PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF US 13 BUSINESS AND WEST COLLEGE AVENUE IN WICOMICO COUNTY. US 13 BUSINESS IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, SEMI-TRAFFIC-ACTUATED MODE. THERE IS AN EXCLUSIVE LEFT TURN PHASE FOR BOTH THE NORTH AND SOUTH APPROACHES OF US 13 BUSINESS. US 13 BUSINESS THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY AND WEST COLLEGE AVENUE THROUGH MOVEMENTS WILL RUN CONSECUTIVELY. THERE IS AN ALTERNATE PEDESTRIAN PHASE FOR THE NORTH LEG OF THE INTERSECTION.

EQUIPMENT LIST FOR CONTRACT NO. XX6615185

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8001	18	EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8023	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8056	425	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8066A	1	EA	RELOCATE EXISTING TRAFFIC SIGNAL

C. EQUIPMENT TO BE REMOVED.

SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. ALL OTHER EXISTING SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.

CONTACTS

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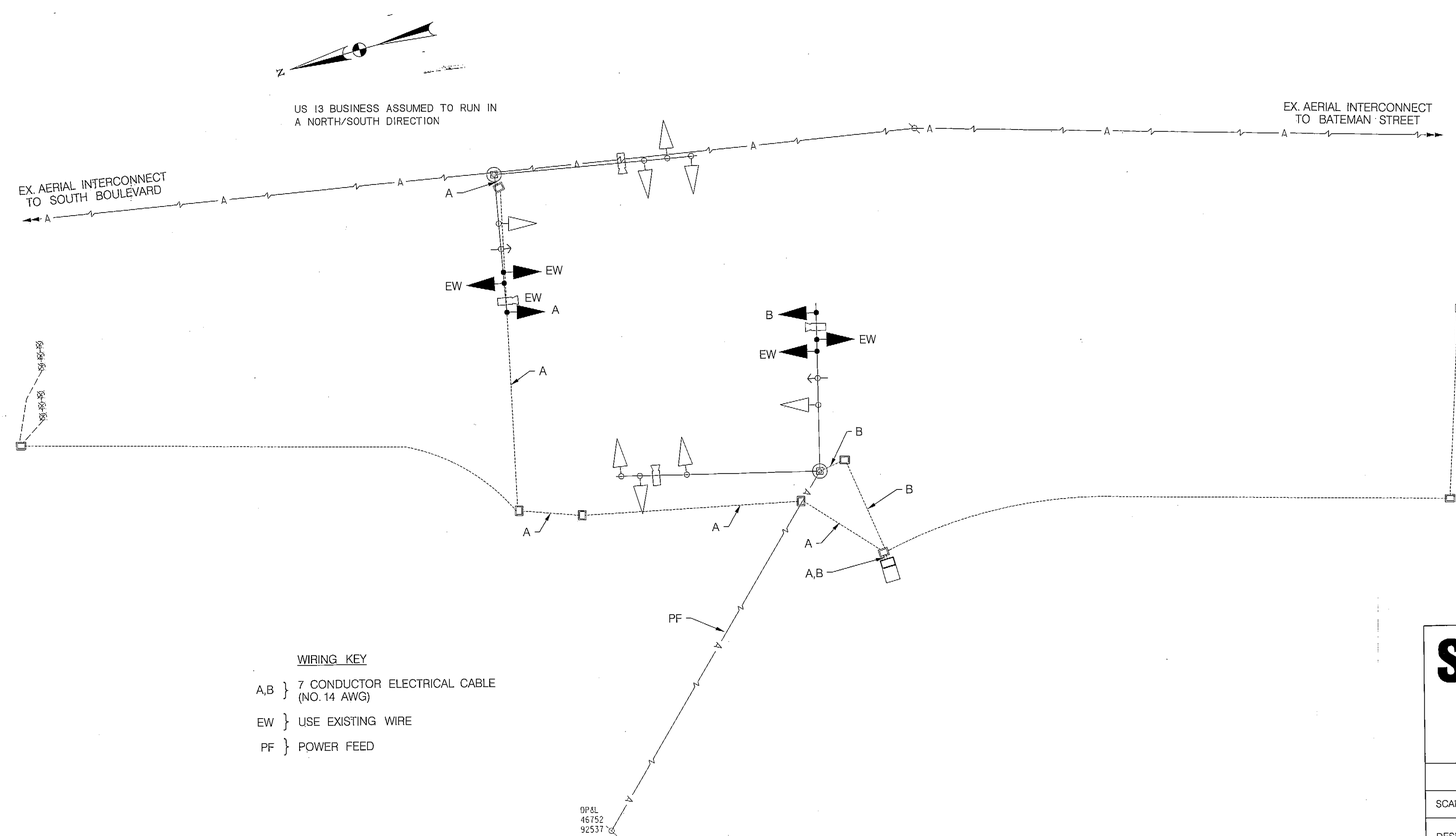
PHASE CHART

