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

Location:	30+10	**Date Surveyed:**	6/5/02
	Golf Course - hole #5	**Surveyed by:**	DD/MJ
T/S #:	20	**Contract #:**	L5267
T/S Type:	ST/Anode	**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) "On"	P/Cu-$CuSO_4$ (V) "Off"	P/Zn (V) "On"	P/Zn (V) "Off"	Anode (mA)
1) #10 AWG	Red	-1.449	-1.813	0.318	0.616	115
2)						
3) #10 AWG	Black	-1.480	-1.377	0.318	0.183	
4) #10 AWG	Green	-1.162	-1.191			
5)						
6) #10 AWG	Black	-1.476	-1.377	0.313	0.180	
7)						

P/Cu-$CuSO_4$ = 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 = ? I (mA) / ? E (mV)

Direction;

Between Terminals	Resistance (Ohms)

REPAIRS MADE

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

Figure 38 - Test Station #20, Golf Course

Figure 39 - Test Station #20, close-up