Test Station 2

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

Location: (6+40)
Date Surveyed: 10/10/2005
Surveyed by: MJ/CS
T/S #: 2
Contract #: 44-4227
T/S Type: ST/Anode
Pipe Size: 48"

Was Test Station located? YES/NO YES

TEST STATION CONDITION

Test Box : Above ground - metal
Terminal Board : 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)
A) #2 E. Anodes	Black	-1.343	-1.776	-1.135	-1.743	26
B) #2 W. Anodes	Black	-1.342	-1.779	-1.134	-1.746	30
C) #2 Pipe	White	-1.339	-0.885	-1.130	-0.874	
D) #8 Pipe	Black	-1.312	-0.881	-1.104	-0.869	
E) #8 Pipe	White	-1.313	-0.880	-1.104	-0.867	
F) #8 Reference	Yellow	-0.210	-0.027			
G) #2 E. Anodes	Black	-1.342	-0.883	-1.134	-0.870	22
H) #2 W. Anodes	Black	-1.349	-1.689	-1.140	-1.662	28
I) #2 Pipe	Black	-1.312	-0.877	-1.104	-0.862	

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

REPAIRS MADE

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

Figure 7 – Test Station 2