

PROJECT DESCRIPTION

I. GENERAL

This project involves the Modification of an existing Traffic Control Signal with street lighting and interconnect at the intersection of US 50 (Ocean Gateway) and Chapel Rd in Talbot County. US 50 (Ocean Gateway) is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- The intersection is to operate in a NEMA six-phase, fully-actuated mode, with the US 50 (Ocean Gateway) approaches continuing to run concurrent. The Exclusive/Permissive left turn phase for eastbound and westbound US 50 (Ocean Gateway) shall continue to be provided. A new split side street operation shall be installed for Chapel Rd.
- A existing full-traffic-actuated, eight-phase controller in a NEMA size "6" base-mounted cabinet shall be utilized.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, excluding interconnect, 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 #2 are as follows:

Mr. Robert Kiel
Assistant District Engineer - Traffic
Phone: (410) 810-3240

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

Mr. Terry Wright
Assistant District Engineer - Maintenance
Phone: (410) 810-3250

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

Mr. Barry Clothier
Assistant District Engineer - Utility
Phone: (410) 810-3060

Mr. Sonny Bailey
Sign Shop
410-787-7670

The power company representative is:
Easton Electrical Co-op
Mr Bill Vorwald
1-410-822-6110

EQUIPMENT LIST

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

ITEM NO.	DESCRIPTION	QUANTITY
	NONE	

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

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic	1 EA
8001	12" LED Signal Head Section	36 EA
8004	8" LED Signal Head Section	12 EA
8014	Remove and Dispose of Equipment Per Assignment	1 EA

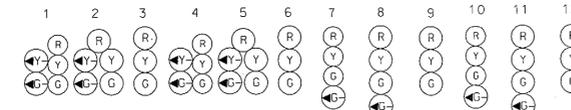
EQUIPMENT LIST

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
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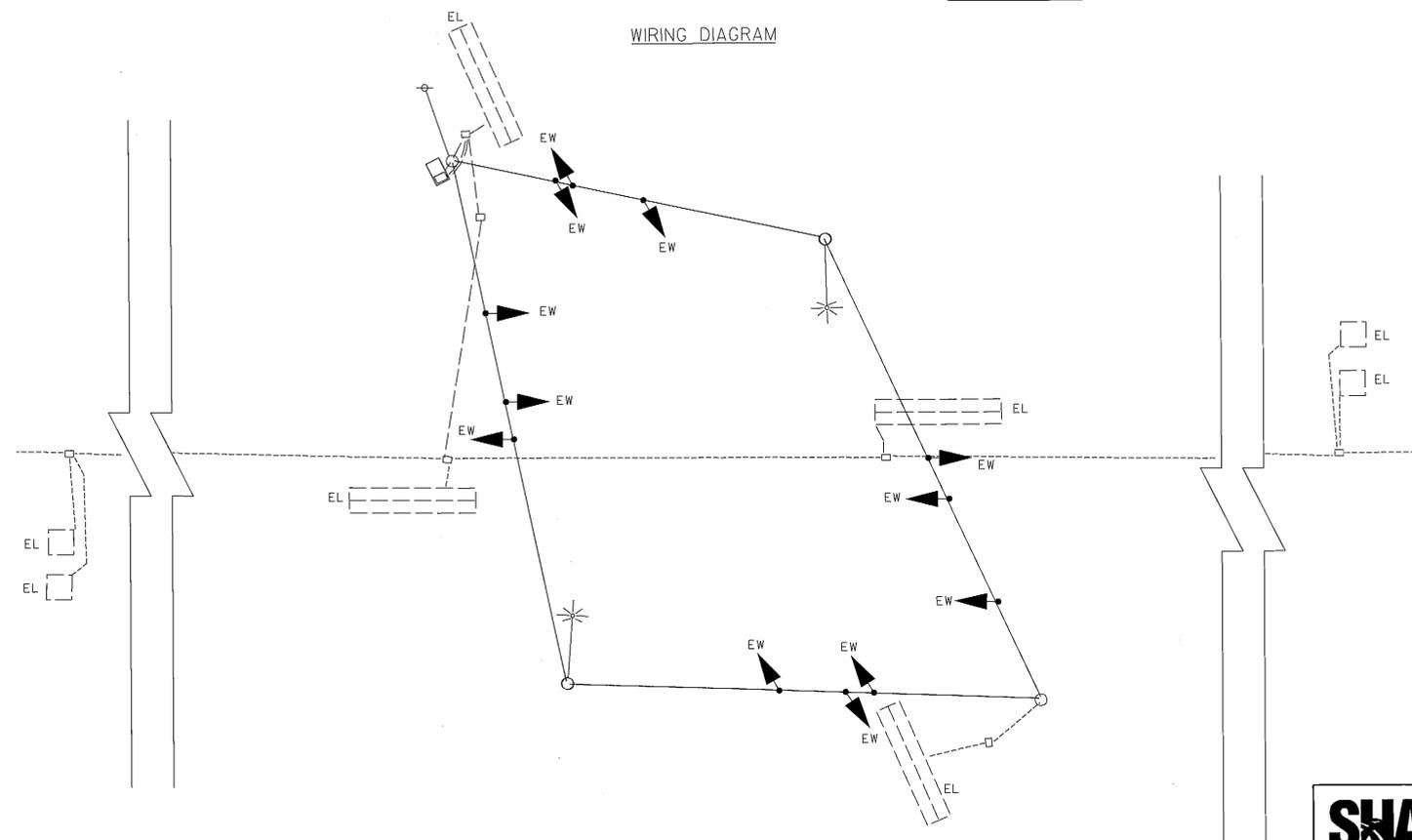
All of the removed equipment shall become the property of the contractor.

PHASE CHART



PHASE 1 & 5	←G→/R	←G→/R	R	←G→/R	←G→/R	R	R	R	R	R	R	R	R
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6													
PHASE 1 & 6	←G→/G	←G→/G	G	R	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	←Y→/G	←Y→/G	G	R	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	←G→/G	←G→/G	G	R	R	R	R	R	R	R
2 & 5 CHANGE	R	R	R	←Y→/G	←Y→/G	G	R	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	R	R	R	G	G	G	G
3 CHANGE	R	R	R	R	R	R	R	R	R	←G→	←G→	←G→	←G→
PHASE 4	R	R	R	R	R	R	R	R	R	G	G	R	R
4 CHANGE	R	R	R	R	R	R	R	R	R	←G→	←G→	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R						

WIRING DIAGRAM



WIRING KEY

EW - POWER SERVICE
EL - POWER SERVICE
ES - EXISTING POWER SERVICE

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 50 (Ocean Gateway) and Chapel Road
Easton, Maryland

GENERAL INFORMATION

SCALE None DATE March 6, 1984 CONTRACT NO. _____

DESIGNED BY _____ COUNTY TALBOT
DRAWN BY _____ LOGMILE 20005010.17
CHECKED BY _____ TMS NO. J711
F.A.P. NO. _____ TOD NO. _____

TS NO. 1949 D DRAWING NO. OF SHEET NO. 2 OF 2