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

EXISTING SIGNS

6 — Gorman AVE — D-3(2) (DUAL FACED) (VARIABLE x 16")

5 — R3-2 (30" x 30")

8 — R3-1 (30" x 30")

7 — NORTH 1 — ASSOCIATED SHIELD ASSEMBLY (36" X 75")

9 — ONLY — R3-5(I) 30" x 36"

10 — ONLY — R3-5L 30" x 36"

EXISTING SIGNALS

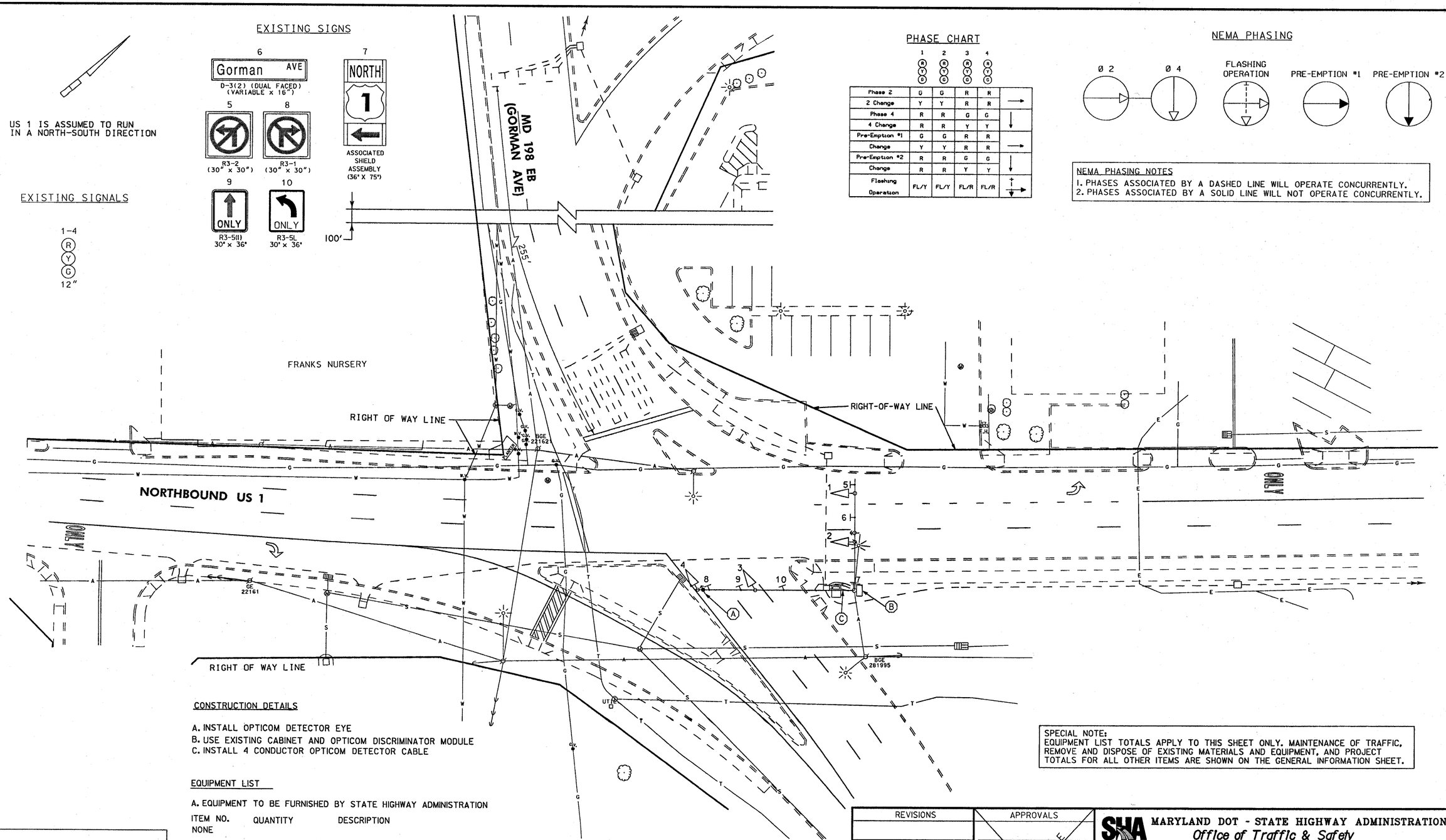
1-4 R Y G 12"

PHASE CHART

	1 (R Y G)	2 (R Y G)	3 (R Y G)	4 (R Y G)	
Phase 2	G	G	R	R	→
2 Change	Y	Y	R	R	
Phase 4	R	R	G	G	↓
4 Change	R	R	Y	Y	
Pre-Emption #1	G	G	R	R	→
Change	Y	Y	R	R	
Pre-Emption #2	R	R	G	G	↓
Change	R	R	Y	Y	
Flashing Operation	FL/Y	FL/Y	FL/R	FL/R	↑ →

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

A. INSTALL OPTICOM DETECTOR EYE
B. USE EXISTING CABINET AND OPTICOM DISCRIMINATOR MODULE
C. 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
8061	1 EA	OPTICOM #721 DETECTOR EYE
8079	105 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

C	INSTALL OPTICOM PRE-EMPTION FOR EASTBOUND TRAFFIC AT6045/85 12/04	MAM
B	RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS 11/99	NML
A	ADD OPTICOM PRE-EMPTION 3/99	MAR

APPROVALS

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

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
NORTHBOUND US 1 AND MD 198 EB (GORMAN AVE)

SHA#: P586581A53/C63 TOD#: AT404-14

DRAWN BY:	G. COOK	F.A.P. NO.		TS NO. 1633C	SHEET NO.
CHECKED BY:	W. GUCKERT	S.H.A. NO.	P-586-581-385		
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. 6493	2 OF 14
DATE:	7-26-72	LOG MILE:	16000113.60		