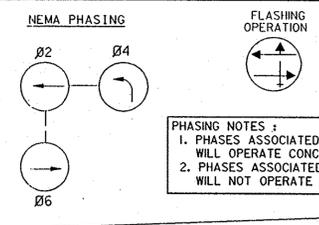
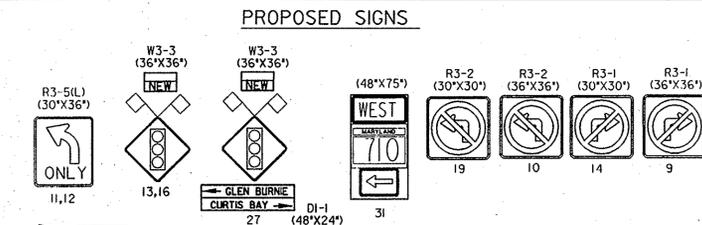
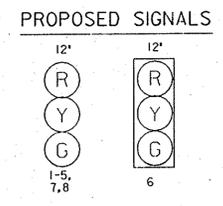
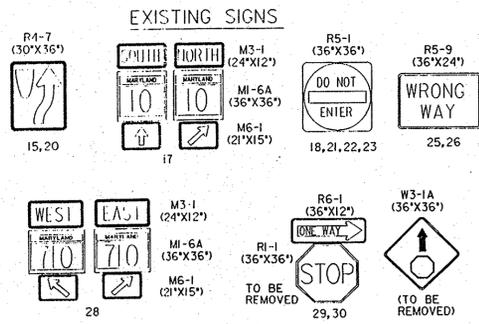
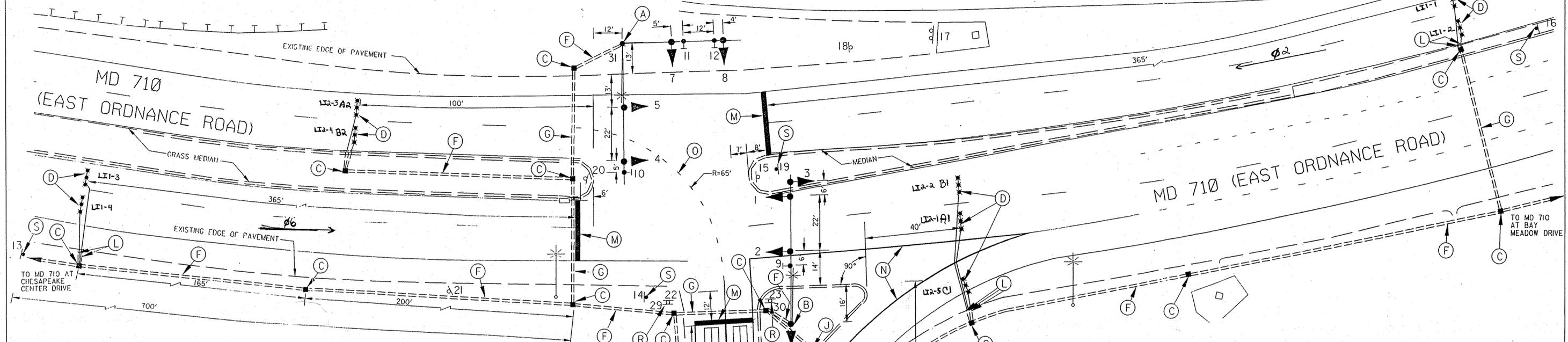


F H M A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



PHASING NOTES:
 1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MD 710 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION.



CONSTRUCTION DETAIL

- A. Install 27 ft steel pole with twin 56 ft and 50 ft mast arms, signal heads, signs, and a 20 ft lighting arm with a 250 watt HPS lamp and luminaire. (Note: one-2 in. x 90 degree, PVC schedule 40 conduit bend and four - 2 in. x 90 in. anchor bolts).
- B. Install 27 ft steel pole with a 60 ft mast arm, signal heads, signs, and a 20 ft lighting arm with a 250 watt HPS lamp and luminaire. (Note: one-2 in. x 90 degree PVC schedule 40 conduit bend and four- 1-3/4 in. x 90 in. anchor bolts).
- C. Install handhole.
- D. Install micro loop probe set with 1000 ft lead in cable.
- E. Install 6 ft x 30 ft quadrupole loop detector (2-4-2 turns) encased in flexible tubing.
- F. Install 2 in. PVC schedule 40 electrical conduit - trenched.
- G. Install 3 in. PVC schedule 80 electrical conduit - pushed.
- H. Install two 4 in. PVC schedule 80 electrical conduit - pushed.
- I. Install two 4 in. PVC schedule 80 electrical conduit - trenched.
- J. Install two 4 in. PVC schedule 80 electrical conduit - trenched.
- K. Install 4 in. PVC schedule 40 electrical conduit - trenched.
- L. Install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
- M. Install 24 in. white permanent preformed pavement marking tape.
- N. Install 5 in. white permanent preformed pavement marking tape.
- O. Install 5 in. white auxiliary lane line (2 ft segment with 6 ft gaps)
- P. Install base mounted controller and cabinet as shown.
- Q. Proposed power service by BG&E.
- R. Remove existing stop sign.
- S. Install ground mounted sign.
- BB. Remove/trim existing pavement marking.
- CC. Remove existing W 3-in sign.

GENERAL NOTES

- PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARD. SEE SHEET 2 OF 4 FOR ADDITIONAL PAVEMENT MARKINGS.
- D.O. DENOTES DELAYED OUTPUT.
- HANDHOLES ARE TO BE SPACED 200 FEET APART UNLESS OTHERWISE DETAILED ON PLANS.

UTILITY LEGEND	
T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM PRAIN
GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS

REVISIONS	APPROVALS
	<i>[Signature]</i> CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	<i>[Signature]</i> 9/12/95 CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 9/12/95 DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION			
Office of Traffic & Safety			
TRAFFIC ENGINEERING DESIGN DIVISION			
ORIGINAL DRAWN BY	ROB CICCHINI	MD 710 @ MD 10 (RAMP)	
DES. BY	D. PETERS / J. ALLEN JR.	LOG MILE #02071000.79	COUNTY: ANNE ARUNDEL
CHK. BY	<i>[Signature]</i>	DATE: 9/6/95	F.A.P. NO. STPG-000S (302) E
DATE:	9/6/95	SCALE: 1"=20'	S.H.A. NO. AW793-455-535
		TS/FILE NO. 3536	SHEET NO. 1 OF 4

