

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 : Golden Fern Ct

Pipe Type : Ductile Iron

T/S Type : ST/Anode

Pipe Size : 36"

T/S Number : 24

ADC Map # : 17

Block Number : A08

Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mounted

Terminal Board : Not present

Wires : Good

Other : Wood form around 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	-0.836	-0.728	.260	.444	
#10 (Anode)	Red	-0.833	-1.717	.262	-.543	150.000
#10 (Anode)	Red	-1.695	-1.696	-.599	-.521	
#10	Black	-0.828	-0.731	.269	.446	
#12 (Zn)	Green	-1.096	-1.174			

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

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

Direction :

REPAIRS MADE

Test Box: N/A

Wires: N/A

Board: N/A

Other: N/A

Comments: Test station is near driveway entrance to 7300 Golden Fern Court