

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

Location: 44+63 Date Surveyed: 2/16/2005
Old Stockbridge Drive Surveyed by: AC/MJ
 T/S #: 9 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) #6 AWG	Red	-1.616	-1.270	-0.580	-0.530	30.0
2) #10 AWG	Black	-1.446	-1.463	-0.260	-0.434	
3) #10 AWG	Black	-1.616	-1.513	-0.592	-0.434	
4) #10 AWG	Green	-1.010	-1.033			
5)						
6)						
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: Removed the layer of soil that was covering the Test Box.
 Terminal Board: _____
 Wires: _____
 Other: _____
 Additional Comments/Recommendations: _____



Figure 143 – Location of Test Station 9



Figure 144 – Test Station 9 close up