

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 Golf Course Rd 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
Signal 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 columns: ITEM NO., DESCRIPTION, QUANTITY. Section A: EQUIPMENT TO BE SUPPLIED BY S.H.A.. Section B: EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR. Section C: EQUIPMENT TO BE REMOVED.

SEQUENCE CHART

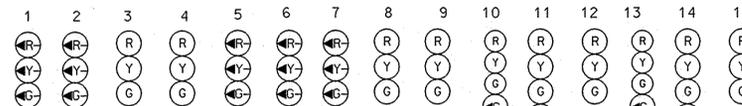
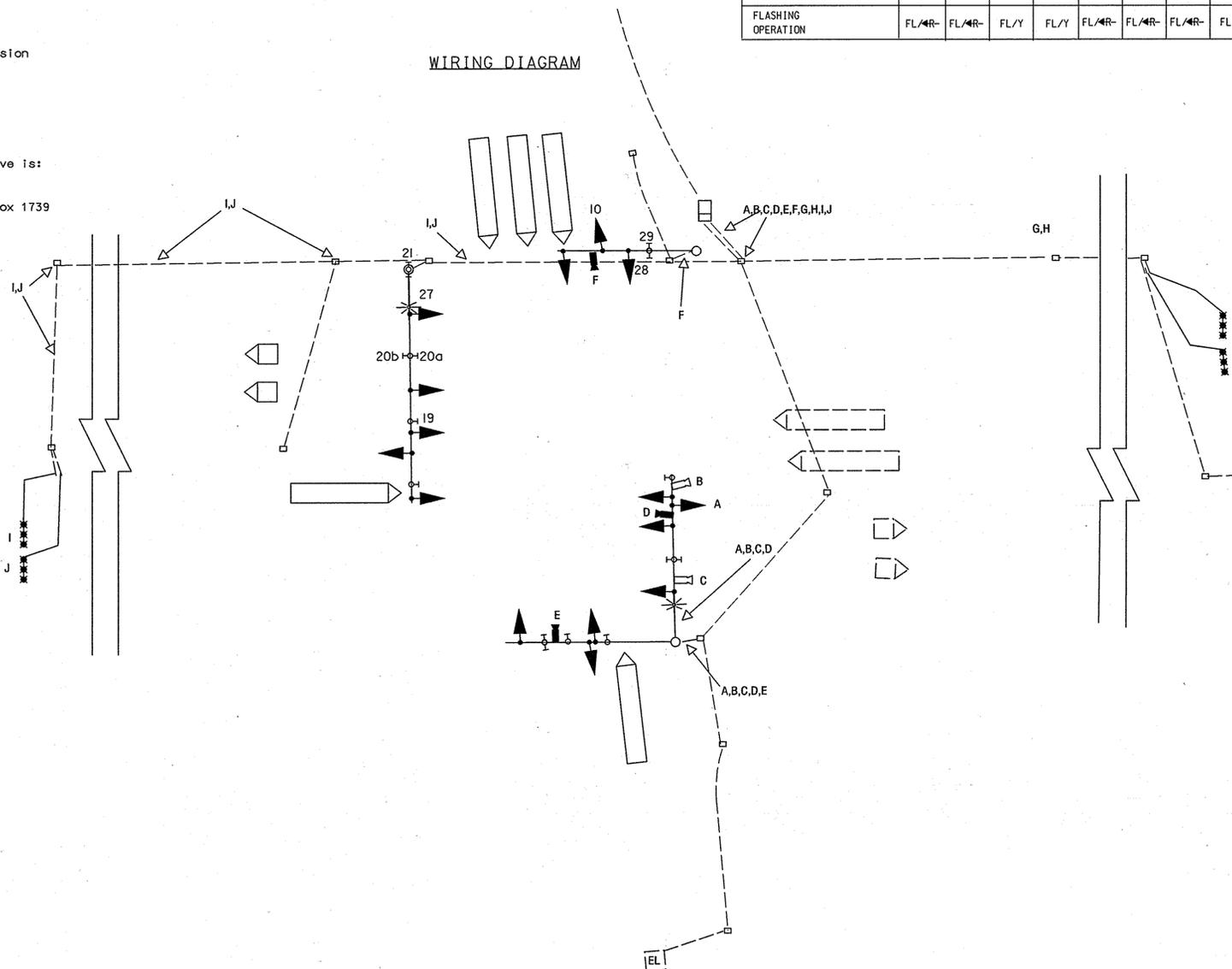


Table showing signal configurations for various phases and changes (e.g., PHASE 1 & 5, CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6, PHASE 1 & 6, 1 & 6 CHANGE, PHASE 2 & 5, 2 & 5 CHANGE, PHASE 2 & 6, 2 & 6 CHANGE, PHASE 3, 3 CHANGE, PHASE 4, 4 CHANGE ALT, FLASHING OPERATION).

WIRING DIAGRAM



WIRING KEY
A } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B } EXISTING CAMERA CABLE
C } EXISTING CAMERA CABLE
D } CAMERA CABLE
E, F, G, H, I, J } MICROLOOP LEAD-IN CABLE
EL } LOOP WIRE (NO. 14 A.W.G.) EXISTING

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
US 50 (OCEAN GATEWAY) AND GOLF COURSE ROAD
GENERAL INFORMATION SHEET
SCALE NONE DATE 9/12/2008 CONTRACT NO. XX3405185
DESIGNED BY F. ANUSZEWSKI COUNTY WORCESTER
DRAWN BY LOGMILE 230050013.31
CHECKED BY TIMS NO. J145
F.A.P. NO. TOD NO.
TS NO. 4016 DRAWING NO. 2 OF 2 SHEET NO. OF