

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

Location: 00+15 Date Surveyed: 4/6/2005
S. of 175, On The Island Surveyed by: AC/MJ

T/S #: 3725-1 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	-1.121	-1.054	-1.095	-0.925	3.420
2)						
3) #10 AWG	Blue	-1.096	-1.046	-1.080	-0.916	
4) #8 AWG	Black	-1.103	-1.387	-1.081	-1.233	
5)						
6) #10 AWG	White	0.097	0.021			
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 45 - Location of Test Station 3725-1



Figure 46 - Test Station 3725-1 close-up