

DRILL HOLES

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PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing Traffic Control Signal with street lighting at the intersection of MD 940 (Owings Mills Blvd) and Red Run Blvd in Baltimore County. Video detection shall be installed for all approaches except the southbound approach. Non invasive probes shall also be installed for the northbound approach. MD 940 (Owings Mills Blvd) is assumed to run on north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection shall continue to operate in a NEMA eight-phase, fully-actuated mode, with the MD 940 (Owings Mills Blvd) approaches running concurrently. Exclusive left turn phases shall continue operate for both approaches of MD 940 (Owings Mills Blvd). Exclusive left turn phases shall continue to operate for both approaches Red Run Blvd. The Red Run Blvd approaches shall also continue to run concurrently.
2. Video interface shall be installed by the SHA into the existing full-traffic-actuated, eight-phase controller with all necessary equipment housed in a NEMA size "6" base-mounted cabinet 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. Randall Scott
Assistant District Engineer - Traffic
Phone: (410) 321-2781

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

Mr. Steve Marciszewski
Assistant District Engineer - Maintenance
Phone: (410) 321-2761

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

Mr. Michael Pasquariello
Assistant District Engineer - Utility
Phone: (410) 321-2841

EQUIPMENT LIST

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

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Row 1: Video detection Interface equipment: 1-4 cameras (To be installed by signal shop).

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Rows include: 1001 Maintenance of traffic per assignment (2 EA), 8010 3" schedule 80 rigid polyvinyl chloride conduit - bored (60 LF), 8013 3" schedule 80 rigid polyvinyl chloride conduit - trenched (210 LF), 8024 Non-invasive detector with 1000' lead-in cable (2 EA), 8025 Furnish and install electrical handhole (2 EA), 8026 Video detection camera (3 EA), 8027 Control cable, 250', video detection camera to controller (1 EA), 8028 Control cable, 500', video detection camera to controller (2 EA).

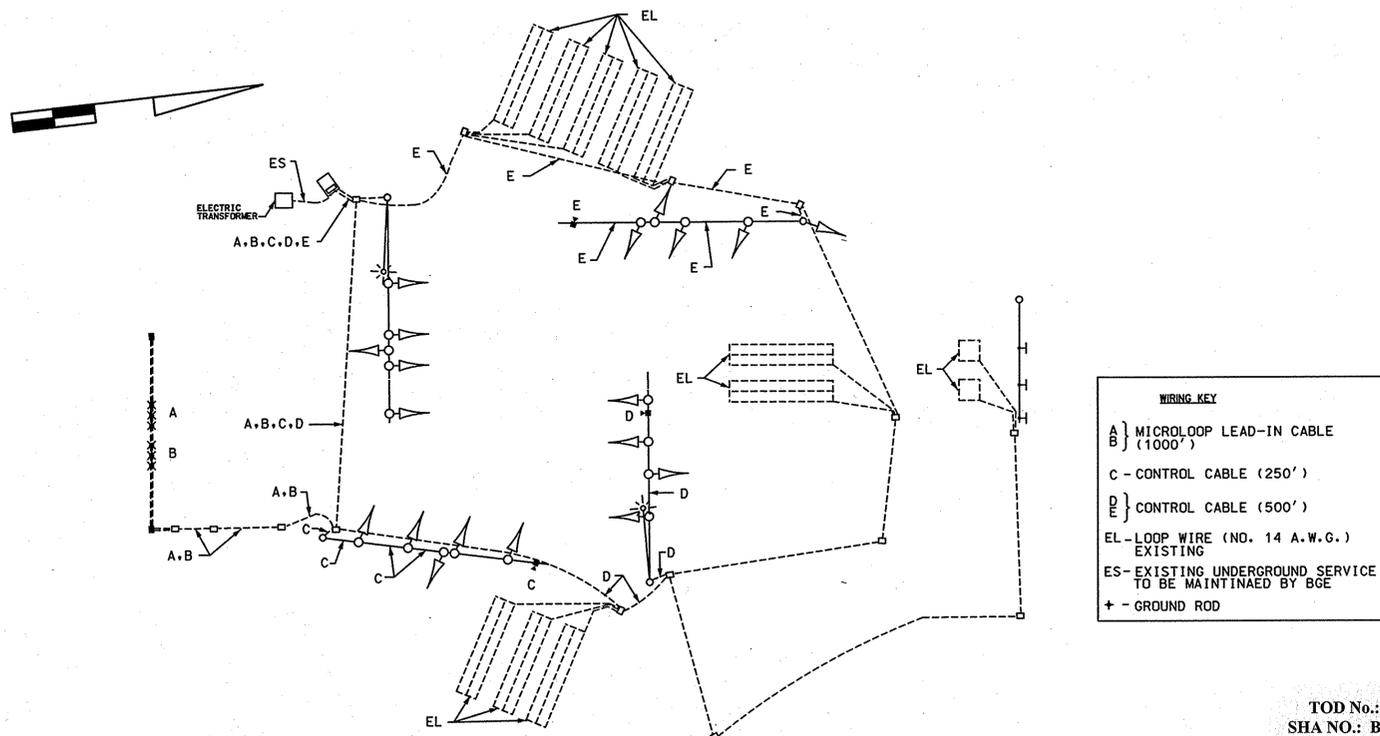
C. EQUIPMENT TO BE REMOVED

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

PHASE CHART

THERE IS NO PHASE CHART REQUIRED FOR THIS PROJECT

WIRING DIAGRAM



TOD No.: AT725-07
SHA NO.: BA611A52/B52

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 940 (OWINGS MILLS BLVD) AND RED RUN BLVD
GENERAL INFORMATION
SCALE NONE DATE 6/2/06 CONTRACT NO. AT7255185
DESIGNED BY J. ALLEN COUNTY BALTIMORE
DRAWN BY R.C. LOGMILE 03094000.00
CHECKED BY TIMS NO. H848
F.A.P. NO. TOD NO.
TS NO. 3467B DRAWING NO. 2 OF 2 SHEET NO. OF

REVISION "B"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., NW
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