

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

Cap Proj No : W-8169

Date Surveyed : 10/09/96

Contract # : 44-3327

Surveyed by : R. Waldner/N. Powe

Location : Meadowridge Rd

Pipe Type : Ductile Iron

T/S Type : IJ/Anode

Pipe Size : 36"

T/S Number : 16

ADC Map # : 16

Block Number : J09

Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mounted; Not to grade

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	Green	-1.194	-1.109	-.038	.052	
#10	Red	-.799	-1.742	.354	-.584	75.000
#10	Black	-.795	-.665	.354	.500	
#10	Green	-1.194	-1.110	-.040	.052	
#12 (Zn)	Green	-1.149	-1.157			
#10	Black	-.790	-.665	.358	.497	

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: "ON" readings taken with anodes connected to #10 Black lead