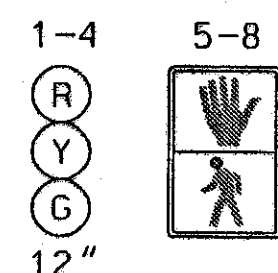
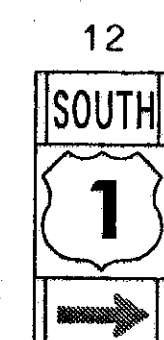
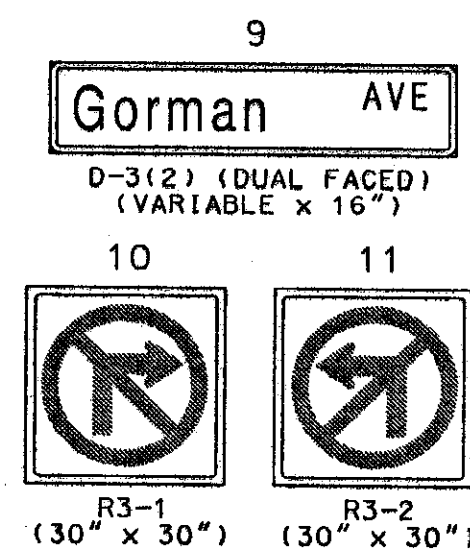


US 1 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS



EXISTING SIGNS

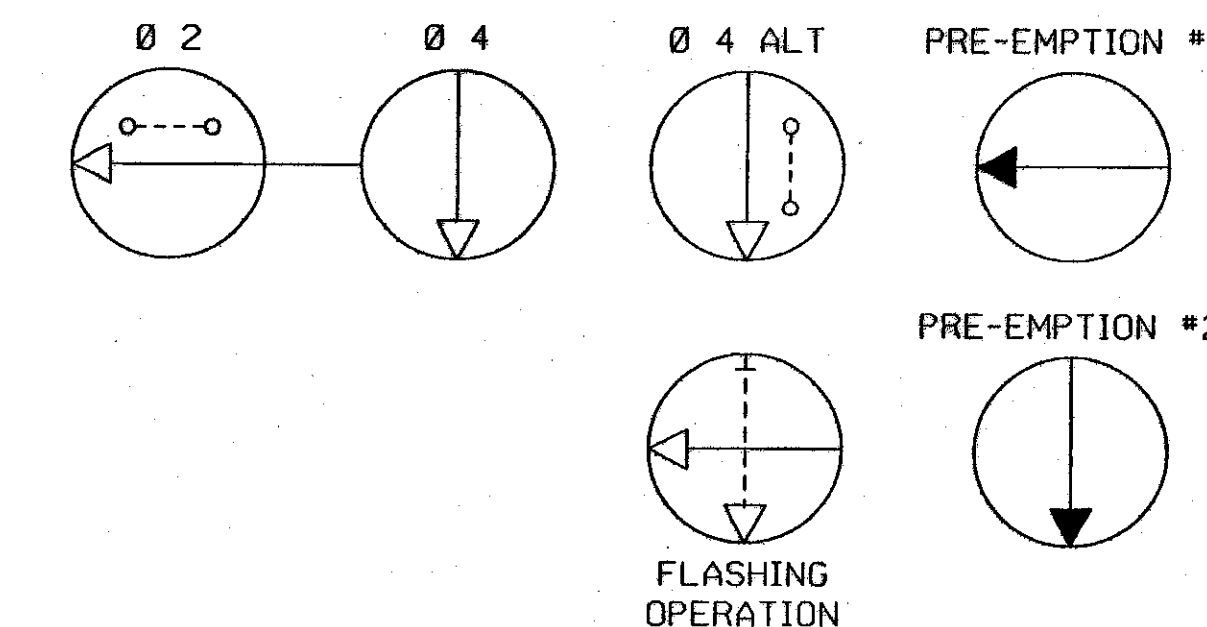


ASSOCIATED
SHIELD
ASSEMBLY
(24" X 51")

