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

OPTICOM DETECTOR EYE

EXISTING SIGNALS & SIGNS

1.4 — R 8", Y 8", G 8"; 12", 12"

2.5 — R, Y, G

3.6.9.10.13.14 — R, Y, G

7.8.11.12 — R, Y, G

15.17 — LEFT TURN YIELD ON GREEN
R 10-12
36"X42"

23.30

31.32 — YIELD
R1-2
36"X36"X36"

19.21 — ONLY
R3-5(L)
30"X36"

20.22 — ONLY
R3-5(R)
30"X36"

35.37
R4-7
24"X30"

34 — TO NORTH 1
ASSOCIATED SHIELD ASSEMBLY
24"X63"

36 — TO SOUTH 1
ASSOCIATED SHIELD ASSEMBLY
24"X63"

33 — EAST MARYLAND 410; WEST MARYLAND 410
ASSOCIATED SHIELD ASSEMBLY
30"X51"

38 — WEST MARYLAND 410 SNOW EMERGENCY ROUTE
ASSOCIATED SHIELD ASSEMBLY
30"X36"
R95-3
24"X24"

16.18 — EAST WEST HIGHWAY
D-3(1)
VARIABLEX16"

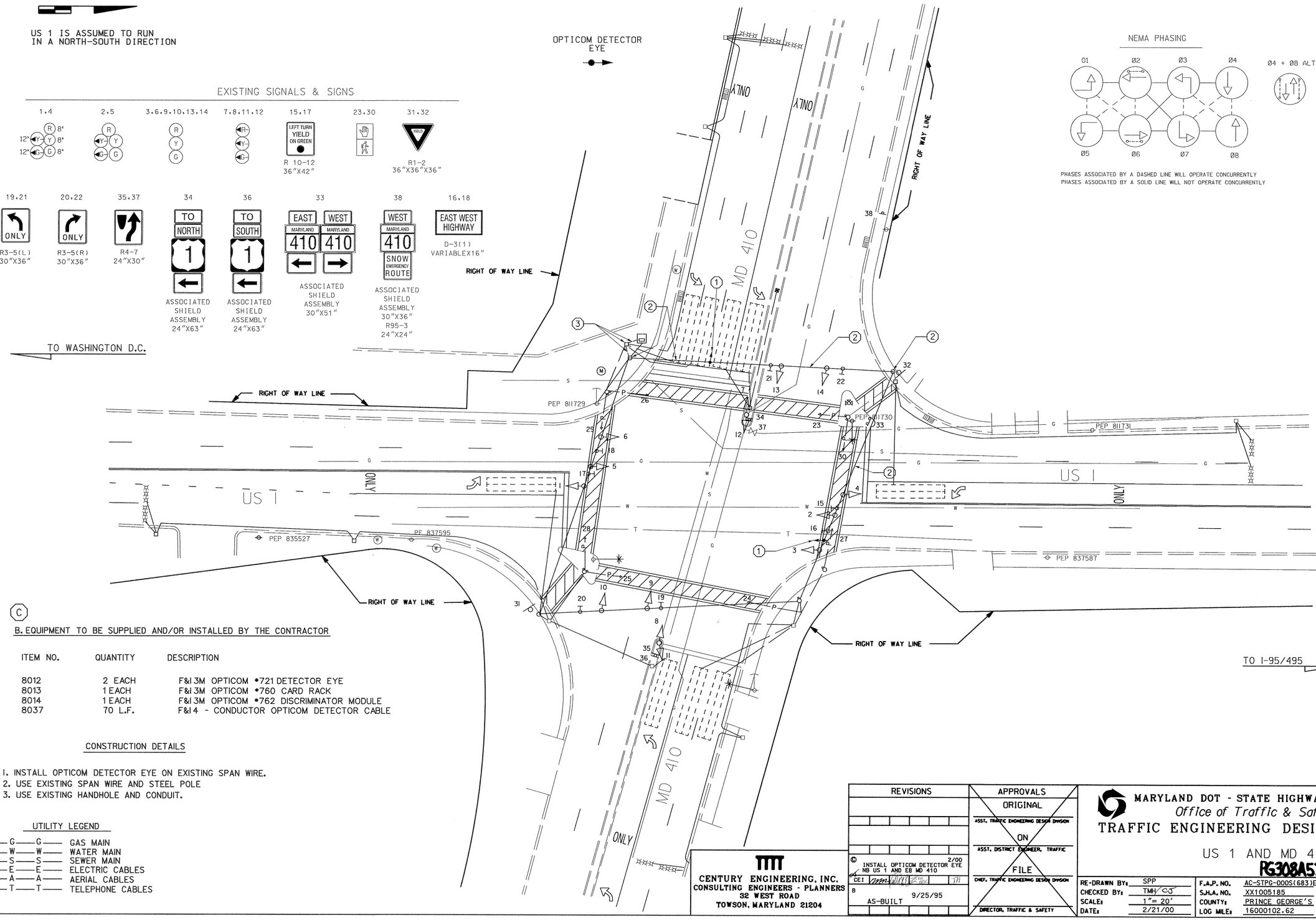
NEMA PHASING

01 02 03 04 — 05 06 07 08

Ø4 + Ø8 ALT

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROPOSED
PREEMPTION 1
PREEMPTION 2



(C)

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

ITEM NO.	QUANTITY	DESCRIPTION
8012	2 EACH	F&I 3M OPTICOM •721 DETECTOR EYE
8013	1 EACH	F&I 3M OPTICOM •760 CARD RACK
8014	1 EACH	F&I 3M OPTICOM •762 DISCRIMINATOR MODULE
8037	70 L.F.	F&I 4 - CONDUCTOR OPTICOM DETECTOR CABLE

CONSTRUCTION DETAILS

1. INSTALL OPTICOM DETECTOR EYE ON EXISTING SPAN WIRE.
2. USE EXISTING SPAN WIRE AND STEEL POLE
3. USE EXISTING HANDHOLE AND CONDUIT.

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	
(C)	INSTALL OPTICOM DETECTOR EYE NB US 1 AND EB MD 410 — 2/00
CEI	TM
B	AS-BUILT — 9/25/95

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

US 1 AND MD 410

PG308A57/B57

RE-DRAWN BY:	SPP	F.A.P. NO.	AC-STPG-000S(683)E	TS NO. 299 (C)	SHEET NO.
CHECKED BY:	TMH	S.H.A. NO.	XX1005185		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. D565	6 OF 24
DATE:	2/21/00	LOG MILE:	16000102.62		

c:\pw\projects\700\431\us1 @ md 410.dgn
23 MAR 2000