

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 : 09
 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 : 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	-1.320	-1.058	-.209	.058	
#10 (Anode)	Red	-1.323	-1.677	-.203	-.559	118.000
#10 (Anode)	Red	-1.714	-1.703	-.613	-.586	
#10	Black	-1.312	-1.057	-.208	.059	
#12 (Zn)	Green	-1.101	-1.117			

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