

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

Location: 21+70 Date Surveyed: 2/17/2005  
East of Rt. 100 Surveyed by: AC/MJ  
 T/S #: 19 Contract #: 44-3327  
 T/S Type: CS Pipe Size: 36"

Was Test Station located? YES/NO No

**TEST STATION CONDITION**

Test Box : \_\_\_\_\_  
 Terminal Board : \_\_\_\_\_  
 Wires : \_\_\_\_\_  
 Other : \_\_\_\_\_

**SURVEY DATA**

Test Wire Size/Description	Color	P/Cu-CuSO <sub>4</sub> (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1)						
2)						
3)						
4)						
5)						
6)						
7)						

P/Cu-CuSO<sub>4</sub> = 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

**TESTING THE EFFECTIVENESS OF INSULATING JOINTS / PIPE CASING**

GROUND BED:  
 CONNECTED TO (B/W):

CURRENT (A)                      VOLTAGE (V)                      RESISTANCE (ohms):  
 ON:                                      ON:  
 OFF:                                      OFF:  
 DELTA:                                      DELTA:

**REPAIRS MADE**

Test Box: \_\_\_\_\_  
 Terminal Board: \_\_\_\_\_  
 Wires: \_\_\_\_\_  
 Other: \_\_\_\_\_

Additional Comments/Recommendations: \_\_\_\_\_  
 A 1996 test station survey of this location found only wires, no test station box or terminal board.



**Figure 160 – General area of Test Station 19 (North side of Route 100) – Not Found**