	1	2	3	4	5	6	7	8	9	11	10	12	13	14	15	16
PHASE 1 AND 5	←G	←G	R	R	←G	←G	R	R	R	R	R	R	R	R	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																
PHASE 1 AND 6	←R	←R	R	R	←G	←G	G	G	R	R	R	R	R	R	DW	DW
1 CHANGE	←R	←R	R	R	←Y	←Y	G	G	R	R	R	R	R	R	DW	DW
PHASE 2 AND 5	←G	←G	G	G	←R	←R	R	R	R	R	R	R	R	R	DW	DW
5 CHANGE	←Y	←Y	G	G	←Y	←Y	R	R	R	R	R	R	R	R	DW	DW
PHASE 2 AND 6	←R	←R	G	G	←R	←R	G	G	R	R	R	R	R	R	DW	DW
2 AND 6 CHANGE	←R	←R	Y	Y	←R	←R	Y	Y	R	R	R	R	R	R	DW	DW
PHASE 3	←R	←R	R	R	←R	←R	R	R	←G/G	←G/G	G	R	R	R	DW	DW
3 CHANGE	←R	←R	R	R	←R	←R	R	R	Y	Y	Y	R	R	R	DW	DW
PHASE 4	←R	←R	R	R	←R	←R	R	R	R	R	R	←G/G	←G/G	G	DW	DW
4 CHANGE	←R	←R	R	R	←R	←R	R	R	R	R	R	Y	Y	Y	DW	DW
PHASE 4 ALT	←R	←R	R	R	←R	←R	R	R	R	R	R	←G/G	←G/G	G	WK	WK
PED CLEARANCE	←R	←R	R	R	←R	←R	R	R	R	R	R	←G/G	←G/G	G	FL/DW	FL/DW
4 ALT CHANGE	←R	←R	R	R	←R	←R	R	R	R	R	R	Y	Y	Y	DW	DW
FLASHING OPERATION	←FL/R	←FL/R	FL/Y	FL/Y	←FL/R	←FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK



WIRING KEY

A,B } 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

EW } USE EXISTING WIRE

PF } POWER FEED

TOD NO: XX661-45
SHA NO: WI134B55
US 13 Business @ West College Avenue

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 BUSINESS (S. SALISBURY BLVD.) AND WEST COLLEGE AVENUE
SALISBURY, MD

GENERAL INFORMATION PLAN SHEET

SCALE NONE ADVERTISED DATE 05/2013 CONTRACT NO. XX6615185

DESIGNED BY CW
DRAWN BY CW
CHECKED BY RM
F.A.P. NO.

COUNTY WICOMICO
LOGMILE 22B01304.17
TIMS NO. L814
TOD NO.

TS NO. 1883 E | DRAWING GI-1 OF 1 | SHEET NO. 2 OF 2

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PLOTTED: Tuesday, March 12, 2013 AT 02:13 PM
FILE: P:\09-002 TEDD\Task 117 US 13 @ W College Ave\Drawings\CADD\Working\pSG-NC01_US13@W_College.dgn

BY: fanyong