EXISTING SIGNALS & SIGNS

1,4,7,10 — 12" 8" 12" 8" 12" 8" (R, Y, G)

2,5,8,11 — 12" (R, Y, G)

3,6,9,12 — 12" (R, Y, G)

13-20 — 12"

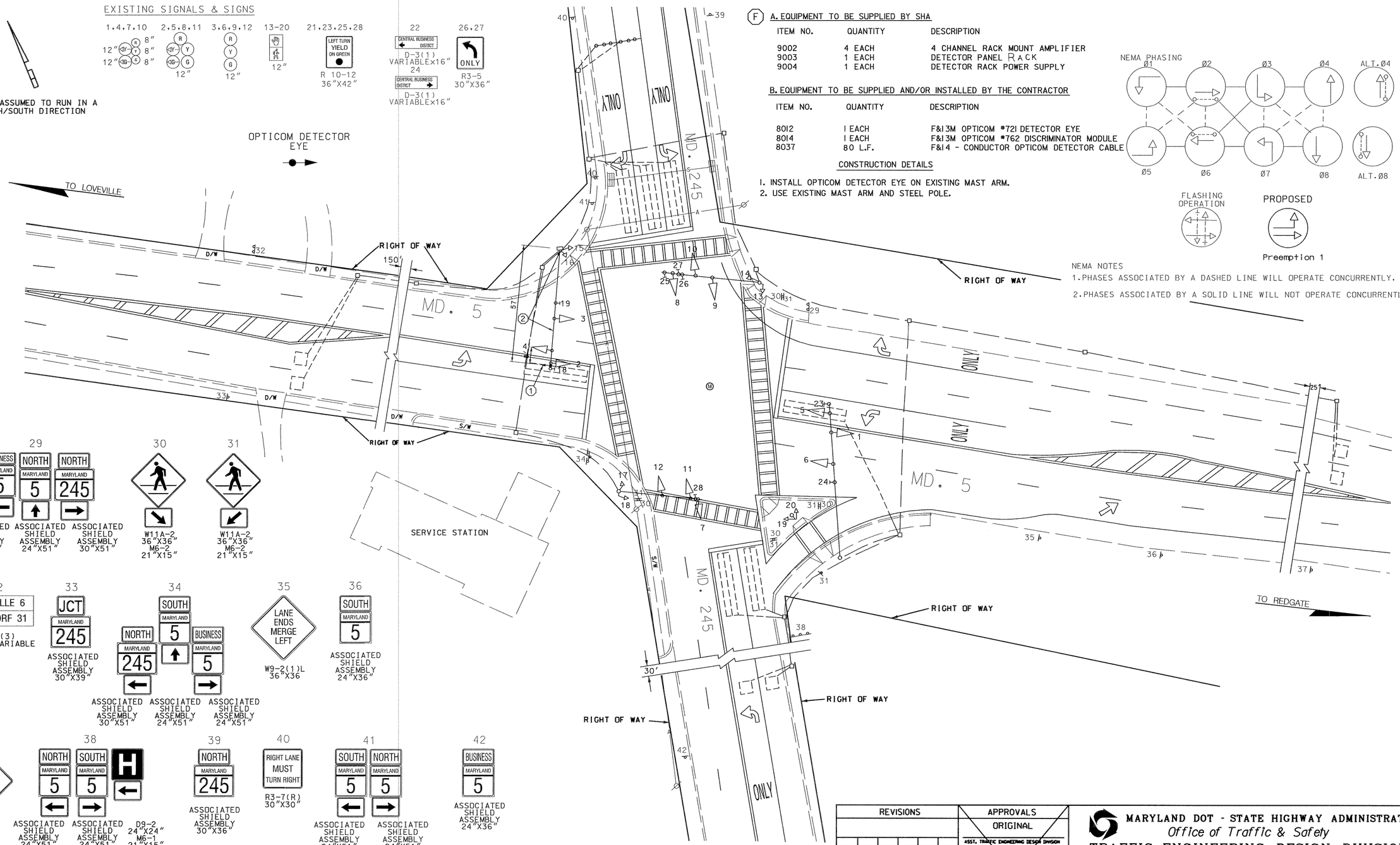
21,23,25,28 — LEFT TURN YIELD ON GREEN; R 10-12, 36"X42"

