U.S. 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

5 — ONLY — R3-5L (30" X 36")

6 — Talbott Ave — D-3(2) (VARIABLE x 16")

9 — Second St. → — D-3(2) (VARIABLE x 16")

7 — R3-1 (30" x 30")

8 — R3-2 (30" x 30")

9 — ONLY — R3-5(1) (30" x 36")

EXISTING SIGNALS

1-4 — R Y G — 12"

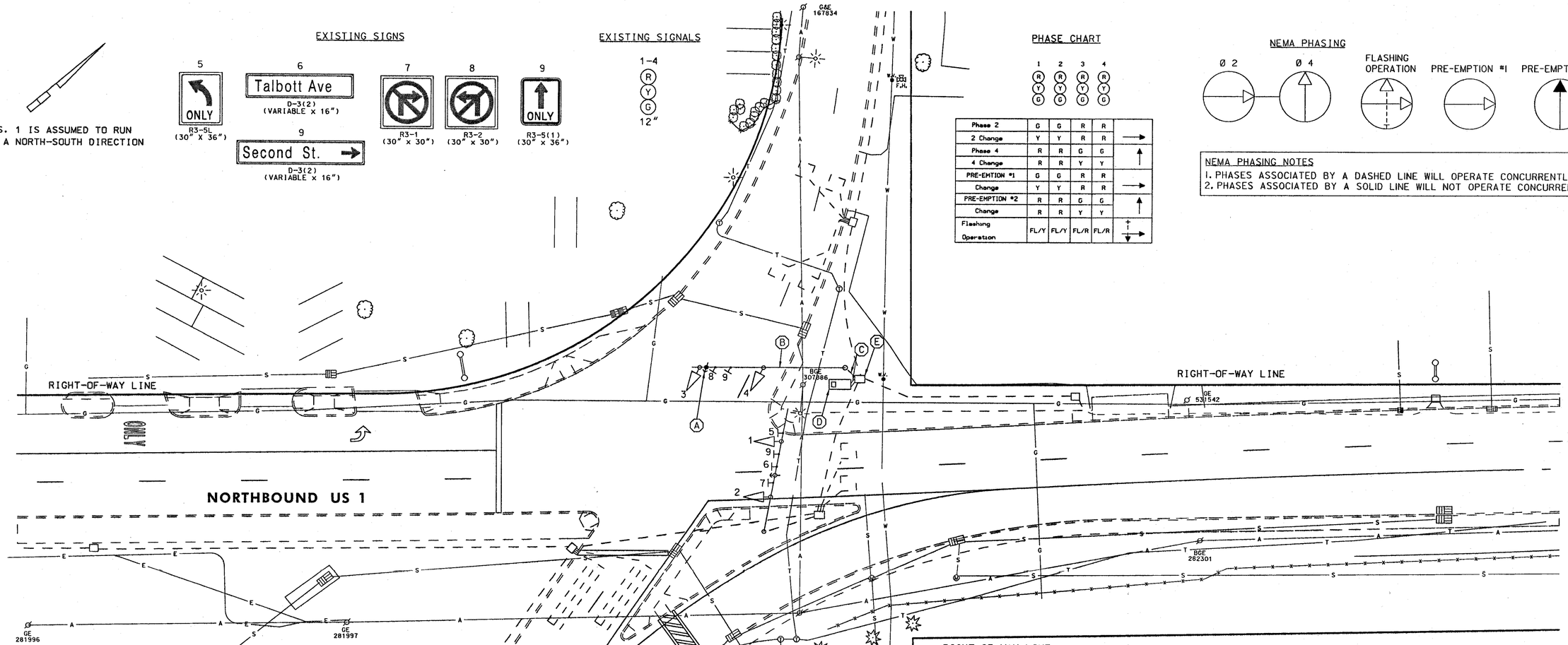
PHASE CHART

	1	2	3	4	
	R Y G	R Y G	R Y G	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-EMTION #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

Ø 2 — Ø 4 — FLASHING OPERATION — PRE-EMPTION #1 — PRE-EMPTION #2

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. INSTALL 4 CONDUCTOR OPTICOM DETECTOR CABLE
C. USE EXISTING CONDUIT - INSTALL 4 CONDUCTOR OPTICOM DETECTOR CABLE
D. USE EXISTING CABINET AND OPTICOM DISCRIMINATOR MODULE
E. USE EXISTING HANDHOLE

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	120 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

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS
D INSTALL OPTICOM PRE-EMPTION AT8045185 12/04 — MAM DJR WB BAY
C RECONST. TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS REDLINE NO. 4 P02745184 12/00 — NML
B REPLACE LOOPS AND CONDUIT DUE TO GEOMETRIC IMP. 11/99 — NML
A ADD OPTICOM DETECTOR 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

SHA#: P586501A5216058 TOD#: ATL04-14

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

DRAWN BY:	G.COOK	F.A.P. NO.		TS NO. TS-1635D	SHEET NO.
CHECKED BY:	W.GUCKERT	S.H.A. NO.	P586-501-385		
SCALE:		COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. G493	12 OF 14
DATE:	7-28-72	LOG MILE:	16000113.69		