

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

Location: 19+33 Date Surveyed: 3/18/2005
Old Columbia Road Surveyed by: AC/MJ
T/S #: 3a Contract #: 44-3868
T/S Type: ST w/ Anode Pipe Size: 16"

Was Test Station located? YES/NO Yes

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	Blue	-1.121	-0.940	-1.209	-0.956	70.0
2) #10	Black	0.093	0.024			
3)						
4) #6	Black	-1.121	-1.667	-1.210	-1.678	
5) #10	Blue	-1.118	-0.940	-1.206	-0.952	
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

REPAIRS MADE

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



Figure 90 – Location of Test Station 3A - Old Columbia Road



Figure 91 – Test Station 3A close up