

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

Cap Proj No : W-8169

Date Surveyed : 12/18/96

Contract # : 44-3327

Surveyed by : N.Powe/D. Stewart

Location : Rt. 108 & Mayfield Ave.

Pipe Type : Ductile Iron

T/S Type : IJ

Pipe Size : 36"

T/S Number : 01

ADC Map # : 16

Block Number : G09

Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mount

Terminal Board : Not Present

Wires : Good

Other : Concrete pad in good condition.

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO4 (volts)		P/Zn (volts)		I anode (mA)
		"On"	"Off"	"On"	"Off"	
#10	Green		-0.732		.482	
#10	Black		-1.031		.186	
#10	Green		-0.732		.483	
#12 (Zn)	Green		-1.220			
#10	Black		-1.032		.184	

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

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

Direction :

REPAIRS MADE

Test Box: N/A

Wires: N/A

Board: N/A

Other: N/A

Comments: None