

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

Location: 03+20 Date Surveyed: 2/17/2005  
E. of Meadowridge Road Surveyed by: AC/MJ  
 T/S #: 17 Contract #: 44-3327  
 T/S Type: ST w/ Anode Pipe Size: 36"

Was Test Station located? YES/NO Yes

**TEST STATION CONDITION**

Test Box : Covered with Grass  
 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 AWG	Red	-1.496	-1.679	-0.372	-0.654	36.0
2)						
3) #10 AWG	Black	-1.496	-1.378	-0.372	-0.263	
4) #10 AWG	Green	-1.130	-1.127			
5)						
6) #10 AWG	Black	-1.491	-1.375	-0.369	-0.256	
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 157 – Location of Test Station 17**



**Figure 158 – Test Station 17 close up**