

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

Location: 15+19 Date Surveyed: 4/11/2005
N. of 175 Surveyed by: AC/MJ
T/S #: 3725-4 Contract #: 24-3725
T/S Type: ST w/ Anode 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 AWG	Blue	-1.575	-1.039	-1.222	-0.928	6.4
2)						
3) #10 AWG	Blue	-1.041	-1.092	-1.187	-0.961	
4) #8 AWG	Black	-1.571	-1.572	-1.225	-1.497	
5)						
6) #10 AWG	White	-0.040	-0.077			
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: Test station may be connected to a redundant section of the pipe.



Figure 51 - Location of Test Station 3725-4



Figure 52 - Test Station 3725-4 close-up