

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

Location: 76+00 Date Surveyed: 2/18/2005  
Elk Mar Surveyed by: AC/MJ  
 T/S #: 27 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	-1.509	-1.747	-0.886	-1.449	17.0
2)						
3) #10	Black	-1.513	-1.470	-0.874	-1.215	
4)						
5)						
6) #10	Black	-1.495	-1.474	-0.873	-1.224	
7) #10	Green	-0.360	-0.292			

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 175 – Location of Test Station 27**



**Figure 176 – Test Station 27 close up**