

**PROJECT DESCRIPTION**

**I. GENERAL**

THIS PROJECT INVOLVES REPLACEMENT OF DAMAGED LOOP DETECTORS AT THE INTERSECTION OF US 1 AND US 222 IN CECIL COUNTY. US 1 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

**II. INTERSECTION OPERATION**

THE INTERSECTION OPERATES IN A NEMA FIVE-PHASE, SEMI-TRAFFIC-ACTUATED MODE. THERE IS EXCLUSIVE/PERMISSIVE LEFT TURN PHASING FOR EASTBOUND OF US 1. US 1 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. US 222 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY.

**CONTACTS**

The contact persons for District #2 are as follows:

Mr. Jeffery Wentz  
Assistant District Engineer - Traffic  
Phone: (410) 810-3240

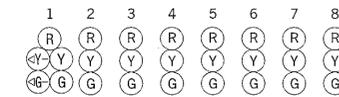
Mr. Michael Lewis  
Assistant District Engineer - Maintenance  
Phone: (410) 810-3250

Mr. Barry Clothier  
Utility Engineer  
Phone: (410) 810-3275

Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Mr. Ed Rodenhizer  
Supervisor, Signal Operations  
Phone: (410) 787-7650

**PHASE CHART**

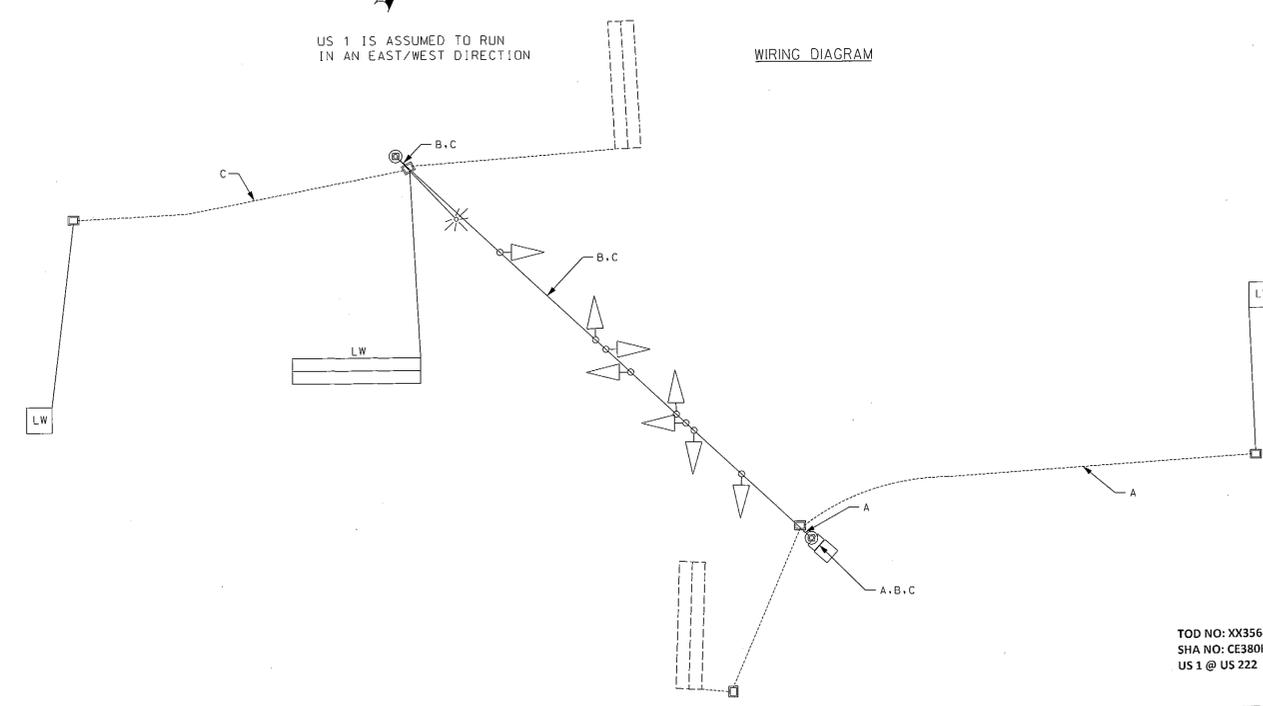
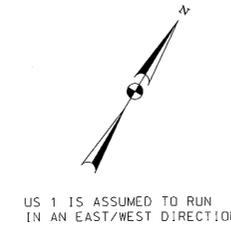


PHASE 1 AND 6	+GG	G	R	R	R	R	R	R	R	
1 AND 6 CHANGE	+YG	G	R	R	R	R	R	R	R	
PHASE 2 AND 6	G	G	G	G	R	R	R	R	R	
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	
PHASE 4 AND 8	R	R	R	R	G	G	G	G	G	
4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	

**EQUIPMENT LIST**

**B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR**

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8006	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT PER ASSIGNMENT
8020	285	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	900	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8024	35	LF	1 INCH DETECTOR SLEEVE GALVANIZED OR FLEXIBLE LIQUID TIGHT



**WIRING KEY**

- A,B,C } EXISTING 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG, ALUMINUM SHIELDED)
- LW } LOOP WIRE

**NOTE:**  
THE NEW LOOP WIRE WILL BE SPLICED TO THE EXISTING 2 CONDUCTOR ALUMINUM SHIELDED CABLE. ALL OTHER EXISTING WIRING WILL BE UTILIZED.

TOD NO: XX356-12  
SHA NO: CE380K51  
US 1 @ US 222

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

US 1 AT US 222  
CONOWINGO, MD

**GENERAL INFORMATION PLAN SHEET**

SCALE NTS DATE 07/2010 CONTRACT NO. XX3565168

DESIGNED BY XM COUNTY CECIL  
DRAWN BY XM LOGMILE 07000101.46  
CHECKED BY JB TMS NO. K055  
F.A.P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 300C DRAWING - OF SHEET NO. 2 OF 2

**BAI** BRUDIS & ASSOCIATES, INC.  
Consulting Engineers  
6240 Rumsay Road, Suite C  
Columbia, Maryland 21045  
Phone 410-684-3607  
www.brudis.com

FLOTTED: Tuesday, September 28, 2010 AT 05:51 PM  
FILE: P:\09-002 TEDD\Task 15 Cecil County Various Locations\Drawings\CADD\Working\US1@US222\p000\_01@US222.dgn

BY: John