

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT THE INTERSECTION OF US 13 BUSINESS (S. SALISBURY BOULEVARD) AND PINE BLUFF ROAD IN WICOMICO COUNTY. VIDEO DETECTION WILL BE INSTALLED FOR PRESENCE DETECTION FOR THE EASTBOUND APPROACH. US 13 BUSINESS IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA SIX-PHASE, FULL-TRAFFIC-ACTUATED MODE.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET, CONTROLLER, EQUIPMENT AND ASSOCIATED HARNESSES SHALL REMAIN. THE SHA SIGNAL SHOP WILL INSTALL 1 (ONE) VIDEO INTERFACE EQUIPMENT WITHIN THE CABINET.

THE CONTACT PERSONS FOR DISTRICT #1 ARE AS FOLLOWS:

Mr. Gene Coffell
Assistant District Engineer - Traffic
Phone: 410-677-4040

Mr. Bruce Poole
Assistant District Engineer - Utility
Phone: 410-677-4082

Mr. James Wright
Assistant District Engineer - Maintenance
Phone: 410-677-4010

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

Mr. Edward Rodenhizer
Chief, SHA Signal Shop
Phone: 410-787-7650

The Power Company Representative is:
Delmarva Power
2530 N Salisbury Blvd.
Salisbury, Maryland
1-800-375-7117

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO.	QUANTITY	DESCRIPTION
9086	1 EA	[UPDATED] VIDEO DETECTION INTERFACE EQUIPMENT; I-4 CAMERAS

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8003	1 EA	CLAMP ON VIDEO CAMERA ARM
8006	1 EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8007	1 EA	VIDEO DETECTION CAMERA AND CABLE

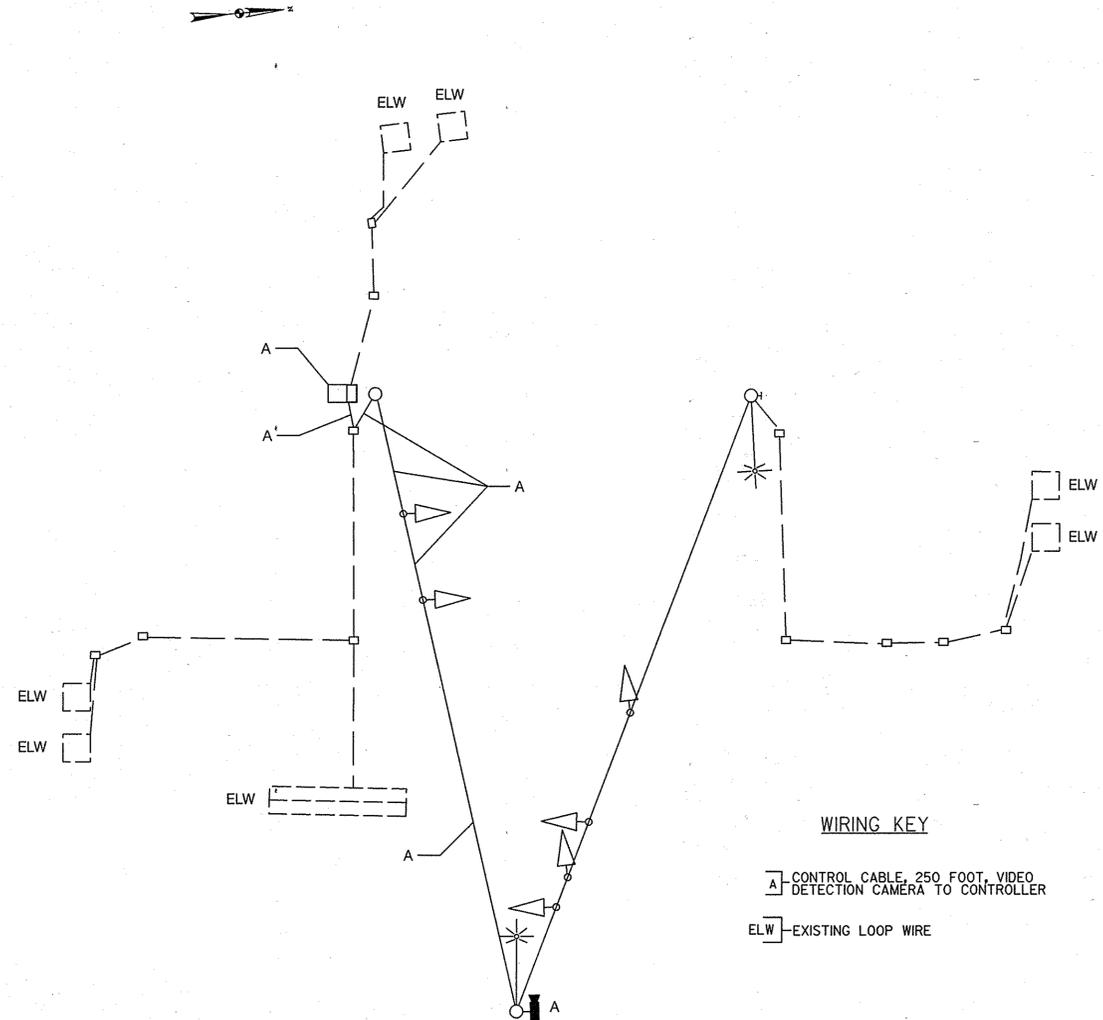
EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO. QUANTITY DESCRIPTION

NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR

WIRING DIAGRAM



WIRING KEY

- CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER
- EXISTING LOOP WIRE

PHASE CHART

	1	2	3	4	5	6	
PHASE 1 & 6							
PHASE 1 CHANGE							
PHASE 2 & 6							
PHASE 2 & 6 CHANGE							
PHASE 4							
PHASE 4 CHANGE							
PRE-EMPTION 2 & 6							
PRE-EMPTION 2 & 6 CHANGE							
FLASHING OPERATION							

TOD NO: AX139-03
SHA NO: W1374AS2/B52/CS2
US 13 BUS.: COLLEGE AVE TO SOMERSET COUNTY LINE

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 BUSINESS (S. SALISBURY BOULEVARD)
AND PINE BLUFF ROAD

GENERAL INFORMATION

SCALE NONE ADVERTISED DATE 11/01/07 CONTRACT NO. AX1395185
DESIGNED BY MCG COUNTY WICOMICO
DRAWN BY CCW LOGMILE 22B01303.45
CHECKED BY BAB TIMS NO. 1393
F.A.P. NO. TOD NO.

TS NO. 1733C-GI DRAWING SG-2 OF 2 SHEET NO. 2 OF 2

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112