

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

Location: 42+00 Date Surveyed: 2/16/2005
Branch Wood & Falling Leaves Surveyed by: AC/MJ
T/S #: 8 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	-1.536		-0.444	-0.654	39.2
2)						
3) #10 AWG	Black	-1.537		-0.443	-0.341	
4) #10 AWG	Green	-1.155				
5)						
6) #10 AWG	Black	-1.531		-0.402	-0.339	
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 141 – Location of Test Station 8



Figure 142 – Test Station 8 close up