

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

**Cap Proj No :** W-8203  
**Contract # :** 44-3480  
**Location :** Marriottsville Rd near TRANSCO Gas Line.  
**T/S Type :** ST  
**T/S Number :** 03  
**Block Number :** A01  
**Date Surveyed :** 02/21/97  
**Surveyed by :** N. Powe/D. Stewart  
**Pipe Type :** Steel Casing  
**Pipe Size :** 12"  
**ADCMap # :** 11  
**Tax Map Number :**

**TEST STATION CONDITION**

**Test Box :** No Test Box  
**Terminal Board :** No Board  
**Wires :** Good  
**Other :** No Concrete pad.

**SURVEY DATA**

Test Wire Size/Description	Color	P/Cu-CuSO4 (volts)		P/Zn (volts)		I anode (mA)
		"On"	"Off"	"On"	"Off"	
#10	Black		-.634			
#10	Black		-.634			

P/Cu-CuSO4 = Pipe to Copper-Copper Sulphate 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 Calibration**

$$K = \frac{\text{Delta I (A)}}{\text{Delta E (mV)}} = \quad =$$

**Direction :**

**REPAIRS MADE**

**Test Box:** N/A  
**Wires:** N/A  
**Board:** N/A  
**Other:** N/A  
**Comments:** Located at 96+90.



**Figure D - 5. Test Station No. 03**



**Figure D - 6. Close-up of Test Station No. 03**