

**MD ROUTE 175 AT SNOWDEN RIVER PARKWAY**

**1. Test stations**

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

Location: (00+15) Date Surveyed: 8/30/02  
On the dividing island Surveyed by: DT/MJ  
 T/S #: 175A Contract #: L6154  
 T/S Type: ST/w Anode Pipe Size: 30"

Was Test Station located? YES/NO Yes  
 If NO, then how much time was spent locating? \_\_\_\_\_

**TEST STATION CONDITION**

Test Box : Good  
 Terminal Board : Good  
 Wires : Wiring is not according the as-built schedule  
 Other : Test Station is not an IJ as the drawing indicate

**SURVEY DATA**

Test Wire Size/Description	Color	P/Cu-CuSO <sub>4</sub> (V)		P/Cu-CuSo <sub>4</sub> (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Blue	-1.195	-1.078	-1.312	-1.062	207
2)						
3) #10 AWG	Blue	-1.197	-1.079	-1.307	-1.061	
4) #8 AWG	Black	-1.197	-1.521	-1.315	-1.502	
5)						
6) #10 AWG	White	-0.120	-0.014			
7)						

P/Cu-CuSO<sub>4</sub> = Pipe to Copper - Copper Sulfate Reference Cell  
 P/Cu-CuSO<sub>4</sub> = Pipe to CuCuSO<sub>4</sub> Permanent Reference Cell  
 "On" = Reading with Anode(s) connected  
 "Off" = Reading with Anode(s) disconnected  
 I Anode = Current output of anodes

IR Drop Calibrations	I (Amps)	E (mV)
Initial		
Final		
Delta		

K =          ? I (mA)  
         ? E (mV)  
 Direction; \_\_\_\_\_

Between Terminals	Resistance (Ohms)

**REPAIRS MADE**

Test Box: \_\_\_\_\_  
 Terminal Board: \_\_\_\_\_  
 Wires: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Additional Comments/Recommendations: \_\_\_\_\_



**Figure 59 - Test station 175A**



**Figure 60 - Test station 175A, close-up**