

DRILL HOLES

BORDER REV. DATE: June 1, 2004

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PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing mast arm Traffic Control Signal at the intersection of MD 198 (Ft Meade Rd) and Laurel Plaza / Dutch Market in Prince George's County. The existing westbound permissive left turn phase shall be replaced with an exclusive / permissive left turn phase. MD 198 (Ft Meade Rd) is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- 1. The intersection is to operate in a NEMA six-phase, fully-actuated mode, with the MD 198 (Ft Meade Rd) approaches continuing to run concurrently. The eastbound Exclusive/Permissive left turn phase on MD 198 (Ft Meade Rd) shall remain in operation. A new westbound Exclusive/Permissive left turn phase on MD 198 (Ft Meade Rd) shall now be provided. The Laurel Plaza / Dutch Market drive approaches shall continue to run concurrently.
2. The existing full-traffic-actuated, eight-phase controller with all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

III. SPECIAL NOTES

- 1. 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.
2. All underground and overhead utilities shown on these plans are schematic only and may not be complete.

The contact persons for District #3 (Prince George's County) and SHA are as follows:

Vacant
Assistant District Engineer - Traffic
Phone: (301) 513-7409

Mr. Vernon Stinnett
Assistant District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Augie Rebish
Assistant District Engineer - Utility
Phone: (301) 513-7350

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

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

EQUIPMENT LIST

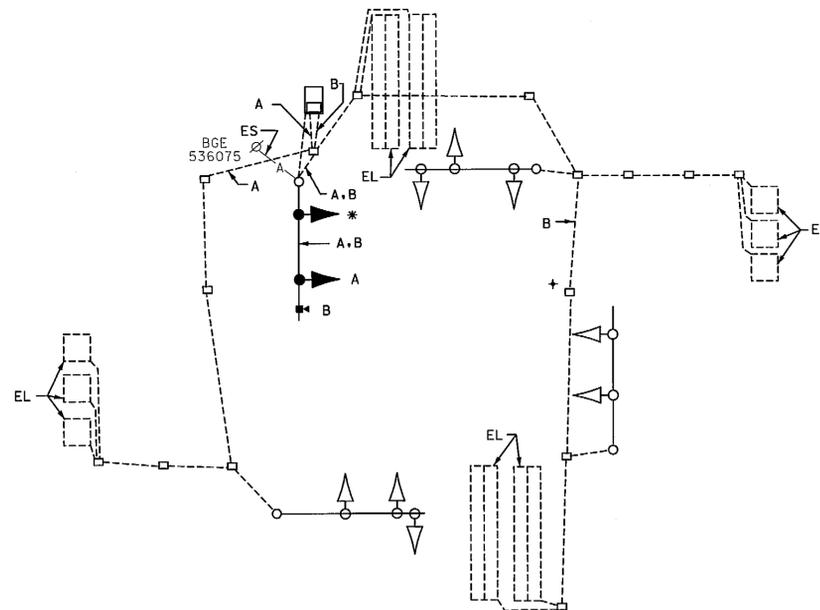
A. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY S.H.A.

Table with 2 columns: DESCRIPTION and QUANTITY. Includes items like Maintenance of traffic per assignment (1 EA), Video detection interface equipment (1 EA), Video detector camera & cable up to 500' (1 EA), Electrical cable - 7 conductor (No. 14 AWG) (110 L.F.), 12" LED signal head section (8 EA), and Remove signal heads (4 EA).

PHASE CHART

Phase chart table with 10 columns (1-10) and rows for 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 4 & 8, 4 & 8 CHANGE, and FLASHING OPERATION. Includes a circular diagram above the table showing traffic directions and phases.

WIRING DIAGRAM



WIRING KEY
A - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
E - CONTROL CABLE (CAMERA TO CONTROL) 500'
EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING
* - USE EXISTING WIRING
ES - EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY BGE

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 198 (FT MEADE RD) AND LAUREL PLAZA LAUREL, MARYLAND
GENERAL INFORMATION SHEET
SCALE NONE DATE 2/24/10 CONTRACT NO.
DESIGNED BY J.W.A. COUNTY PRINCE GEORGE'S
DRAWN BY R.C. LOGMILE 16019804.12
CHECKED BY TIMS NO.
F.A.P. NO. TOD NO.
TS NO. 2192B DRAWING NO. 2 OF 2 SHEET NO. OF

STREET TRAFFIC STUDIES, LTD.
400 Crafts Hwy., NW, Glen Burnie, MD 21060
Ph (410) 590-5500 Fax (410) 590-6637
583561.DGN T-260

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