F. H. WA. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.		4	10

EXISTING SIGNS

17,19
Balto. Annap. Blvd.
D3-2
16" x VARIABLE

21,23
Crain Hwy.
D3-2
16" x VARIABLE

18,20
LEFT TURN YIELD ON GREEN
R10-12
36" x 42"

PROPOSED SIGNS

22,24
LEFT TURN YIELD ON GREEN
R10-12
36" x 42"

PROPOSED 12" SIGNALS

5,7

25-28

EXISTING 12" SIGNALS

1,3

2,4,6,8

9-16

NEMA PHASING

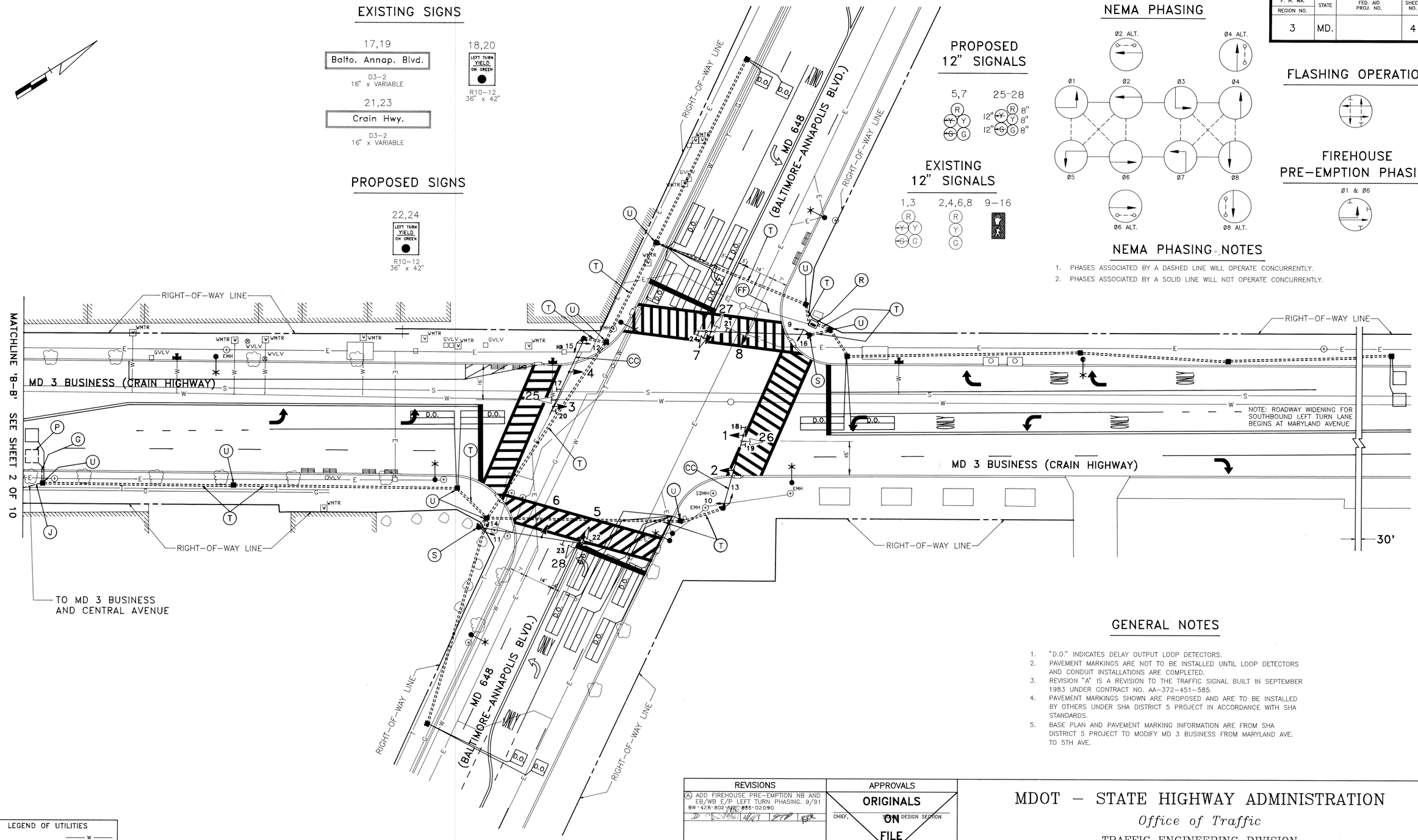
FLASHING OPERATION

FIREHOUSE PRE-EMPTION PHASING

Ø1 & Ø6

NEMA PHASING NOTES

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



GENERAL NOTES

1. "D.O." INDICATES DELAY OUTPUT LOOP DETECTORS.
2. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETED.
3. REVISION "A" IS A REVISION TO THE TRAFFIC SIGNAL BUILT IN SEPTEMBER 1983 UNDER CONTRACT NO. AA-372-451-585.
4. PAVEMENT MARKINGS SHOWN ARE PROPOSED AND ARE TO BE INSTALLED BY OTHERS UNDER SHA DISTRICT 5 PROJECT IN ACCORDANCE WITH SHA STANDARDS.
5. BASE PLAN AND PAVEMENT MARKING INFORMATION ARE FROM SHA DISTRICT 5 PROJECT TO MODIFY MD 3 BUSINESS FROM MARYLAND AVE. TO 5TH AVE.

LEGEND OF UTILITIES

WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

REVISIONS	APPROVALS
(A) ADD FIREHOUSE PRE-EMPTION NB AND EB/WB E/P LEFT TURN PHASING. 9/91 BW-428-802/820-855-02090	ORIGINALS ON FILE
	CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DIVISION
	DEPUTY CHIEF ENGINEER, TRAFFIC

Erdman and Associates, Inc.
Consulting Engineers

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic

TRAFFIC ENGINEERING DIVISION

DRAWN BY: V.Y. (FOR KCI)
DES. BY: T.A.R. (FOR KCI)
CHK. BY: D.J.D., JR. 6/14/83

MD 3 BUSINESS (CRAIN HIGHWAY) AND MD 648 (BALTO.-ANNAP. BLVD.)

COUNTY: ANNE ARUNDEL

DATE: APRIL, 1983
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. AA-372-451-585

TS/STD. NO. TS-1508 A

SHEET NO. 4 OF 10

02B00302.89