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

Cap Proj No : W-8169
Contract # : 44-3327
Location : Timbers at Troy Golf Course
T/S Type : ST/Anode
T/S Number : 23
Block Number : A08

Date Surveyed : 10/09/96
Surveyed by : R. Waldner/N. Powe
Pipe Type : Ductile Iron
Pipe Size : 36"
ADC Map # : 17
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) "On"	P/Cu-CuSO4 (volts) "Off"	P/Zn (volts) "On"	P/Zn (volts) "Off"	I anode (mA)
#10	Black	-.927	-.699	.239	.468	
#10 (Anode)	Red	-.937	-1.671	.235	-.503	200.000
#10 (Anode)	Red	-1.696	-1.677	-.541	-.510	
#10	Black	-.924	-.699	.243	.467	
#12 (Zn)	Green	-1.153	-1.167			

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

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

Direction :

REPAIRS MADE

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