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

EXISTING SIGNS

13,17 — LEFT TURN YIELD ON GREEN — R10-12 36" x 42"

20 — ONLY — R3-5L 30" x 36"

21 — ONLY — R3-6L 30" x 36"

22 — ONLY — R3-5R 30" x 36"

14a,18a — Freestate Dr — D 3-2 16" x Var.

11,15 — Freestate Dr NEXT SIGNAL — D3-2 VAR. x 32"

23,25 — Balt-Wash Blvd — D 3-2 16" x Var.

14b,18b — Freestate Dr — D 3-2 16" x Var.

PROPOSED SIGNS

28 — NORTH 1 — M3-1 30 x 15" M1-4 36 x 36" M6-1 30 x 24"

26 — SOUTH 1 — M3-3 24 x 12" M1-4 24 x 24" M6-1 21 x 15"

27 — SOUTH 1 — M3-3 30 x 15" M1-4 36 x 36" M6-1 30 x 24"

29 — NORTH 1 — M3-1 24 x 12" M1-4 24 x 24" M6-1 21 x 15"

EXISTING SIGNALS

1,4 — R Y G — 8"/12"

2,5 — R Y G — 12"

3,6,8,10 — R Y G — 12"

7,9 — R Y G — 12"

NEMA PHASING

Ø 1 Ø 2 Ø 3 Ø 4

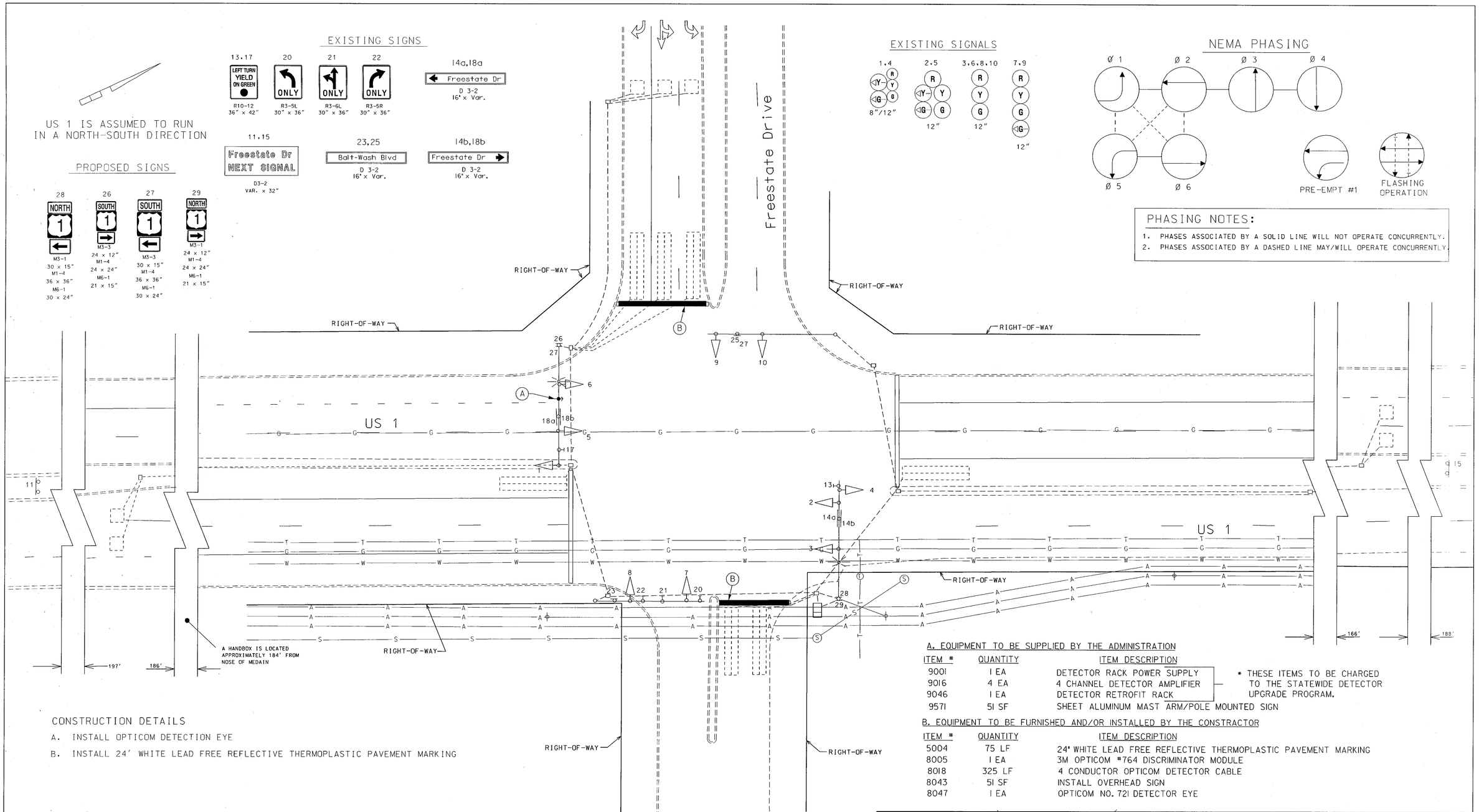
Ø 5 Ø 6

PRE-EMPT #1

FLASHING OPERATION

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTION EYE

B. INSTALL 24' WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING

North Laurel
Commercial Center Entrance

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9001	1 EA	DETECTOR RACK POWER SUPPLY
9016	4 EA	4 CHANNEL DETECTOR AMPLIFIER
9046	1 EA	DETECTOR RETROFIT RACK
9571	51 SF	SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN

* THESE ITEMS TO BE CHARGED TO THE STATEWIDE DETECTOR UPGRADE PROGRAM.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONSTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
5004	75 LF	24" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING
8005	1 EA	3M OPTICOM #764 DISCRIMINATOR MODULE
8018	325 LF	4 CONDUCTOR OPTICOM DETECTOR CABLE
8043	51 SF	INSTALL OVERHEAD SIGN
8047	1 EA	OPTICOM NO. 721 DETECTOR EYE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

REVISIONS

A JUNE, 2003 ADDITION OF OPTICOM SHA NO. AT2885185 (F522)

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION
US 1 AND FREESTATE DRIVE

DRAWN BY:	M. MEARS	F.A.P. NO.	NONE	TS NO. 3246 A	SHEET NO. OF
CHECKED BY:	J. DIRNDORFER	S.H.A. NO.	BW-514-802-712		
SCALE:	1" - 20'	COUNTY:	HOWARD	T.I.M.S. NO.	
DATE:	6/92	LOG MILE:	13000101.75		