

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

**Location:** Cedar Ave. **Date Surveyed:** 3/30/2005  
**T/S #:** 01 **Surveyed by:** AC/MJ  
**T/S Type:** ST w/ Anode **Contract #:** 24-3811  
**Pipe Size:** 8"

**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) #10	Blue	-1.189	-0.916	-1.425	-0.869	127.0
2) #8	Black	0.243	-0.018			
3) #10	Blue	-1.187	-0.902	-1.422	-0.865	
4) #6	Black	-1.141	-1.753	-1.427	-1.727	
5)						
6)						
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 197 - Location of Test Station 3811-1**



**Figure 198 - Test Station 3811-1 close-up**