

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

Location: (08+77) Date Surveyed: 8/15/02  
 T/S #: 175B Surveyed by: DD/MJ  
 T/S Type: CS Contract #: L6154  
 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 : Good  
 Other : \_\_\_\_\_

**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		-1.425			
2) #10 AWG	White		-0.730			
3) #10 AWG	Blue		-1.424			
4)						
5) #10 AWG	White		-0.730			
6)						
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 61 - Test station 175B**



**Figure 62 - Test station 175B, close-up**