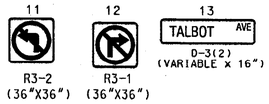
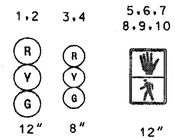
US 1 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

EXISTING SIGNS



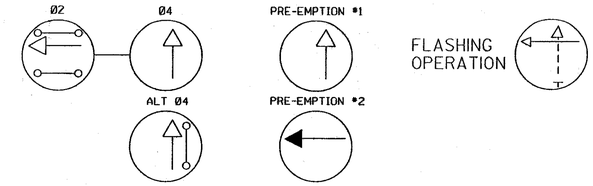
EXISTING SIGNALS



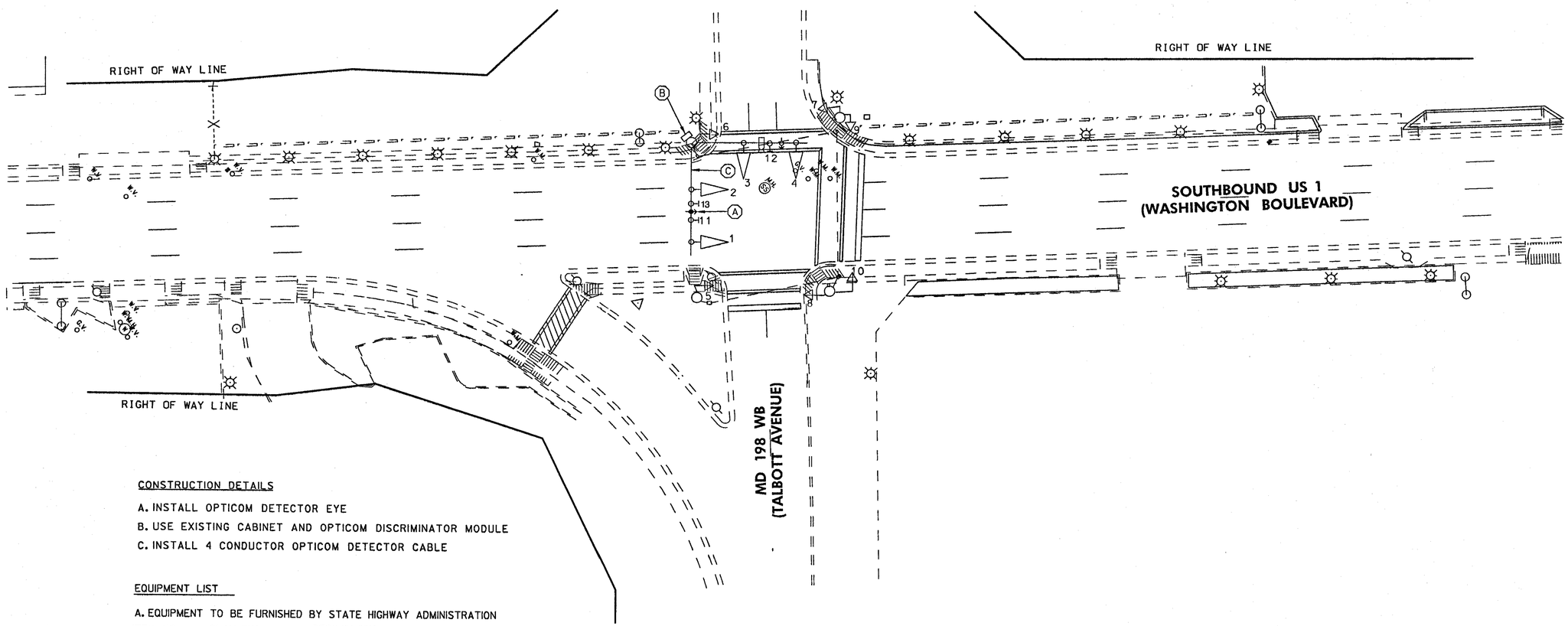
PHASE CHART

	1	2	3	4	5	6	7	8	9	10
Phase 2	G	G	R	R	WK	WK	WK	WK	DW	DW
Ped. Clear	G	G	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 Change	Y	Y	R	R	DW	DW	DW	DW	DW	DW
Phase 4	R	R	G	G	DW	DW	DW	DW	DW	DW
4 Change	R	R	Y	Y	DW	DW	DW	DW	DW	DW
4 Alt.	R	R	G	G	DW	DW	DW	DW	WK	WK
Ped. Clear	R	R	G	G	DW	DW	DW	DW	FL/DW	FL/DW
4 Alt. Change	R	R	Y	Y	DW	DW	DW	DW	DW	DW
Pre-Emption #1	G	G	R	R	DW	DW	DW	DW	DW	DW
Change	Y	Y	R	R	DW	DW	DW	DW	DW	DW
Pre-Emption #2	R	R	G	G	DW	DW	DW	DW	DW	DW
Change	R	R	Y	Y	DW	DW	DW	DW	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK	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

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	70 LF	4 CONDUCTOR OPTICOM CABLE

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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81 MOSHER STREET
BALTIMORE, MARYLAND 21217
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REVISIONS
(D) INSTALL OPTICOM PRE-EMPTION FOR SOUTBOUND TRAFFIC AT6045185 12/04
MAM DJR CWB 1/12/04 BRL
(C) PG1115283 2/02
SHA

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#: PG657A53/B53 TSD #: AT604-14

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
SOUTHBOUND US 1 (WASHINGTON BOULEVARD) AND MD 198 WB (TALBOTT AVENUE)

DRAWN BY:	TW	F.A.P. NO.		TS NO.	
CHECKED BY:	SR	S.H.A. NO.	PG1115284	1636D	SHEET NO.
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	
DATE:	SEPTEMBER, 2002	LOG MILE:	160001013.58	G493	4 OF 14