

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

Location: 78+90 / 00+00 Date Surveyed: 6/5/02  
Near Troy Farms Store Surveyed by: DD/MJ  
 T/S #: 16 Contract #: L5267  
 T/S Type: IJ/Anode 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 Mount - Good  
 Terminal Board : NM Series (7 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	Red	-1.349	-1.799	0.295	0.632	27
2) #10 AWG	Black	-1.463	-1.463	0.296	0.274	
3) #10 AWG	Green	-1.582	-1.588	0.427	0.400	
4) #10 AWG	Green	-1.161	-1.182			
5)						
6) #10 AWG	Green	-1.578	-1.556	0.417	0.402	
7) #10 AWG	Black	-1.444	-1.438	0.305	0.266	

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)
2&3	2.5M
2&6	2.5M
7&3	2.8M
7&6	2.8M
2&7	4.8
3&6	0.8

**REPAIRS MADE**

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



Figure 34 - Test Station #16, near Troy Farms Store signboard off Meadowridge Road



Figure 35 Test Station #16, close-up