

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 13 BUS. (S. SALISBURY BLVD.) AND WEST COLLEGE AVE. IN WICOMICO COUNTY. THE WORK WILL CONSIST OF UPGRADING THE PEDESTRIAN SIGNALS TO COUNTDOWN SIGNALS, THE PEDESTRIAN PUSHBUTTONS TO AUDIBLE-TACTILE PUSHBUTTON STATIONS AND THE REPLACEMENT OF THE S.B. US 13 BUS. PASSAGE DETECTION. US 13 BUS. IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR BOTH DIRECTIONS OF US 13 BUS., SIDE STREET SPLIT PHASING AND AN ALTERNATE PEDESTRIAN PHASE ACROSS THE NORTH LEG OF US 13 BUS. THIS OPERATION WILL NOT CHANGE.

CONTROLLER REQUIREMENTS

THE EXISTING EIGHT-PHASE, FULLY-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET WILL BE USED. INSTALL A 2-WIRE CENTROL UNIT INTO THE EXISTING BASE MOUNTED CABINET.

APS NOTES

TO CROSS US 13 BUS. (NORTH LEG)

- A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL BE "WAIT TO CROSS SOUTH SALISBURY AT WEST COLLEGE, WAIT."
- B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE

CONTACT PERSONS FOR DISTRICT 1 ARE AS FOLLOWS:

MR. KEN CIMINO
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 677-4040

MR. WAYNE WEICHMAN
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 677-4010

MR. BRUCE W. POOLE
UTILITY ENGINEER
(410) 677-4082

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MR. MIKE STOCKER
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
CHIEF - SIGNAL OPERATIONS SECTION
(410) 787-7652

PHASE CHART

PHASE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 & 5	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1 & 5 CHANGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PHASE 1 & 6	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1 CHANGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PHASE 2 & 5	R	R	R	R	R	R	R	R	R	R	R	R	R	R
5 CHANGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PHASE 2 & 6	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2 & 6 CHANGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3 CHANGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PHASE 4	R	R	R	R	R	R	R	R	R	R	R	R	R	R
4 CHANGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PHASE 4 ALT.	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PED CLEAR	G	G	G	G	G	G	G	G	G	G	G	G	G	G
4 ALT. CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLR	DARK						

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

QUANTITY	DESCRIPTION
NONE	

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
225 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKING - ANY WIDTH
360 LF	12 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
70 LF	10 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
1 EA	2-WIRE CENTRAL CONTROL UNIT
2 EA	AUDIBLE /TACTILE PEDESTRIAN PUSHBUTTON AND SIGN
2 EA	ADJUST EXISTING HANDHOLE TO GRADE
15 LF	1 IN. FLEXIBLE, LIQUID-TIGHT CONDUIT
LS	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT
40 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
2 EA	MICRO-LOOP PROBE

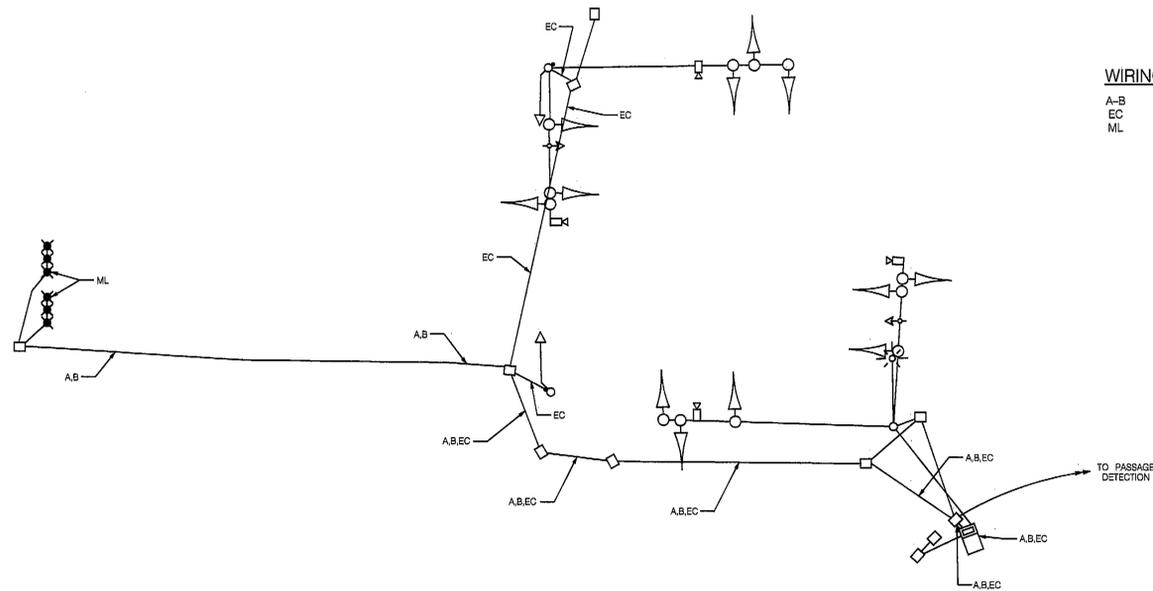
EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

QUANTITY	DESCRIPTION
NONE	

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



WIRING KEY

- A-B MICRO-LOOP PROBE LEAD-IN
- EC EXISTING CABLE
- ML MICRO-LOOP PROBE

SHA TRACKING NO. 10-AP-WI-005

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**US 13 BUS. (S. SALISBURY BLVD.)
AND WEST COLLEGE AVE.**
SALISBURY, MARYLAND

GENERAL INFORMATION PLAN

SCALE	NONE	DATE	1-17-12	CONTRACT NO.	BW996M82
DESIGNED BY	T.ZAYDEL	COUNTY	WICOMICO		
DRAWN BY	T.ZAYDEL	LOGMILE	22B01304.17		
CHECKED BY	K.SCHMID	T.I.M.S. NO.			
F.A.P. NO.	NA	TOD NO.			
DRAWING NO.	TS-1883 D GI	SHEET NO.	4	OF	4

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
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Gambrills, MD 21054
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DATE: Wednesday, February 08, 2012 AT 09:22 AM