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 : 22
Block Number : B07

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	-.787	-.649	.374	.520	
#10 (Anode)	Red	-.787	-1.703	.368	-.534	123.000
#10 (Anode)	Red	-1.710	-1.691	-.547	-.522	
#10	Black	-.785	-.648	.377	.520	
#12 (Zn)	Green	-1.163	-1.169			

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