

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

Location: 17+90 Date Surveyed: 2/15/2005
MD 108 - Near Mail Box 6138 Surveyed by: AC/MJ
 T/S #: 4 Contract #: 44-3327
 T/S Type: ST w/ Anode Pipe Size: 36"

Was Test Station located? YES/NO Yes

TEST STATION CONDITION

Test Box : Good
 Terminal Board : Good
 Wires : Good
 Other : _____

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Red	-1.622	-1.664	-0.500	-0.572	4.3
2)						
3) #10 AWG	Black	-1.624	-1.594	-0.509	-0.485	
4) #10 AWG	Green	-1.120	-1.101			
5)						
6) #10 AWG	Black	-1.623	-1.591	-0.507	-0.487	
7)						

P/Cu-CuSO₄ = Pipe to Copper - Copper Sulfate 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

REPAIRS MADE

Test Box: _____
 Terminal Board: _____
 Wires: _____
 Other: _____

Additional Comments/Recommendations: _____



Figure 133 – Location of Test Station 4



Figure 134 – Test Station 4 close up