22 — CENTRAL BUSINESS DISTRICT ←; D-3(1) VARIABLEx16" 24; CENTRAL BUSINESS DISTRICT →; D-3(1) VARIABLEx16"

26,27 — ONLY; R3-5, 30"X36"

MD 5 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

OPTICOM DETECTOR EYE



(F) A. EQUIPMENT TO BE SUPPLIED BY SHA

ITEM NO.	QUANTITY	DESCRIPTION
9002	4 EACH	4 CHANNEL RACK MOUNT AMPLIFIER
9003	1 EACH	DETECTOR PANEL RACK
9004	1 EACH	DETECTOR RACK POWER SUPPLY

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

ITEM NO.	QUANTITY	DESCRIPTION
8012	1 EACH	F&I 3M OPTICOM #721 DETECTOR EYE
8014	1 EACH	F&I 3M OPTICOM #762 DISCRIMINATOR MODULE
8037	80 L.F.	F&I 4 - CONDUCTOR OPTICOM DETECTOR CABLE

CONSTRUCTION DETAILS

1. INSTALL OPTICOM DETECTOR EYE ON EXISTING MAST ARM.
2. USE EXISTING MAST ARM AND STEEL POLE.

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 ALT.Ø4

Ø5 Ø6 Ø7 Ø8 ALT.Ø8

FLASHING OPERATION

PROPOSED

Preemption 1

NEMA NOTES

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

29 — BUSINESS MARYLAND 5 ←; NORTH MARYLAND 5 ↑; NORTH MARYLAND 245 →
ASSOCIATED SHIELD ASSEMBLY 24"X51" / ASSOCIATED SHIELD ASSEMBLY 24"X51" / ASSOCIATED SHIELD ASSEMBLY 30"X51"

30 — W11A-2 36"X36" M6-2 21"X15"

31 — W11A-2 36"X36" M6-2 21"X15"

32 — LOVEVILLE 6 / WALDORF 31; D-3(3) 32" X VARIABLE

33 — JCT MARYLAND 245; ASSOCIATED SHIELD ASSEMBLY 30"X39"

34 — NORTH MARYLAND 245 ←; SOUTH MARYLAND 5 ↑; BUSINESS MARYLAND 5 →
ASSOCIATED SHIELD ASSEMBLY 30"X51" / ASSOCIATED SHIELD ASSEMBLY 24"X51" / ASSOCIATED SHIELD ASSEMBLY 24"X51"

35 — LANE ENDS MERGE LEFT; W9-2(1)L 36"X36"

36 — SOUTH MARYLAND 5; ASSOCIATED SHIELD ASSEMBLY 24"X36"

37 — W4-2(L) 36"X36"

38 — NORTH MARYLAND 5 ←; SOUTH MARYLAND 5 →; H ←
ASSOCIATED SHIELD ASSEMBLY 24"X51" / ASSOCIATED SHIELD ASSEMBLY 24"X51" / D9-2 24"X24" M6-1 21"X15"

39 — NORTH MARYLAND 245; ASSOCIATED SHIELD ASSEMBLY 30"X36"

40 — RIGHT LANE MUST TURN RIGHT; R3-7(R) 30"X30"

41 — SOUTH MARYLAND 5 ←; NORTH MARYLAND 5 →
ASSOCIATED SHIELD ASSEMBLY 24"X51" / ASSOCIATED SHIELD ASSEMBLY 24"X51"

42 — BUSINESS MARYLAND 5; ASSOCIATED SHIELD ASSEMBLY 24"X36"

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

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS	
G	INSTALL OPTICOM DETECTOR EYE SB MD 5 3/00
CEI	

APPROVALS
ORIGINAL
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ON
ASST. DISTRICT ENGINEER, TRAFFIC
FILE
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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

MD 5 AT MD 245

RE-DRAWN BY: SPP	F.A.P. NO. AC-STPG-000S(683)E	TS NO. 80 G	SHEET NO. 2 OF 6
CHECKED BY: TMH	S.H.A. NO. 3M1799165460854		
SCALE: 1"= 20'	COUNTY: ST. MARYS	T.I.M.S. NO. 0690	
DATE: 3/10/00	LOG MILE: 18005028.92		

c:\ttr\ardesign\7006\33\ed330a02.dgn
12 APR 2000