

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

Location: 01+70 Date Surveyed: 3/7/2005  
Near Manhole #11 Surveyed by: AC/MJ

T/S #: 12GS #6 Contract #: 10-3696  
T/S Type: ST Pipe Size: 12"

Was Test Station located? YES/NO Yes

**TEST STATION CONDITION**

Test Box : Covered with soil and grass  
Terminal Board : Good  
Wires : Good  
Other : \_\_\_\_\_

**SURVEY DATA**

| Test Wire<br>Size/Description | Color | P/Cu-CuSO <sub>4</sub> (V) |        | P/Zn (V) |       | Anode (mA) |
|-------------------------------|-------|----------------------------|--------|----------|-------|------------|
|                               |       | "On"                       | "Off"  | "On"     | "Off" |            |
| 1) #10 AWG                    | Blue  |                            | -0.537 |          |       |            |
| 2) #10 AWG                    | Blue  |                            | -0.213 |          |       |            |
| 3) #10 AWG                    | Blue  |                            | -0.534 |          |       |            |
| 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

**REPAIRS MADE**

Test Box: Uncovered  
Terminal Board: \_\_\_\_\_  
Wires: \_\_\_\_\_  
Other: \_\_\_\_\_  
Additional Comments/Recommendations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Figure 18 – Location of Test Station 12GS6



Figure 19 – Test Station 12GS6 close-up