MD 197 IS ASSUMED TO RUN IN NORTH-SOUTH DIRECTION.
NOTE:

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
Phase 1 & 6	R	R	G G	G G	G	R	R	R	DW	DW	DW	DW
1 & 6 Change	R	R	Y Y	Y Y	Y	R	R	R	DW	DW	DW	DW
Phase 2 & 6	G	G	R	G	G	R	R	R	WK	WK	DW	DW
Ped. Clear	G	G	R	G	G	R	R	R	FL/DW	FL/DW	DW	DW
2 & 6 Change	Y	Y	R	Y	Y	R	R	R	DW	DW	DW	DW
Phase 4	R	R	R	R	R	G	G	G	DW	DW	DW	DW
4 Change	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
4 Alt.	R	R	R	R	R	G	G	G	DW	DW	WK	WK
Ped. Clear	R	R	R	R	R	G	G	G	DW	DW	FL/DW	FL/DW
4 Alt. Change	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
Pre-Emption #1	G	G	G	G	G	R	R	R	DW	DW	DW	DW
Change	Y	Y	Y	Y	Y	R	R	R	DW	DW	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

EXISTING SIGNALS

6: R Y G — 8"
1,2,5,7,8: R Y G — 12"
3: R 8" Y 8" G 8" — 12"/8"
4: R Y G — 12"
9,10,11,12 — 12"

NEMA PHASING

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

EXISTING SIGNS

ALL SIGNS ARE EXISTING

13: LEFT TURN YIELD ON GREEN — 36"X42" R10-12

17: M3-3 24"X12" — M1-5 30"X24" — M6-1 21"X15"

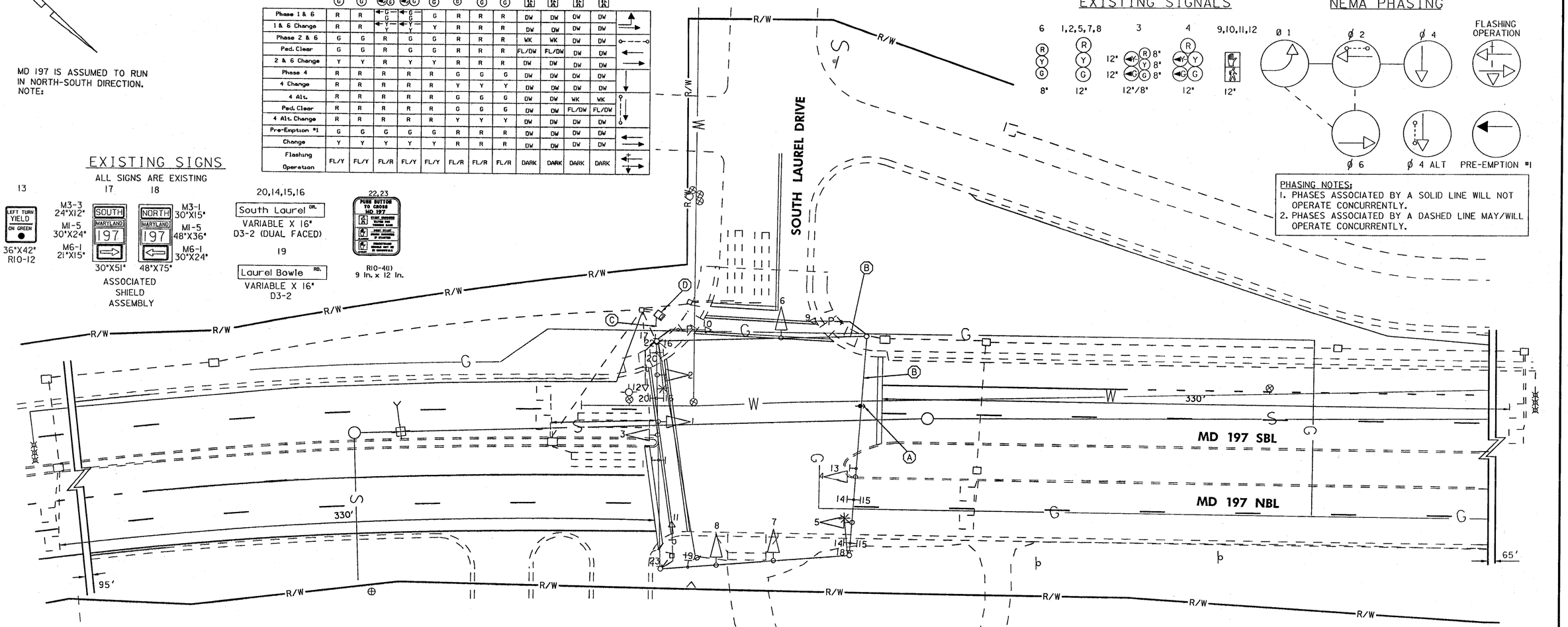
18: SOUTH MARYLAND 197 — 30"X51" — NORTH MARYLAND 197 — 48"X75" — M3-1 30"X15" — M1-5 48"X36" — M6-1 30"X24"

ASSOCIATED SHIELD ASSEMBLY

20,14,15,16: South Laurel DR. — VARIABLE X 16" D3-2 (DUAL FACED)

19: Laurel Bowie RD. — VARIABLE X 16" D3-2

22,23: PUSH BUTTON TO CROSS MD 197 — R10-4(I) 9 in. x 12 in.



CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTOR EYE
B. INSTALL 4 CONDUCTOR OPTICOM DETECTOR CABLE
C. USE EXISTING CONDUIT
D. USE EXISTING CABINET - INSTALL OPTICOM #764 DISCRIMINATOR MODULE

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 DISRIMINATOR MODULE
8061	1 EA	OPTICOM #721 DETECTOR EYE
8079	175 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.

SHA#: PG&STA 68/P63 TOD#: AT104-14

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REVISIONS
© INSTALL OPTICOM AT6045185 11/04
EBY DOR DWD
Ⓑ Reconstruct Due To New Geometrics. February, 1999 SHA No: N/A

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
MD 197 AT SOUTH LAUREL DRIVE

DRAWN BY:	SMH	F.A.P. NO.	-	TS NO. 1728C	SHEET NO.
CHECKED BY:	BJH	S.H.A. NO.	-		
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. G493	11 OF 14
DATE:	FEBRUARY, 1999	LOG MILE:	160197 11.61		