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

Cap Proj No : W-8169
Contract # : 44-3327
Location : 600' West of Future Calvert Drive
T/S Type : ST/Anode
T/S Number : 26
Block Number : C07

Date Surveyed : 10/09/96
Surveyed by : R. Waldner/N. Powe
Pipe Type : Ductile Iron
Pipe Size : 36"
ADC Map # : 16
Tax Map Number :

TEST STATION CONDITION

Test Box : Not present
Terminal Board : Not present
Wires : Good
Other : No 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	-.918	-.730	-.108	.444	
#10 (Anode)	Red	-.926	-1.686	-.096	-.519	80.000
#10 (Anode)	Red	-1.793	-1.710	-.969	-.543	
#10	Black	-.913	-.732	-.088	.445	
#12 (Zn)	Green	-.820	-1.166			

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