

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

Location: 49+00 Date Surveyed: 2/18/2005
Golf Course Surveyed by: AC/MJ
T/S #: 23 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 : Bolts/Nuts are Oxidized

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #8	Red	-1.601	-1.637	-8.560	-0.668	14.0
2)						
3) #8	Black	-1.608	-1.335	-0.639	-0.439	
4) #10	White	-0.971	-0.927			
5)						
6) #8	Black	-1.407	-1.418	-0.442	-0.441	
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 167 – Location of Test Station 23



Figure 168 – Test Station 23 close up