

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

Cap Proj No : W-8169  
 Contract # : 44-3327  
 Location : Timbers at Troy Golf Course  
 T/S Type : ST/Anode  
 T/S Number : 20  
 Block Number : A09  
 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  
 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	-.939	-.687	.175	.498	
#10 (Anode)	Red	-.936	-1.705	.174	-.517	185.000
#10	Black	-.938	-.687	.178	.500	
#12 (Zn)	Green	-1.106	-1.186			

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