

DRILL HOLES

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BORDER REV. DATE: June 1, 2004

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing Traffic Control Signal, including replacing the existing signal heads with LED signal heads and replacing detection. US 50 is assumed to run in a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection shall continue to operate in a NEMA six-phase, semi-actuated mode, with the US 50 approaches running concurrently. The Exclusive left turn phase for the east and west bound approach of shall continue to be provided. The MD 611 approaches shall continue to operate as a split phase.
2. The existing full-traffic-actuated, eight-phase controller 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. 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.

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. James R. Wright Assistant District Engineer - Maintenance Phone: (410) 677-4010

Mr. Ed Rodenhizer Signal Shop 410-787-7652

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

Sonny Bailey Sign Shop 410-787-7670

The power company representative is:

Mr. Rodney Bane Delmarva Power 2530 N. Salisbury Blvd. - PO Box 1739 Salisbury, MD 218021739 1-410-860-6242

EQUIPMENT LIST

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Section A: EQUIPMENT TO BE SUPPLIED BY S.H.A..

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Section B: EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

C. EQUIPMENT TO BE REMOVED

Any removed materials are to become property of the contractor.

SEQUENCE CHART

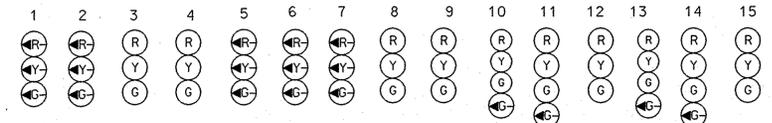
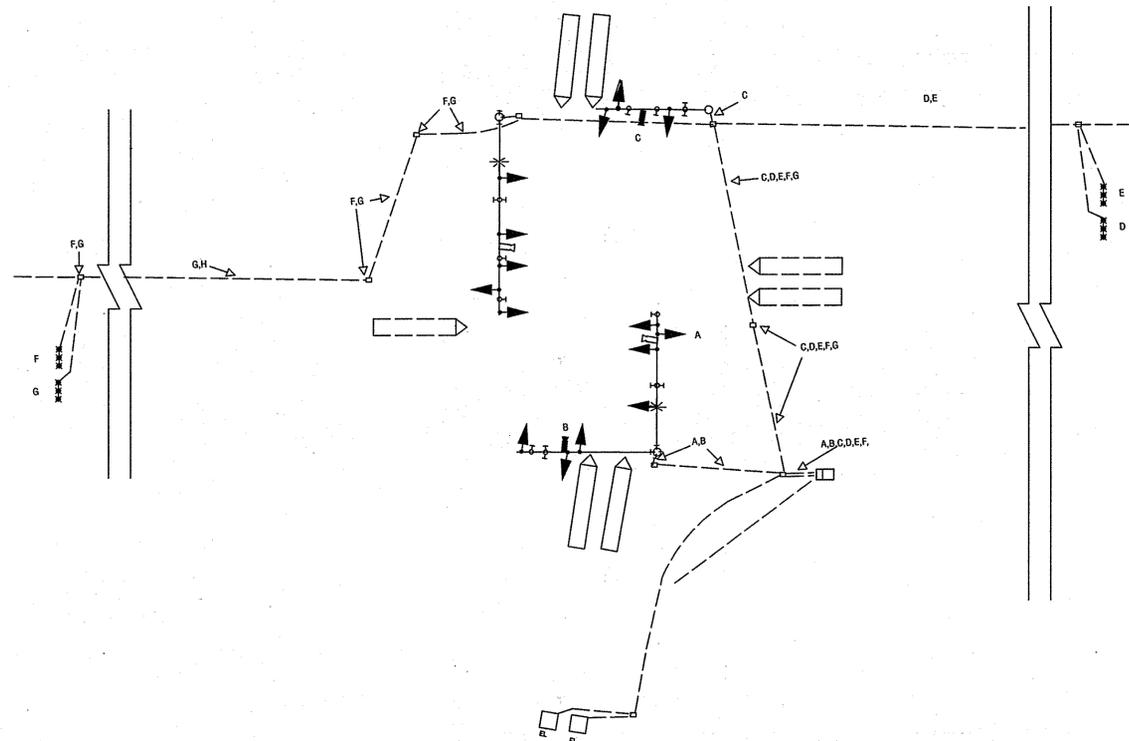


Table detailing phase sequences and changes for PHASE 1 & 5, PHASE 1 & 6, PHASE 2 & 5, PHASE 2 & 6, PHASE 3, PHASE 4, and FLASHING OPERATION.

WIRING DIAGRAM



WIRING KEY

- A) 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B) CAMERA CABLE
C) MICROLOOP LEAD-IN CABLE
EL-LOOP WIRE (NO. 14 A.W.G.) EXISTING

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

US 50 (OCEAN GATEWAY) AND MD 611 (STEVEN DECATUR RD)

GENERAL INFORMATION SHEET

SCALE NONE DATE 9/12/2008 CONTRACT NO. XX3405185

DESIGNED BY COUNTY WORCESTER
DRAWN BY LOGMILE 230050012.93
CHECKED BY TMS NO. J145
F.A.P. NO. TOD NO.

TS NO. 132H DRAWING NO. 2 OF 2 SHEET NO. OF