

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

Location: 55+25 Date Surveyed: 2/16/2005
Old Stockbridge & Chatfield Ln. Surveyed by: AC/MJ
 T/S #: 11 Contract #: 44-3327
 T/S Type: ST w/ Anode Pipe Size: 36"

Was Test Station located? YES/NO Yes

TEST STATION CONDITION

Test Box : Filled With Water
 Terminal Board : Submerged Under Water
 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) #8 AWG	Red	-1.552		-0.421	-0.639	36.4
2)						
3) #10 AWG	Black	-1.555		-0.425	-0.240	
4) #10 AWG	Green	-1.132				
5)						
6) #10 AWG	Black	-1.550		-0.425	-0.239	
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 147 – Location of Test Station 11



Figure 148 – Test Station 11 close up