

DRILL HOLES

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PROJECT DESCRIPTION

I. GENERAL
This project involves the reconstruction of an existing Traffic Control Signal with existing overhead interconnect at the intersection of US 13 (BUS) (Salisbury Blvd) and Pine Bluff Road in Wicomico County.

II. INTERSECTION OPERATION

- 1. The intersection shall continue to operate in a NEMA four-phase, fully-actuated mode, with the US 13 (BUS) (Salisbury Blvd) approaches running concurrently.
2. A full-traffic-actuated, eight-phase controller with video interface and all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be installed 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) 787-7652 seven-two hours in advance of intended work.
3. Upon completion of this project, the Contractor shall notify Mr. Robert Snyder at (410) 787-7631 to arrange for the phone line relocation.

The contact persons for District #1 are as follows:

- Mr. Gene Cofield, Assistant District Engineer - Traffic, Phone: (410) 677-4040
Mr. Ed Rodenhizer, Chief, Traffic Signal Operations, 410-787-7652
Mr. Wayne Weichmann, Assistant District Engineer - Maintenance, Phone: (410) 677-4010
Mr. Sonny Bailey, Chief Sign Shop, 410-787-7670
Mr. Bruce Poole, Assistant District Engineer - Utility, Phone: (410) 677-4082
Mr. Richard L. Daff, Sr., Chief, Traffic Operations Division, Phone: (410) 787-7630
Rodney Bain, Delmarva, 2530 N. Salisbury Blvd, Salisbury, MD 21802, Phone: 410 860-6242

EQUIPMENT LIST

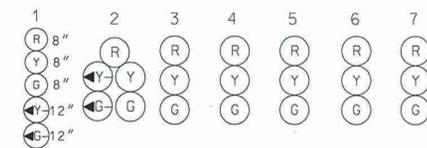
Table with columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like sheet aluminum signs, signal heads, and guide shield assemblies.

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with columns: ITEM NO., DESCRIPTION, QUANTITY, UNIT. Lists items like traffic signal equipment, excavations, conduits, cables, and detectors.

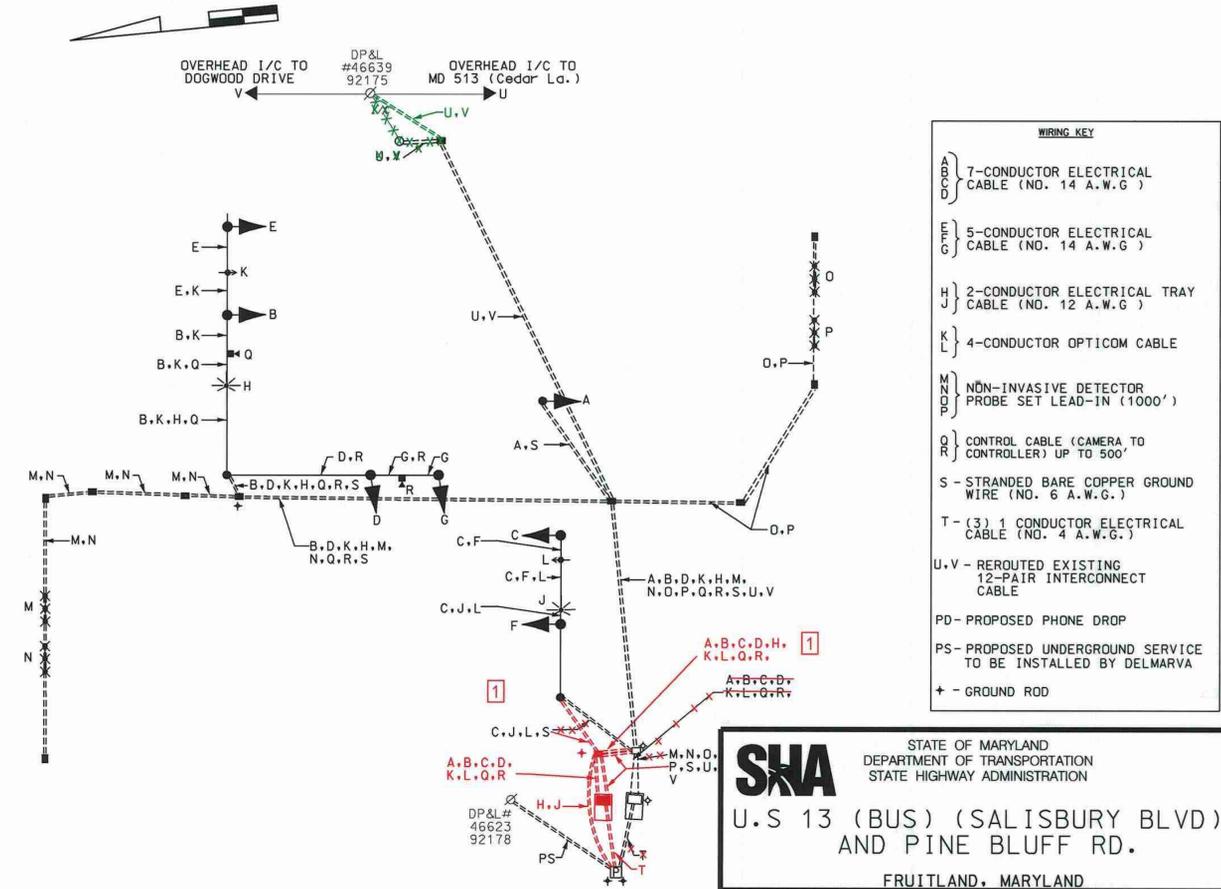
C. EQUIPMENT TO BE REMOVED
Contractor shall return existing video camera to the SHA Signal Shop. All other removed signal materials are to become the property of the contractor.

PHASE CHART



Phase chart table with columns for phases 1 & 6, 2 & 6, 4, and PRE-EMPT 1, and rows for various signal states like PHASE 1 & 6, 1 & 6 CHANGE, etc.

WIRING DIAGRAM



WIRING KEY table defining symbols for cable types (A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, PD, PS, +) and their specifications.

GREENLINE REVISION 8/18/10
TEDD APPROVAL [Signature] 9/14/2010

REDLINE REVISION 8/25/10
TEDD APPROVAL [Signature] 9/14/2010

STREET TRAFFIC STUDIES, LTD. logo and contact information including address and phone numbers.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
U.S 13 (BUS) (SALISBURY BLVD) AND PINE BLUFF RD.
FRUITLAND, MARYLAND
GENERAL INFORMATION SHEET
SCALE NONE DATE 4/15/09 CONTRACT NO. XX4435185
DESIGNED BY James Allen Jr. COUNTY WICOMICO
DRAWN BY James Allen Jr. LOGMILE 22B01303.45
CHECKED BY TIMS NO. J120
F.A.P. NO. TOD NO.