

DRILL HOLES

BORDER REV: DATE: June 11, 2004

DRILL HOLES

DRILL HOLES

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing strain pole Traffic Control Signal with street lighting at the intersection of MD 2 (Solomons Island Rd) and Mount Harmony Rd in Calvert County. A split phase is being installed on Mount Harmony Rd and all signal heads shall be change to black faced LED signal heads. MD 2 (Solomons Island Rd) is assumed to run a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection shall operate in a NEMA four-phase, fully-actuated mode, with the MD 2 (Solomons Island Rd) approaches continuing to run concurrently. The Mount Harmony Rd approaches shall now operate as a side street split phase.
2. The existing full-traffic-actuated, eight-phase controller housed in a NEMA size "5" pole-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. All controller cabinet wiring will be performed by the S.H.A. Signal Shop Contact Mr. Ed Rodenhizer at (410) 787-7652 seventy-two hours in advance of intended work.
3. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

The contact persons for District #5 are as follows:

Ms. Kim Tran
Assistant District Engineer - Traffic
Phone: (410) 841-1819

Mr. John Mays
Assistant District Engineer - Maintenance
Phone: (410) 841-1013

Mr. Joe Horty
Assistant District Engineer - Utility
Phone: (410) 841-1005

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

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

EQUIPMENT LIST

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

There is no equipment to be supplied by the SHA.

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like Maintenance of traffic per assignment, LED signal head section, and Electrical cable.

C. EQUIPMENT TO BE REMOVED

All equipment to be removed shall become property of the contractor.

PHASE CHART

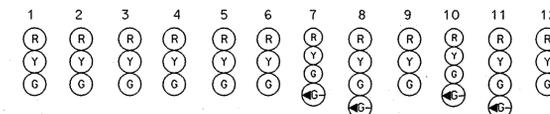
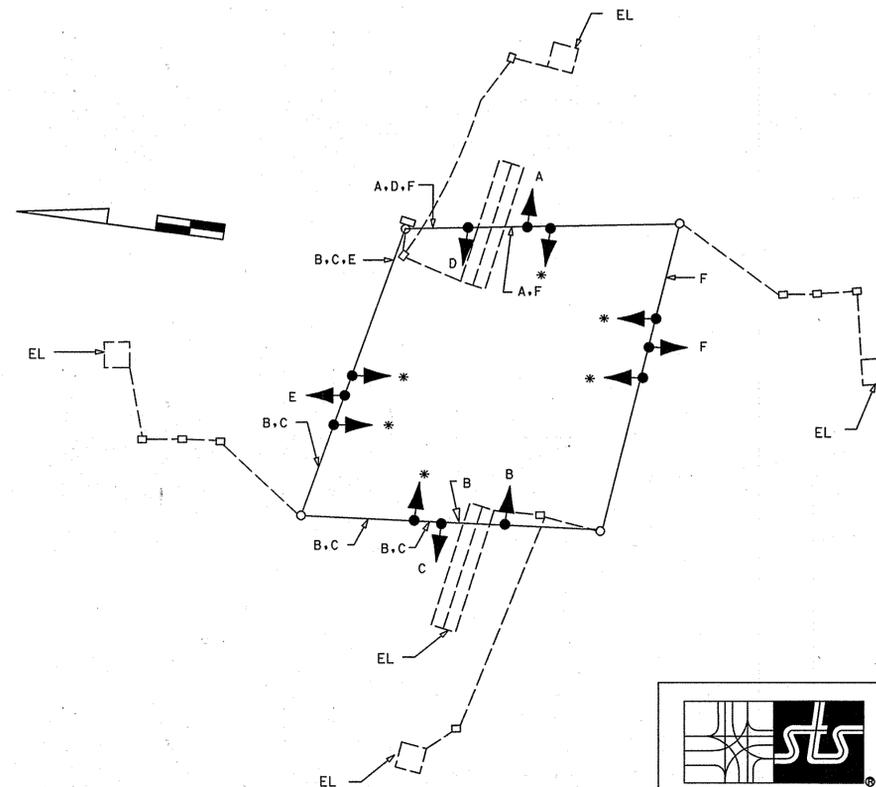


Table with 12 columns (1-12) and 5 rows (PHASE 2 & 6, 2 & 6 CHANGE, PHASE 3, 3 CHANGE, PHASE 4, 4 CHANGE, FLASHING OPERATION) showing signal states and directions.

WIRING DIAGRAM



WIRING KEY
7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
\* - USE EXISTING SIGNAL CABLE
EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

TOD NO: AT936-34
SHA NO: CA361A54/B54
MD 2@ MT. HARMONY RD

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 2 (SOLOMONS ISLAND RD) AND MOUNT HARMONY RD
MT HARMONY, MARYLAND
GENERAL INFORMATION SHEET

Table with project details: SCALE NONE, DATE 3/31/08, CONTRACT NO. AT9365185, DESIGNED BY R.R.Z., COUNTY CALVERT, DRAWN BY R.C., LOGMILE 04000231.85, CHECKED BY Bruce Thompson, TIMS NO. 1698, F.A.P. NO., TOD NO., TS NO. 3295B, DRAWING NO. 2 OF 2, SHEET NO. OF

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., NW,
Crosby, MD 21034
Ph (410) 590-5500
Fax (410) 590-6637

5444GI.DGN
PLOTTED: FRIDAY, APRIL 04, 2008 AT 12:02:43 PM
FILE: 5444GI.DGN