

DRILL HOLES

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PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing strain pole Traffic Control Signal with street lighting and interconnect at the intersection of MD 97 (Georgia Ave) and MD 28 (Norbeck Rd) in Montgomery County. Video detection, shield assemblies and street name signs shall be installed. MD 97 (Georgia Ave) is assumed to run a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection shall continue to operate in a NEMA six-phase, semi-actuated mode, with the MD 97 (Georgia Ave) approaches running in a lead-lag operation. The Exclusive left turn phases for both approaches of MD 97 (Georgia Ave) shall remain in operation. Far-side sampling stations shall remain in operation on both legs of MD 28 (Norbeck Rd) at this intersection. The MD 28 (Norbeck Rd) approaches shall continue to operate as a side street split phase.
2. The existing full-traffic-actuated, eight-phase controller with video interface and all necessary equipment 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 Montgomery County Forces. Contact Kamal Hamud at (240) 777-8761 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 #3 (Montgomery County) are as follows:

- Mr. Jeff Wentz, Assistant District Engineer - Traffic, Phone: (301) 513-7358
Mr. Wayne Mowdy, Assistant District Engineer - Maintenance, Phone: (301) 513-7304
Mr. Augie Rebish, District Engineer - Utility, Phone: (301) 513-7350
Mr. Richard L. Daff, Sr., Chief, Traffic Operations Division, Phone: (410) 787-7630
Mr. Keith Lord, Montgomery County Signal Shop, (301) 674-8965
Mr. Sonny Bailey, Chief Sign Shop, 410-787-7676

EQUIPMENT LIST

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

Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items 9571 (Sheet aluminum signs to consist of: pole mounted, guide shield assembly, etc.) and 9572 (Sheet aluminum signs to consist of: span wire mount, D3-2 Norbeck Rd, R3-5R Right Turn Only).

EQUIPMENT LIST (CONT.)

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items 1003 (Maintenance of traffic per assignment), 5001 (Heat applied white permanent preformed thermoplastic pavement marking arrows), 8021 (Remove and dispose of existing material & equipment per assignment), 8025 (Video detection camera & cable up to 500'), 8038 (Install overhead or ground mounted sign).

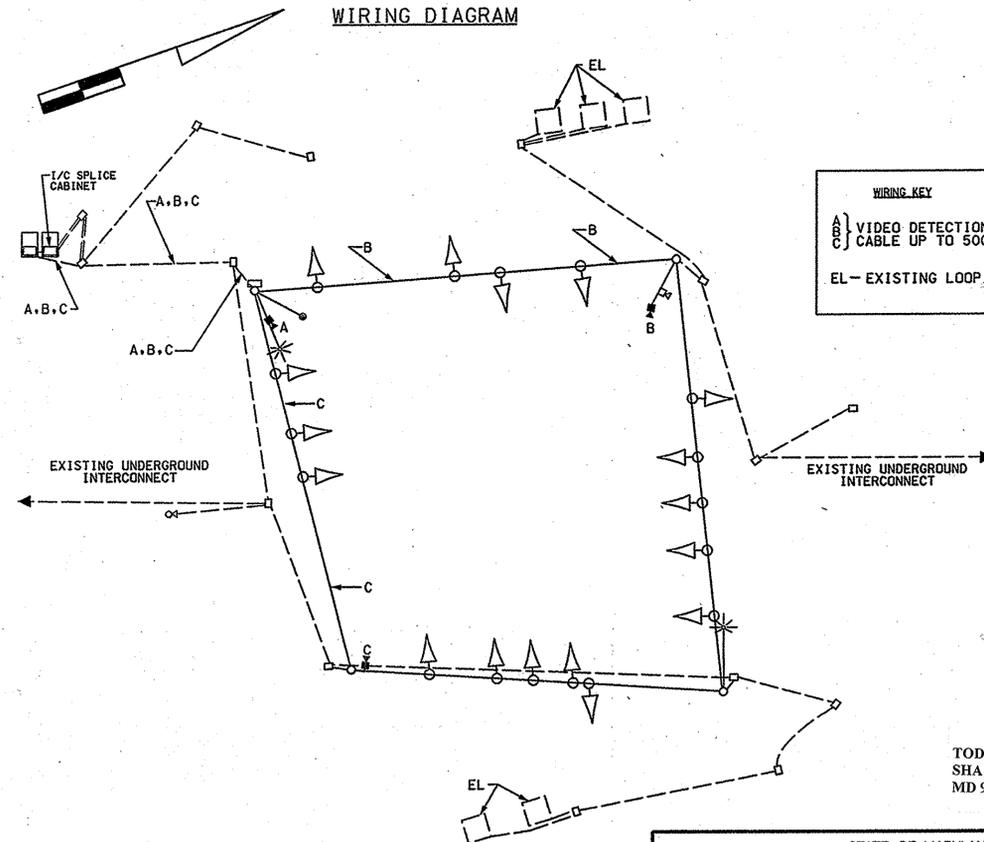
C. EQUIPMENT TO BE REMOVED

All removed signal materials are to become property of the contractor.

PHASE CHART

THERE IS NO CHANGE TO THE INTERSECTION OPERATION

WIRING DIAGRAM



TOD NO: XX444-13
SHA NO: MO526A57/B57
MD 97@ MD 28

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 97 (GEORGIA AVENUE) AT MD 28 (NORBECK ROAD) ASPEN HILL, MARYLAND

GENERAL INFORMATION SHEET

Table with project details: SCALE NONE, DATE 10/21/08, CONTRACT NO. XX4445185, DESIGNED BY JAMES ALLEN JR., COUNTY MONTGOMERY, DRAWN BY R.C., LOGMILE 15002828.82, CHECKED BY, TMS NO. 1850, F.A.P. NO., TOD NO.

REVISION '0' logo for STREET TRAFFIC STUDIES, LTD. with contact information: 400 Crain Hwy, NW, Glen Burnie, MD 21061, Ph (410) 550-6500, Fax (410) 550-6537.