

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

Location: 03+90 **Date Surveyed:** 4/11/2005
T/S #: 2 **Surveyed by:** AC/MJ
T/S Type: ST w/ Anode **Contract #:** 44-4153-D
Pipe Size: 30"

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	-1.446	-1.220	-1.329	-1.133	52.0
2) #8	Black	-1.468	-1.764	-1.332	-1.169	
3) #10	Yellow	-0.135	-0.089			
4) #8	Black	-1.471	-1.763	-1.336	-1.676	
5) #10	Blue	-1.465	-1.217	-1.329	-1.130	
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 61 - Location of Test Station 4153-2



Figure 62 - Test Station 4153-2 close-up