

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

Location: 20+70 Date Surveyed: 6/4/02  
Golden Bell Way & MD Rt.108 Surveyed by: DD/MJ  
 T/S #: 5 Contract #: L5267  
 T/S Type: CS Pipe Size: 36"

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

**TEST STATION CONDITION**

Test Box : CP Flush Mounted - Good  
 Terminal Board : NM Series (5 terminal) - 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	Black		-1.490			
2) #10 AWG	Green		-0.731			
3) #10 AWG	Black		-1.486			
4)						
5) #10 AWG	Green		-0.732			
6)						
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

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

K =          ? I (mA)  
           ? E (mV)

Direction; \_\_\_\_\_

Between Terminals	Resistance (Ohms)
1&2	10.60M
1&5	10.50M
3&5	10.50M
2&3	10.60M

**REPAIRS MADE**

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



Figure 16 - Test Station #5, Golden Bell Way & Route 108



Figure 17 - Test Station #5, close-up