

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

Location: 90+57 Date Surveyed: 6/6/02
5852 Deer Ridge Ln. Surveyed by: DD/MJ
 T/S #: 28 Contract #: L5267
 T/S Type: IJ 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 ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1)						
2)						
3) #10 AWG	Black		-1.466		0.377	
4) #10 AWG	Green		-1.075			
5) #10 AWG	Green		-0.702		-0.285	
6) #10 AWG	Black		-1.446		0.366	
7) #10 AWG	Green		-0.790		-0.285	

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)
Initial		
Final		
Delta		

K = $\frac{? I (mA)}{? E (mV)}$

Direction; _____

Between Terminals	Resistance (Ohms)

REPAIRS MADE

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



Figure 54 - Test Station #28, 5852 Deer Ridge Lane



Figure 55 - Test Station #28, close-up