

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 : 02  
Block Number : G09

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	-1.266	-1.096	-.075	.085	
#10 (Anode)	Red	-1.266	-1.749	-.078	-.563	51.000
#10 (Anode)	Red	-1.766	-1.736	-.583	-.551	
#10	Black	-1.268	-1.091	-.071	.085	
#12 (Zn)	Green	-1.181	-1.184			

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

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

Direction :

REPAIRS MADE

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