

DRILL HOLES

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REVISION: DATE: June 1, 2004

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing Traffic Control Signal at the intersection of MD 197 and MD 450 in Prince George's County. The east leg of MD 450 is to be closed. MD 197 is assumed to run a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection is to operate in a NEMA four-phase, semi-actuated mode, with the MD 197 approaches running concurrently. An Exclusive/Permissive left turn phase shall be provided for the northbound approach of MD 197. A pedestrian phase with pushbutton actuation shall be provided across the north leg of MD 197. The MD 450 approach shall also run in its own phase.
2. The existing full-traffic-actuated, eight-phase controller all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

III. SPECIAL NOTES

- 1. 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.

PHASE CHART

Diagram showing traffic signal phases 1 through 8 with corresponding color indicators (R, Y, G) and a table below detailing phase sequences and changes.

EQUIPMENT LIST

EQUIPMENT TO BE FURNISHED AND/OR INSTALLED

Table with columns for DESCRIPTION and QUANTITY. Items include: Maintenance of traffic per assignment (1 EA), Remove pushbutton and pedestrian education sign (1 EA), Disconnect and bag pedestrian signal head (2 EA), Remove pushbutton (1 EA), Remove signal head (3 EA), Remove opticom detector eye and associated electrical cable (1 EA), Remove opticom discrimination module (1 EA), Furnish and install 12" vehicular traffic signal head section (black faced) (3 EA), Remove overhead sign (2 EA), Sheet aluminum signs to consist of: (span wire mount) (15 SF), R3-5L "LEFT TURN ONLY" sign, (30" x 36") (2 EA).

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

Mr. Majid Shakib
Assistant District Engineer - Traffic
Phone: (301) 513-7358

Mr. Wayne Mowdy
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
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Mr. Ed Rodenhizer
Signal Shop
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Sonny Bailey
Sign Shop
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WIRING DIAGRAM

HERE IS NO WIRING DIAGRAM FOR THIS PROJECT

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION MD 197 AND MD 450

STREET TRAFFIC STUDIES, LTD. 400 Crain Hwy. SW Glen Burnie, MD 21061 Ph (410) 590-5500 Fax (410) 590-6637

SCALE NONE DATE 1/11/05 CONTRACT NO. DESIGNED BY COUNTY PRINCE GEORGE'S DRAWN BY LOGMILE 16019703.08 CHECKED BY F.A.P. NO. DRAWING NO: T517923 -GI OF SHEET NO. 2 OF 2

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