PHASE CHART

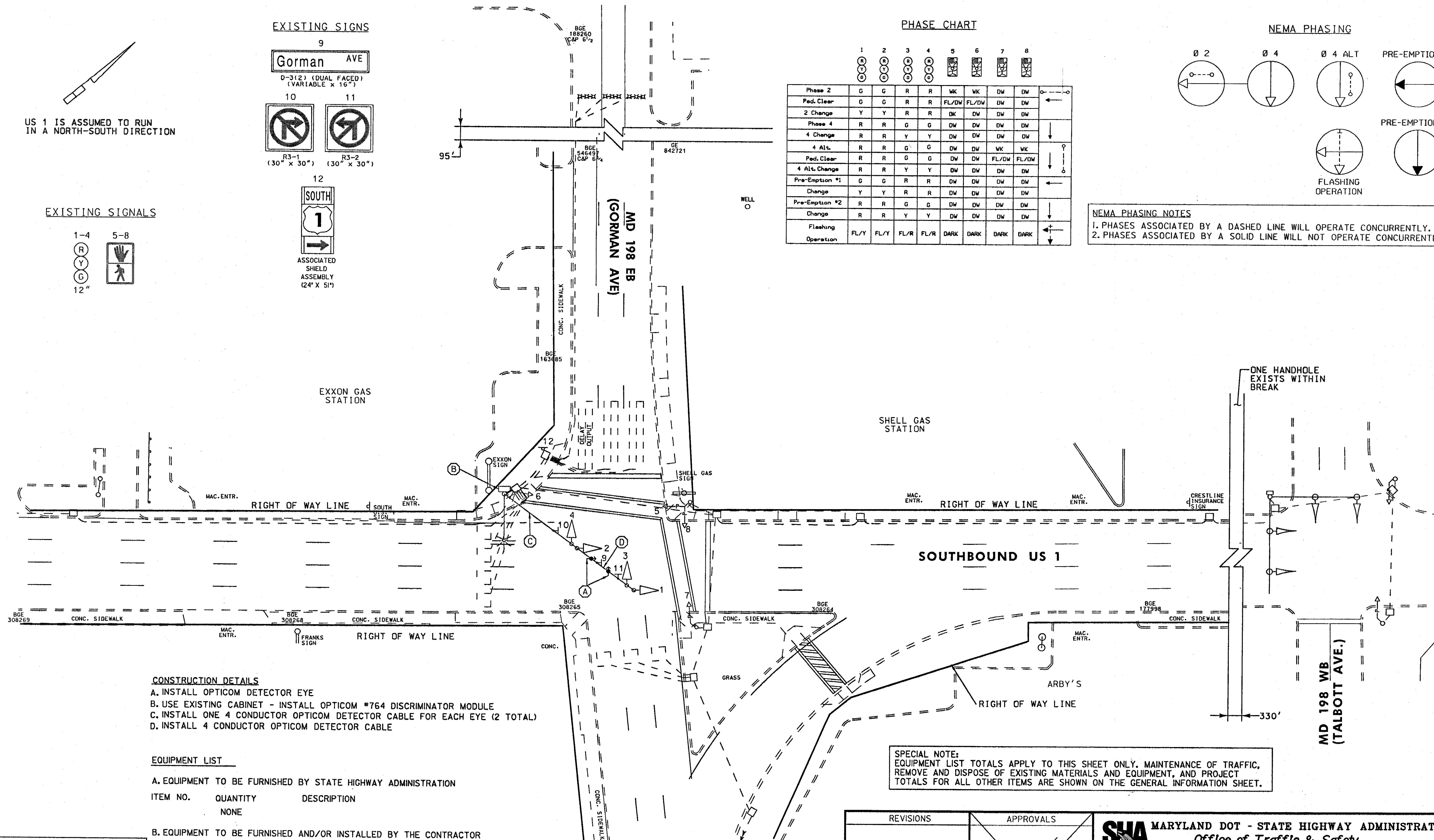
	1	2	3	4	5	6	7	8
Phase 2	G	G	R	R	WK	WK	DW	DW
Ped. Clear	G	G	R	R	FL/DW	FL/DW	DW	DW
2 Change	Y	Y	R	R	OK	DW	DW	DW
Phase 4	R	R	G	G	DW	DW	DW	DW
4 Change	R	R	Y	Y	DW	DW	DW	DW
4 Alt.	R	R	G	G	DW	WK	WK	WK
Ped. Clear	R	R	G	G	DW	FL/DW	FL/DW	FL/DW
4 Alt. Change	R	R	Y	Y	DW	DW	DW	DW
Pre-Emption #1	G	G	R	R	DW	DW	DW	DW
Change	Y	Y	R	R	DW	DW	DW	DW
Pre-Emption #2	R	R	G	G	DW	DW	DW	DW
Change	R	R	Y	Y	DW	DW	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK	DARK	DARK

NEMA PHASING



NEMA PHASING NOTES

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



CONSTRUCTION DETAILS

- INSTALL OPTICOM DETECTOR EYE
- USE EXISTING CABINET - INSTALL OPTICOM #764 DISCRIMINATOR MODULE
- INSTALL ONE 4 CONDUCTOR OPTICOM DETECTOR CABLE FOR EACH EYE (2 TOTAL)
- INSTALL 4 CONDUCTOR OPTICOM DETECTOR CABLE

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
	NONE	

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

ITEM NO.	QUANTITY	DESCRIPTION
8059	1 EA	OPTICOM #764 DISCRIMINATOR MODULE
8061	2 EA	OPTICOM #721 DETECTOR EYE
8079	185 LF	4 CONDUCTOR OPTICOM CABLE

SPECIAL NOTE:
EQUIPMENT LIST TOTALS APPLY TO THIS SHEET ONLY. MAINTENANCE OF TRAFFIC,
REMOVE AND DISPOSE OF EXISTING MATERIALS AND EQUIPMENT, AND PROJECT
TOTALS FOR ALL OTHER ITEMS ARE SHOWN ON THE GENERAL INFORMATION SHEET.

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

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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
SOUTHBOUND US 1 AND MD 198 EB (GORMAN AVE.)
SHA# PGW57A53/P23

DRAWN BY:	F.A.P. NO.	TS NO.
CHECKED BY:	S.H.A. NO.	
SCALE:	COUNTY:	
DATE:	LOG MILE:	

SHEET NO.
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