 36"
 ADC Map # : 17
 Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mounted; Water in test station
 Terminal Board : Not present
 Wires : Good
 Other : Concrete pad in good condition

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO4 (volts)		P/Zn (volts)		I anode (mA)
		"On"	"Off"	"On"	"Off"	
#10	Black	-900	-725	.252	.453	
#10 (Anode)	Red	-903	-1.749	.251	-.576	108.000
#10 (Anode)	Red	-1.767	-1.734	-.620	-.561	
#10	Black	-902	-725	.254	.457	
#12 (Zn)	Green	-1.147	-1.172			

P/Cu-CuSO4 = Pipe to Copper-Copper Sulphate Reference Cell
 P/Zn = Pipe to Zinc Permanent Reference Cell
 "ON" = Reading with Anode(s) Connected
 "OFF" = Reading with Anode(s) Disconnected
 I anode = Current Output of Anodes

IR Drop Calibration

$$K = \frac{\Delta I (A)}{\Delta E (mV)} = \frac{\quad}{\quad} = \quad$$

Direction :

REPAIRS MADE

Test Box: N/A
 Wires: N/A
 Board: N/A
 Other: N/A
 Comments: None