

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

Cap Proj No : W-8169

Date Surveyed : 10/10/96

Contract # : 44-3327

Surveyed by : R. Waldner/N. Powe

Location : Old Stockbridge Rd

Pipe Type : Ductile Iron

T/S Type : ST/Anode

Pipe Size : 36"

T/S Number : 07

ADC Map # : 16

Block Number : G08

Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mounted

Terminal Board : Present, not connected

Wires : #10 Black lead wire is too short - unable to read

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	-1.431	-1.076	-.298	.043	
#10 (Anode)	Red	-1.431	-1.730	-.305	-.613	158.000
#10 (Anode)	Red	-1.698	-1.691	-.585	-.572	
#10	Black					
#12 (Zn)	Green	-1.111	-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

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

Direction :

REPAIRS MADE

Test Box: N/A

Wires: N/A

Board: N/A

Other: N/A

Comments: None