

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

Cap Proj No : W-8169
Contract # : 44-3327
Location : MD Route 108
T/S Type : ST/Anode
T/S Number : 04
Block Number : G08

Date Surveyed : 10/10/96
Surveyed by : R. Waldner/N. Powe
Pipe Type : Ductile Iron
Pipe Size : 36"
ADC Map # : 16
Tax Map Number :

TEST STATION CONDITION

Test Box : Not present
Terminal Board : Not present
Wires : Good
Other : No concrete pad

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO4 (volts)		P/Zn (volts)		I anode (mA)
		"On"	"Off"	"On"	"Off"	
#10	Black	-1.270	-1.170	-.088	.011	
#10 (Anode)	Red	-1.263	-1.720	-.084	-.536	32.000
#10 (Anode)	Red	-1.762	-1.741	-.580	-.558	
#10	Black	-1.266	-1.165	-.076	.008	
#12 (Zn)	Green	-1.181	-1.183			

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

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

Direction :

REPAIRS MADE

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