

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

Cap Proj No : W-8203

Date Surveyed : 03/13/97

Contract # : 44-9479

Surveyed by : N. Powe/C.Bevans

Location : Rt. 144 beside TRANSO Gas Lines

Pipe Type : Steel Casing

T/S Type: IJ

Pipe Size : 12"

T/S Number: 10

ADC Map # : 10

Block Number : G05

Tax Map Number :

TEST STATION CONDITION

Test Box : CP Flush Mount

Terminal Board : Board not connected

Wires : Good

Other : No Concrete pad

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO <sub>4</sub> (volts)		P/Zn (volts)		I anode (mA)
		"On"	"Off"	"On"	"Off"	
#8	White		-.720		.750	
#8	White		-.720		.750	
#8	Black		-.595		.887	
#8	Black		-.595		.887	
#12(Zn)	White		-1.470			

P/Cu-CuSO<sub>4</sub> = 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

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

Direction :

REPAIRS MADE

Test Box: N/A

Wires: N/A

Board: N/A

Other: N/A

Comments: Located at Station 87+50.



**Figure C - 1. Test Station at Station Number 87+50**



**Figure C - 2. Close-up of Test Station at Station Number 87+50**