

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 : 350' East of Meadowridge Rd	Pipe Type : Ductile Iron
T/S Type : ST/Anode	Pipe Size : 36"
T/S Number : 17	ADC Map # : 16
Block Number : J09	Tax Map Number :

TEST STATION CONDITION

Test Box : Not present
Terminal Board : Not present
Wires : Zinc lead wire is too short
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	-.791	-.685	.402	.500	
#10 (Anode)	Red	-.795	-1.728	.398	-.543	70.000
#10 (Anode)	Red	-1.775	-1.731	-.586	-.546	
#10	Black	-.792	-.690	.403	.497	
#12 (Zn)	Green	-1.188	-1.183			

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

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

Direction :

REPAIRS MADE

Test Box: N/A
Wires: N/A
Board: N/A
Other: N/A
Comments: None