

BORDER VIEW DATE: June 1, 2004

DRILL HOLES

DRILL HOLES

DRILL HOLES

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of the traffic signal at US 13 Business (Fruitland Blvd) and Cedar Lane / MD 513 (E. Cedar Lane) in Wicomico County. Opticom detectors shall be installed for both approaches of Cedar Lane. [1] US 13 Business is assumed to run in a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection will continue to operate in a NEMA six-phase, full-traffic-actuated mode. The existing mainline Exclusive left turn, mainline pre-emption, railroad pre-emption and side street split phases will remain. The alternate side street pedestrian phase will remain for phase 3. The MD 513 (E. Cedar Lane) and Cedar Lane approaches shall now operate in a pre-emption phase when activated via opticom detection. [1]
2. A full-traffic-actuated, eight-phase controller with video interface, 2-wire control unit, opticom interface and all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

III. SPECIAL NOTES

- 1. The Contractor shall be responsible for terminating all signal cables to the appropriate terminals and shall properly label each cable.
2. APS WILL FUNCTION AS FOLLOWS: FOR FRUITLAND BOULEVARD
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON MESSAGE WILL BE "WAIT TO CROSS FRUITLAND BOULEVARD".
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

The contact persons for District #1 and SHA are as follows:

Mr. Gene Cofield
Assistant District Engineer - Traffic
Phone: (410) 677-4040

Mr. Wayne Weichman
Assistant District Engineer - Maintenance
Phone: (410) 677-4010

Mr. Bruce Poole
Assistant District Engineer - Utility
Phone: (410) 677-4082

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

Mr. Ed Rodenhizer
Manager, Signal Operations Section
410-787-7652

Mr. Sonny Bailey
Manager, Sign Shop Operations
410-787-7676

The power company representative is:

EQUIPMENT LIST

B. EQUIPMENT TO BE SUPPLIED BY S.H.A.

THERE IS NO EQUIPMENT TO BE SUPPLIED TO THE SHA

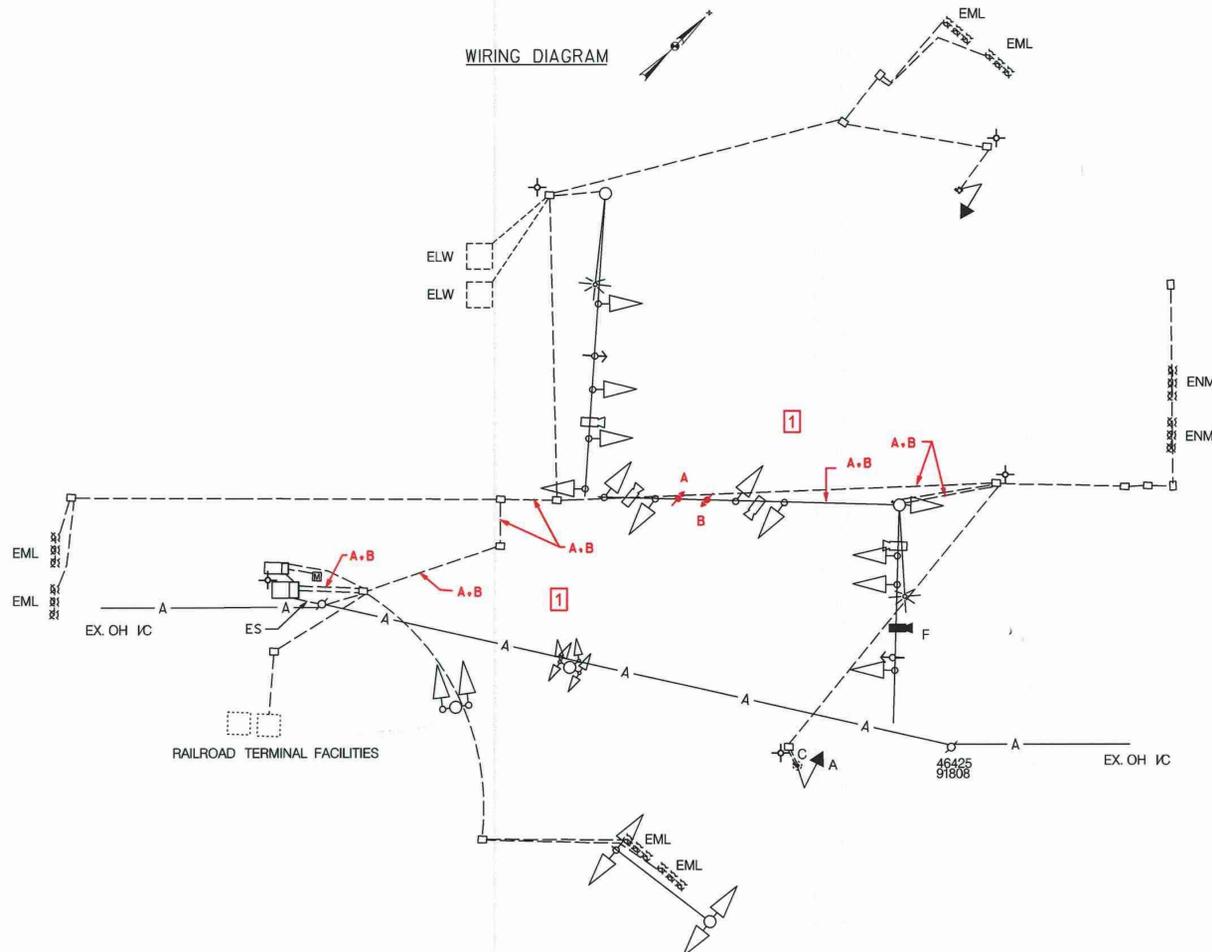
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items 8048 (Opticom #721 detector eye, 2 EA) and 8051 (Furnish and install 4 conductor opticom cable, 920 LF).

PHASE CHART

Phase chart table with columns 1-14 and rows for various phases (PHASE 1 AND 5, PHASE 1 AND 6, PHASE 2 AND 5, PHASE 2 AND 6, PHASE 3, PHASE 3 CHANGE, PHASE 3 ALT, PHASE 3 PED CLEARANCE, PHASE 4, PHASE 4 CHANGE, PRE-EMPTION PHASE 2 AND 6, PRE-EMPTION 2 AND 6 CHANGE, PRE-EMPTION RAILROAD, PRE-EMPTION 2, PRE-EMPTION 2 CHANGE, FLASHING OPERATION).

WIRING DIAGRAM



WIRING KEY
A } 4-CONDUCTOR OPTICOM CABLE [1]
B }
ENML - EXISTING NON-INVASIVE MICRO LOOP
EML - EXISTING MICRO LOOP
ES - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED

[1] REDLINE REVISION 9/7/10
TEDD APPROVAL [Signature]

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
US 13 (BUS.) (FRUITLAND BLVD) AND CEDAR LANE
FRUITLAND, MARYLAND

GENERAL INFORMATION SHEET
SCALE NONE DATE 9/7/2010 CONTRACT NO. XX4435185
DESIGNED BY JWA COUNTY WICOMICO
DRAWN BY RC LOGMILE 22B01302.64
CHECKED BY TIMS NO. J120
F.A.P. NO. TOD NO.

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500 Fax (410) 590-6637

5419G1.DGN
PLOTTED: #DATE#TIME#
FILE: #FILE#

Vertical text on the right edge of the page.