

DRILL HOLES

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PROJECT DESCRIPTION

I. GENERAL

This project involves the installation of a mast arm Traffic Control Signal with street lighting and opticom detection at the intersection of US 50 (Business) and Naylor Mill Road in Wicomico County. US 50 (Business) is assumed to run in an east-west direction.

II. INTERSECTION OPERATION

- 1. The intersection shall operate in a NEMA six-phase, fully-actuated mode, with the US 50 (Business) approaches running concurrently. Exclusive/Permissive left turn phases shall be provided for both approaches of US 50 (Business). The Naylor Mill Road approaches shall also run concurrently.
2. A full-traffic-actuated, eight-phase controller with one (1) four channel, rack mount loop detector, amplifiers, opticom module and video interface 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) 787-7650 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.
4. Upon completion of this project, the Contractor shall notify Mr. Robert Snyder at (410) 787-7631 to arrange for the phone line installation. The Contractor is to provide Mr. Robert Snyder with the nearest street address, zip code and phone number.

The contact persons for District #1 are as follows:

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

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

Mr. Jimmy Wright
Assistant District Engineer - Maintenance
Phone: (410) 677-4010

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

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

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

The power company representative is:
Rodney Bain
Connectiv Power
2530 N. Salisbury Blvd
Salisbury, MD 21802
Phone: 410 860-6295

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Lists items such as Maintenance of traffic per assignment (3 EA), Test Pit Excavation (6 C.Y.), 5" white or heat applied permanent preformed thermoplastic pavement marking (1120 L.F.), etc.

C. EQUIPMENT TO BE REMOVED

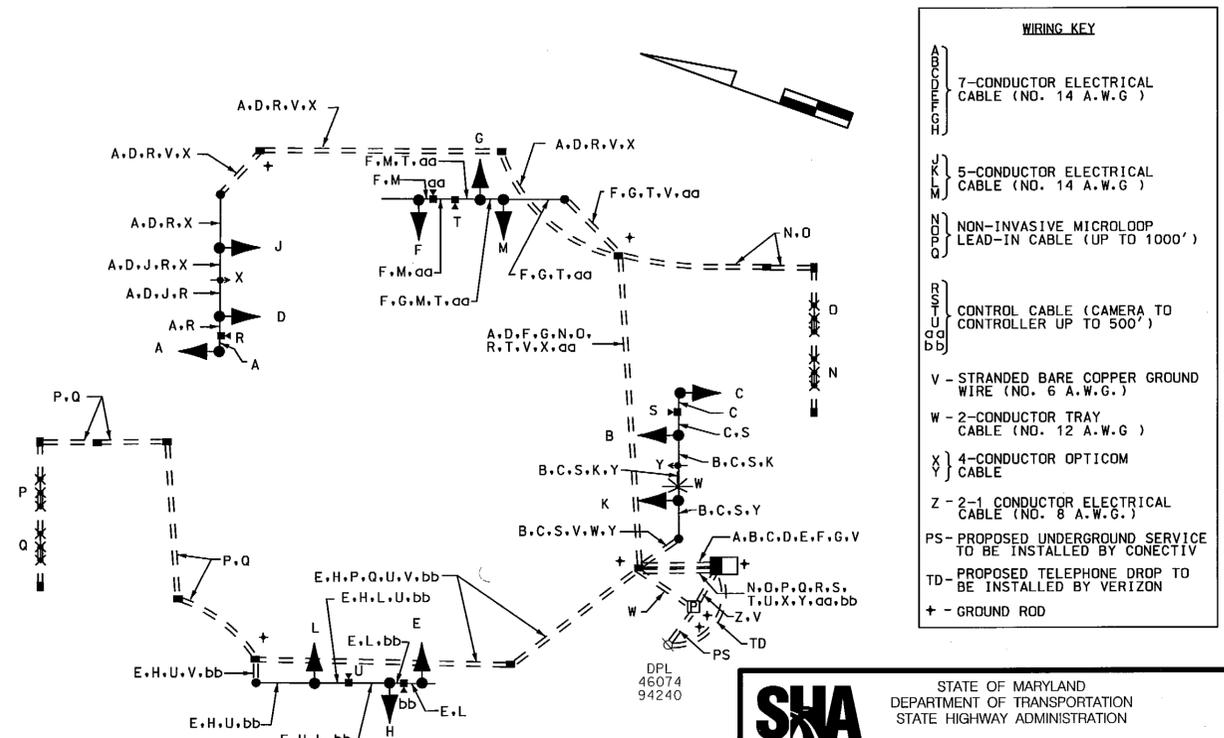
There are no signal materials to be removed.

EQUIPMENT LIST
Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Lists equipment to be supplied by S.H.A., including Controller ASC II with telemetry (1 EA), Video detection interface equipment (1 EA), Sheet aluminum signs (149 SF), etc.

PHASE CHART

Phase chart showing traffic signal phases (PHASE 1 & 5, PHASE 1 & 6, PHASE 2 & 5, PHASE 2 & 6, PHASE 4 & 8) and their corresponding movements (L, T, R) for each approach (1-12).

WIRING DIAGRAM



TOD NO: XX443-13
SHA NO: W1392A53/B53
US 50 BUSINESS @ NAYLOR MILL RD

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
US 50 BUSINESS (OCEAN GATEWAY) AND NAYLOR MILL RD
SALISBURY, MARYLAND

GENERAL INFORMATION SHEET
SCALE NONE DATE 9-03-09 CONTRACT NO. XX4435185
DESIGNED BY R.R.Z. COUNTY WICOMICO
DRAWN BY R.C. LOGMILE 22B05000.60
CHECKED BY [Signature] TMS NO. J688
F.A.P. NO. TOD NO.

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW
Doraville, GA 30095
Ph (404) 590-5500 Fax (404) 590-6637