

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

Cap Proj No : W-8169	Date Surveyed : 01/22/97
Contract # : 44-3327	Surveyed by : N. Powe/D. Stewart
Location : Deer Ridge Lane	Pipe Type : Ductile Iron
T/S Type : IJ	Pipe Size : 36"
T/S Number : 28	ADC Map # : 17
Block Number : C07	Tax Map Number :

TEST STATION CONDITION

Test Box : No Box
Terminal Board : 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		- .810		.321	
#10	Black		-1.428		-.288	
#10	Green		- .810		.321	
#12 (Zn)	Green		-1.130			
#10	Black		-1.426		-.287	

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