

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

Cap Proj No : W-8169  
 Contract # : 44-3327  
 Location : Future Marshalee Dr (150' W of stream)  
 T/S Type : ST/Anode  
 T/S Number : 25  
 Block Number : B08  
 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 : 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	-.945	-.703	.231	.460	
#10 (Anode)	Red	-.946	-1.681	.237	-.516	366.000
#10 (Anode)	Red	-1.749	-1.692	-.586	-.527	
#10	Black	-.941	-.703	.231	.463	
#12 (Zn)	Green	-1.158	-1.165			

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

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

Direction :

REPAIRS MADE

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