

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

Cap Proj No : W-8169
 Contract # : 44-3327
 Location : Old Stockbridge Rd
 T/S Type : ST/Anode
 T/S Number : 08
 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 : CP Flush Mounted; Water in test station
 Terminal Board : Present, not attached
 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	-1.376	-1.074	-.222	.071	
#10 (Anode)	Red	-1.379	-1.703	-.230	-.557	139.000
#10 (Anode)	Red	-1.694	-1.691	-.560	-.545	
#10	Black	-1.373	-1.074	-.222	.072	
#12	Green	-1.136	-1.146			

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

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

Direction :

REPAIRS MADE

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