

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

Location: 11+26 Date Surveyed: 3/18/2005
Old Columbia Road Surveyed by: AC/MJ
T/S #: 02 Contract #: 44-3868
T/S Type: ST w/ Anode Pipe Size: 16"

Was Test Station located? YES/NO Yes

TEST STATION CONDITION

Test Box : Not Stable
Terminal Board : Soil Covered
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	Blue	-1.106	-0.935	-1.032	-0.856	101.0
2)						
3) #10	Blue	-1.073	-0.935	-0.998	-0.856	
4) #10	Black	-1.114	-1.728	-1.034	-1.654	
5)						
6)						
7) #10	Black	-1.830	-0.082			

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

REPAIRS MADE

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



Figure 88 – Location of Test Station 2 - Old Columbia Road.



Figure 89 – Test Station 2 close up