

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

Location: 3+20 Date Surveyed: 6/13/02
 T/S #: 17 Surveyed by: DD/MJ
 T/S Type: ST/Anode Contract #: L5267
 Pipe Size: 36"

Was Test Station located? YES/NO YES
 If NO, then how much time was spent locating? _____

TEST STATION CONDITION

Test Box : CP Flush Mount - Good
 Terminal Board : NM Series (7 terminal) - 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	Red	-1.437	-1.758	0.300	0.645	127
2)						
3) #10 AWG	Black	-1.474	-1.390	0.314	0.219	
4) #10 AWG	Green	-1.155	-1.161			
5)						
6) #10 AWG	Black	-1.464	-1.390	0.312	0.219	
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

IR Drop Calibrations	I (Amps)	E (mV)
Initial		
Final		
Delta		

K = $\frac{? I (mA)}{? E (mV)}$

Direction; _____

Between Terminals	Resistance (Ohms)

REPAIRS MADE

Test Box: Was covered with thick vegetation.
 Terminal Board: _____
 Wires: _____
 Other: _____
 Additional Comments/Recommendations: _____



Figure 36 - Test Station #17, between Meadowridge Road & Wesley Lane



Figure 37 - Test Station #17, close-up