

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

Location: (0+00) Date Surveyed: 8/13/02
Near Manhole #3 Surveyed by: FG/MJ
T/S #: 12GS #1 Contract #: L6154
T/S Type: ST Pipe Size: 12"

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 : _____

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Blue		-0.625			
2) #10 AWG	Blue		-0.624			
3)						
4)						
5)						
6)						
7)						

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 = $\frac{? I \text{ (mA)}}{? E \text{ (mV)}}$
Direction; _____

Between Terminals	Resistance (Ohms)

REPAIRS MADE

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



Figure 28 - Test station 12GS1



Figure 29 - Test station 12GS1, close-up