

DRILL HOLES

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BORDER REV. DATE: June 1, 2004

PROJECT DESCRIPTION

I. GENERAL

This project involves the upgrading of a FITA to a part time Traffic Control Signal at the intersection of MD 30 (Hanover Pike) and Rue Saint Lo Drive in Baltimore County. The signal shall operate from Tuesday to Friday (6 AM to 7 AM and 5 PM to 6 PM). MD 30 (Hanover Pike) is assumed to run a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection is to operate in a NEMA three-phase, fully-actuated mode, with the MD 30 (Hanover Pike) approaches running concurrently. The Rue Saint Lo Drive approach shall run alone. The pre-emption for Rue Saint Lo Drive shall remain in operation.
2. A fully-actuated eight-phase controller with video interface and all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be installed 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 #4 are as follows:

Mrs. Erin Kuhn
Assistant District Engineer - Traffic
Phone: (410) 321-2781

Mr. Steve Marciszewski
Assistant District Engineer - Maintenance
Phone: (410) 321-2761

Mr. Mike Pasqualello
Assistant District Engineer - Utility
Phone: (410) 321-2841

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

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

Mr. Sonny Bailey
Sign Shop
410-787-7676

The power company representative is:

Ms. Sue Geisler
Baltimore Gas and Electric
7317 Parkway Drive South
Hanover, MD 21076
410-850-4620

EQUIPMENT LIST

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

Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like Controller ASC II with telemetry, Video detection interface equipment, and various signal signs.

EQUIPMENT LIST (CONT.)

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like Maintenance of traffic per assignment, Test Pit Excavation, 5" yellow heat applied permanent preformed thermoplastic pavement marking, etc.

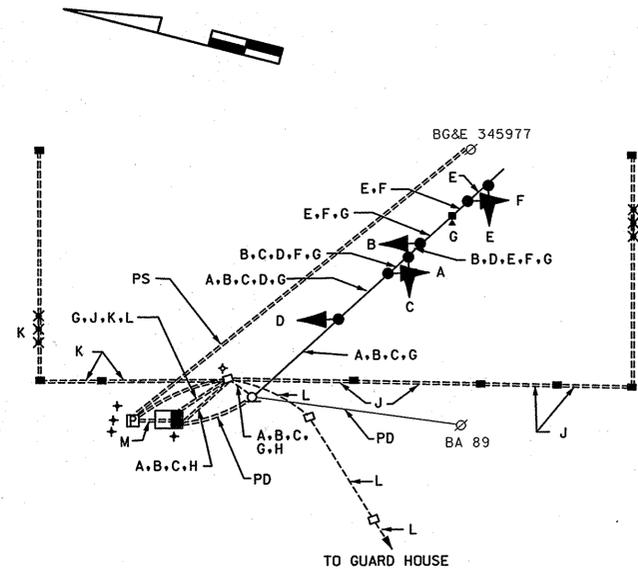
C. EQUIPMENT TO BE REMOVED

SHA Forces shall remove the controller and all auxiliary equipment from the controller cabinet. The cabinet and all other removed signal materials are to become property of the contractor.

PHASE CHART

Phase chart table showing phases 1-6 and their corresponding signal states (R, Y, G) for different operations like PHASE 2 & 6, PHASE 4 & 8, etc.

WIRING DIAGRAM



WIRING KEY table defining symbols and abbreviations used in the wiring diagram, such as A, B, C for 7-conductor electrical cable, G for control cable, etc.

TOD NO: AT936-30
SHA NO: BA631A53/C53
MD 30@ RUE SAINT LO DR

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 30 (HANOVER PIKE) AND RUE SAINT LO DRIVE
GENERAL INFORMATION SHEET
SCALE NONE DATE 10-4-07 CONTRACT NO. AT9365185
DESIGNED BY JWA COUNTY BALTIMORE
DRAWN BY RC LOGMILE 03003002.20
CHECKED BY [Signature] TMS NO. I398
F.A.P. NO. TOD NO.

STREET TRAFFIC STUDIES, LTD.
400 Crady Hwy., NW
Glen Burnie, MD 21061
PH (410) 590-5500
FAX (410) 590-6637
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