

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing strain pole Traffic Control Signal with street lighting at the intersection of US 40 (Pulaski Hwy) and Abingdon Rd / Otter Point Rd in Harford County. Video detection cameras shall be installed for the Abingdon Rd approach and the Otter Point Rd approach. US 40 (Pulaski Hwy) is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- The intersection shall continue to operate in a NEMA six-phase, fully-actuated mode, with the US 40 (Pulaski Hwy) approaches running concurrently. Exclusive left turn phases shall remain in operation for both approaches of US 40 (Pulaski Hwy). The Abingdon Rd / Otter Point Rd shall continue to operate as a side street split phase.
- Video interface shall be installed into the existing full-traffic-actuated, eight-phase controller housed in a NEMA size "6" base-mounted cabinet by SHA Forces.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- 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).
- 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 #4 are as follows:

Ms. Erin Kuhn
Assistant District Engineer - Traffic
Phone: (410) 321-2781

Mr. Andre Futrell
Assistant District Engineer - Maintenance
Phone: (410) 321-2761

Mr. Mike Pasqualello
Assistant District Engineer - Utility
Phone: (410) 321-2841

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

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

Mr. Bob Snyder
Assistant Division Chief, Traffic Operations Division
410-787-7631

EQUIPMENT LIST

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

ITEM NO.	DESCRIPTION	QUANTITY
9086	Video detection interface equipment: 1-4 cameras (To be installed by signal shop).	1 EA

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1003	Maintenance of traffic per assignment.	1 EA
8007	Video detection camera & cable up to 500'	2 EA

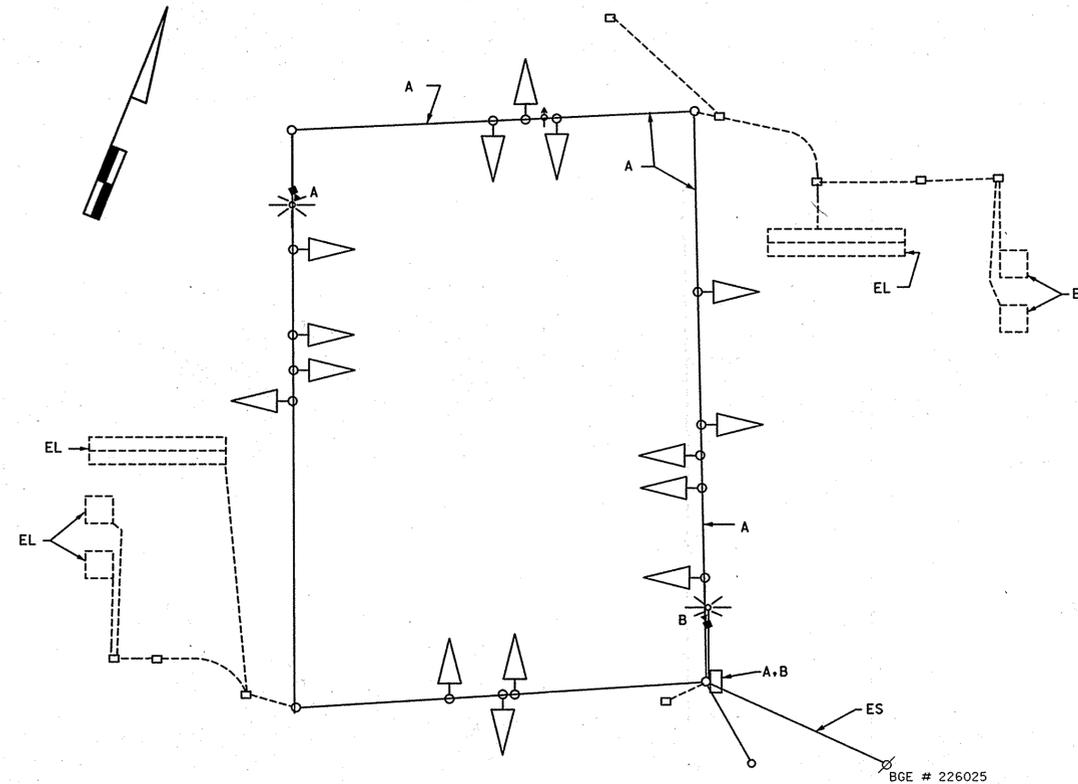
C. EQUIPMENT TO BE REMOVED

There is no equipment to be removed for this project.

PHASE CHART

THERE IS NO PHASE CHART CHANGE AS A RESULT OF THIS PROJECT.

WIRING DIAGRAM



WIRING KEY
 A) CONTROL CABLE (CAMERA TO B) CONTROLLER) UP TO 500'
 EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING
 ES - EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY BGE

TOD NO: AX139-04
 SHA NO: BW392M84
 US 40@ABINGDON RD/OTTER POINT RD

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION

US 40 (PULASKI HIGHWAY) AND ABINGDON ROAD / OTTER POINT ROAD
 ABINGDON, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE	DATE 1/15/08	CONTRACT NO. AX1395185
DESIGNED BY JAMES ALLEN JR	COUNTY HARFORD	
DRAWN BY ROB CICCHINI	LOGMILE 1:2004006.35	
CHECKED BY <i>[Signature]</i>	TMS NO. I858	
F.A.P. NO.	TOD NO.	
TS NO. 3362C	DRAWING NO. 2 OF 2	SHEET NO. OF

REVISION "C"

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

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PLOTTED: \$DATE\$
 FILE: \$FILE\$

BORGER REV: DATE: June 1, 2004

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