

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

Location: 60+73 Date Surveyed: 6/6/02
Marshallee Dr.(not constructed) Surveyed by: DD/MJ
 T/S #: 25 Contract #: L5267
 T/S Type: ST/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 - Concrete pad is moving
 Terminal Board : NM Series (7 terminal) - Good
 Wires : Good
 Other : _____

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Red	-1.518	-1.786	0.397	0.651	110
2)						
3) #10 AWG	Black	-1.520	-1.417	0.397	0.289	
4)						
5)						
6) #10 AWG	Black	-1.513	-1.415	0.393	0.288	
7) #10 AWG	Green	-1.119	-1.133			

P/Cu-CuSO₄ = 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)	K = $\frac{? I (mA)}{? E (mV)}$	Between Terminals	Resistance (Ohms)
Initial					
Final					
Delta			Direction; _____		

REPAIRS MADE

Test Box: _____
 Terminal Board: _____
 Wires: _____
 Other: _____
 Additional Comments/Recommendations: _____



Figure 48 - Test Station #25, behind Golden Fern Court



Figure 49 - Test Station #25, close-up