

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

**Location:** 55+50 **Date Surveyed:** 2/18/2005  
7300 Golden Fern Court **Surveyed by:** AC/MJ  
**T/S #:** 24 **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 :** 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	-1.512	-1.714	-0.434	-0.660	21.3
2)						
3) #8	Black	-1.517	-1.478	-0.441	-0.400	
4)						
5)						
6) #8	Black	-1.517	-1.482	-0.644	-0.399	
7) #10	Green	-1.635	-1.090			

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 169 – Location Test Station 24**



**Figure 170 – Test Station 24 close up**