

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

Location: 21+70 Date Surveyed: 06/07/2007  
East of Rt.100 Surveyed by: AS/MJ  
 T/S #: 19 Contract #: 44-3327  
 T/S Type: CS Pipe Size: 36"  
 Was the T/S 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.						
8.						

P/Cu-CuSO<sub>4</sub> = Pipe to Copper-Copper Sulfate Reference Electrode  
 P/Zn = Pipe to Zinc Reference Electrode  
 "On" = Reading with Anode(s) connected  
 "Off" = Reading with Anode(s) disconnected  
 Anode = Current output Anode(s)

**TESTING THE EFFECTIVENESS OF INSULATING JOINTS**

Groundbed:	_____		
Connected to (B/W):	_____		
	Current (A)	Voltage (V)	Resistance (ohms)
ON:			
OFF:			
DELTA:			

**TESTING IR DROP**

IR Drop Calibrations	I (A)	E (mV)	$K = \frac{\Delta I \text{ (mA)}}{\Delta E \text{ (mV)}}$	Between Terminals	Resistance (ohms)
INITIAL:					
FINAL:					
DELTA:					
			Direction:		

**REPAIRS MADE**

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



**Figure 157 – General area of Test Station 19 (North side of Route 100) – Not Found**