

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

Location: 33+40 Date Surveyed: 2/17/2005  
Golf Course, W. of Gas ROW Surveyed by: AC/MJ  
T/S #: 21 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 <sub>4</sub> (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #8	Red	-1.526	-1.613	-0.438	-0.623	15.8
2)						
3) #10	Black	-1.523	-1.449	-0.439	-0.320	
4) #12	White	-1.125	-1.133			
5)						
6) #10	Black	-1.517	-1.494	-0.318	-0.355	
7)						

P/Cu-CuSO<sub>4</sub> = 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 163 – Location of Test Station 21**



**Figure 164 – Test Station 21 close up**