

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

Location: (11+68) Date Surveyed: 8/15/02
 T/S #: 175C Surveyed by: DD/MJ
 T/S Type: CS / w Anode 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 : Not following the wiring schedule

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Cu-CuSo ₄ (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Blue	-1.470	-1.363			85
2) #10 AWG	White	-0.712	-0.682			
3) #10 AWG	Blue	-1.454	-1.362			
4) #8	Black	-1.473	-1.578			
5) #10 AWG	White	-0.712	-0.684			
6) #10 AWG	White	-0.166	-0.129			
7) #12 AWG	Black	-0.646	-0.614			
8) #12 AWG	Black	-0.624	-0.617			

P/Cu-CuSO₄ = Pipe to Copper - Copper Sulfate Reference Cell
 P/Cu-CuSO₄ = Pipe to CuCuSO₄ 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 63 - Test station 175C



Figure 64 - Test station 175C, close-up