

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

Location: 60+73 Date Surveyed: 2/18/2005  
Marshall Drive Surveyed by: AC/MJ  
 T/S #: 25 Contract #: 44-3327  
 T/S Type: ST w/ Anode Pipe Size: 36"

Was Test Station located? YES/NO Yes

**TEST STATION CONDITION**

Test Box : Concrete box was moved from its original position exposing the wires.  
 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	White	-1.508	-1.729	-0.417	-0.665	20.0
2)						
3) #8	Black	-1.494	-1.435	-0.418	-0.310	
4)						
5)						
6) #8	Black	-1.477	-1.434	-0.403	-0.327	
7) #10	White	-1.083	-1.103			

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: Repositioned the concrete box over the test station.  
 Terminal Board: \_\_\_\_\_  
 Wires: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Additional Comments/Recommendations: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Figure 171 – Location of Test Station 25



Figure 172 – Test Station 25 close up