

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

Cap Proj No : W-8203
Contract # : 44-3480
Location : 200' N of 2200 Marriottsville Road.
T/S Type : IJ/A
T/S Number : 04
Block Number : A01

Date Surveyed : 02/21/97
Surveyed by : N. Powe/D. Stewart
Pipe Type : Steel Casing
Pipe Size : 12"
ADCMap # : 11
Tax Map Number :

TEST STATION CONDITION

Test Box : No Test Bo x
Terminal Board : No Board
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	Black	-.956	-.854	.191	.289	
#10	Black	-.942	-.853	.227	.290	
#10	Red	-.966	-1.667	.209	-.504	900.000
#12(Zn)	Dark Gn	-1.021	-1.290			
#10	Green	-.919	-.830	.233	.305	
#10	Green	-.919	-.831	.225	.304	

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: Located at 101+00.



Figure D - 7. Test Station No. 04



Figure D - 8. Close-up of Test Station No. 04