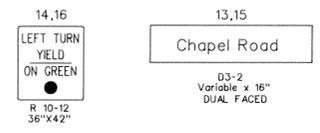


F H W A REGION NO.	STATE	FED. RD PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

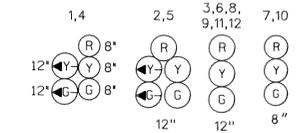


US 50 IS ASSUMED TO RUN  
IN AN EAST - WEST DIRECTION.

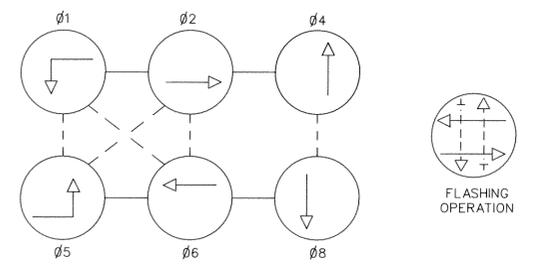
**SIGNS**



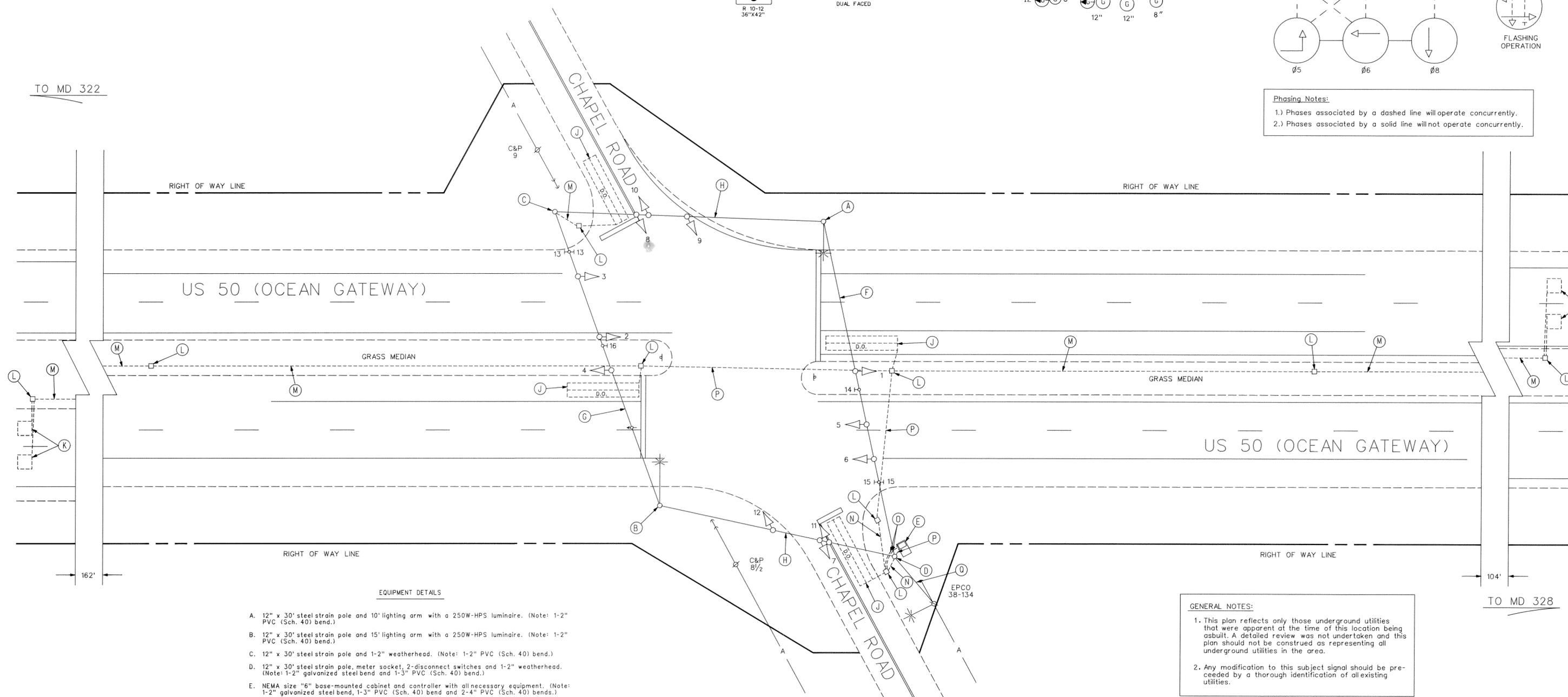
**SIGNALS**



**NEMA PHASING**



**Phasing Notes:**  
 1.) Phases associated by a dashed line will operate concurrently.  
 2.) Phases associated by a solid line will not operate concurrently.



**EQUIPMENT DETAILS**

- A. 12" x 30' steel strain pole and 10' lighting arm with a 250W-HPS luminaire. (Note: 1-2" PVC (Sch. 40) bend.)
- B. 12" x 30' steel strain pole and 15' lighting arm with a 250W-HPS luminaire. (Note: 1-2" PVC (Sch. 40) bend.)
- C. 12" x 30' steel strain pole and 1-2" weatherhead. (Note: 1-2" PVC (Sch. 40) bend.)
- D. 12" x 30' steel strain pole, meter socket, 2-disconnect switches and 1-2" weatherhead. (Note: 1-2" galvanized steel bend and 1-3" PVC (Sch. 40) bend.)
- E. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 1-2" galvanized steel bend, 1-3" PVC (Sch. 40) bend and 2-4" PVC (Sch. 40) bends.)
- F. 3/8" steel span wire, traffic signal heads and signs. (Note: Signal heads and R10-12 sign are tethered using 1/4" tether wire.)
- G. 3/8" steel span wire, traffic signal heads, opticam detector eye and signs. (Note: Signal heads and R10-12 sign are tethered using 1/4" tether wire.)
- H. 3/8" steel span wire and traffic signal heads.
- J. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
- K. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).
- L. Handhole.
- M. 2" polyvinyl chloride electrical conduit (Sch. 40).
- N. 3" polyvinyl chloride electrical conduit (Sch. 40).
- O. 4" polyvinyl chloride electrical conduit (Sch. 40).
- P. 2" galvanized steel electrical conduit.
- Q. Overhead electrical service by EPCO.

**GENERAL NOTES:**  
 1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.  
 2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

**UTILITY LEGEND**

— G — G —	GAS MAIN
— W — W —	WATER MAIN
— S — S —	SEWER MAIN
— E — E —	ELECTRIC CABLES
— A — A —	AERIAL CABLES
— T — T —	TELEPHONE CABLES

REVISION "B" ASBUILT

STREET TRAFFIC STUDIES, LTD.  
 Gateway International  
 1302 Concourse Drive, Suite 104  
 Linthicum, Maryland 21090  
 Ph (410) 859-3553  
 Fax (410) 859-3579

REVISIONS	APPROVALS
	ASST. CHIEF TEDO SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 US 50 AND CHAPEL ROAD

DRAWN BY: W. RICHARDSON	COUNTY: TALBOT	TS NO. 1949 B	SHEET NO. 1 OF 1
CHECK BY:	LOG MILE: 20005010.17	T.I.M.S. NO.	
DATE: 3-6-84	F.A.P. NO.		
SCALE: 1" = 20'	S.H.A. NO. 855-25001		