MD 2 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

31 — ONLY — R3-5L 30" x 36"

32 — R3-6R 30" x 36"

18.23 — LEFT TURN YIELD ON GREEN — R10-12 36"x 42"

26 — NO TURN ON RED — R10-11b 24" x 24"

22.29 — CROSS ONLY AT CROSS WALKS

25 — NO PARKING ANY TIME — R7-1 12" x 18"

30 — USE CROSSWALK

21 — USE CROSSWALK

24a — W 11TH Ave

24b — W 11TH Ave

D3-2 (DUAL-FACED) VARIABLE X 16"

19a — E 11TH Ave

19b — E 11TH Ave

D3-2 (DUAL-FACED) VARIABLE X 16"

27 — S2-1 36" x 36" — M6-2 21" x 15"

20.28 — S2-1 36" x 36" — M6-2 21" x 15"

BEGIN TO CROSS ONLY ON WHEN STARTS TO FLASH YOU HAVE TIME TO FINISH CROSSING DO NOT BEGIN ON FLASHING OR STEADY

R10-4C(MOD) 9" x 12" (LOCATED ON EACH STRAIN POLE)

EXISTING SIGNALS

1.3 — 12"

2.4.5. 6.10.11 — 12"

9 — 8"

7.8 — 12" 8" 8"

12.17 — 12"

NOTE: SIGNALS NUMBER 7.8.10 & 11 ARE BLACK-FACED

-O- - OPTICOM DETECTOR

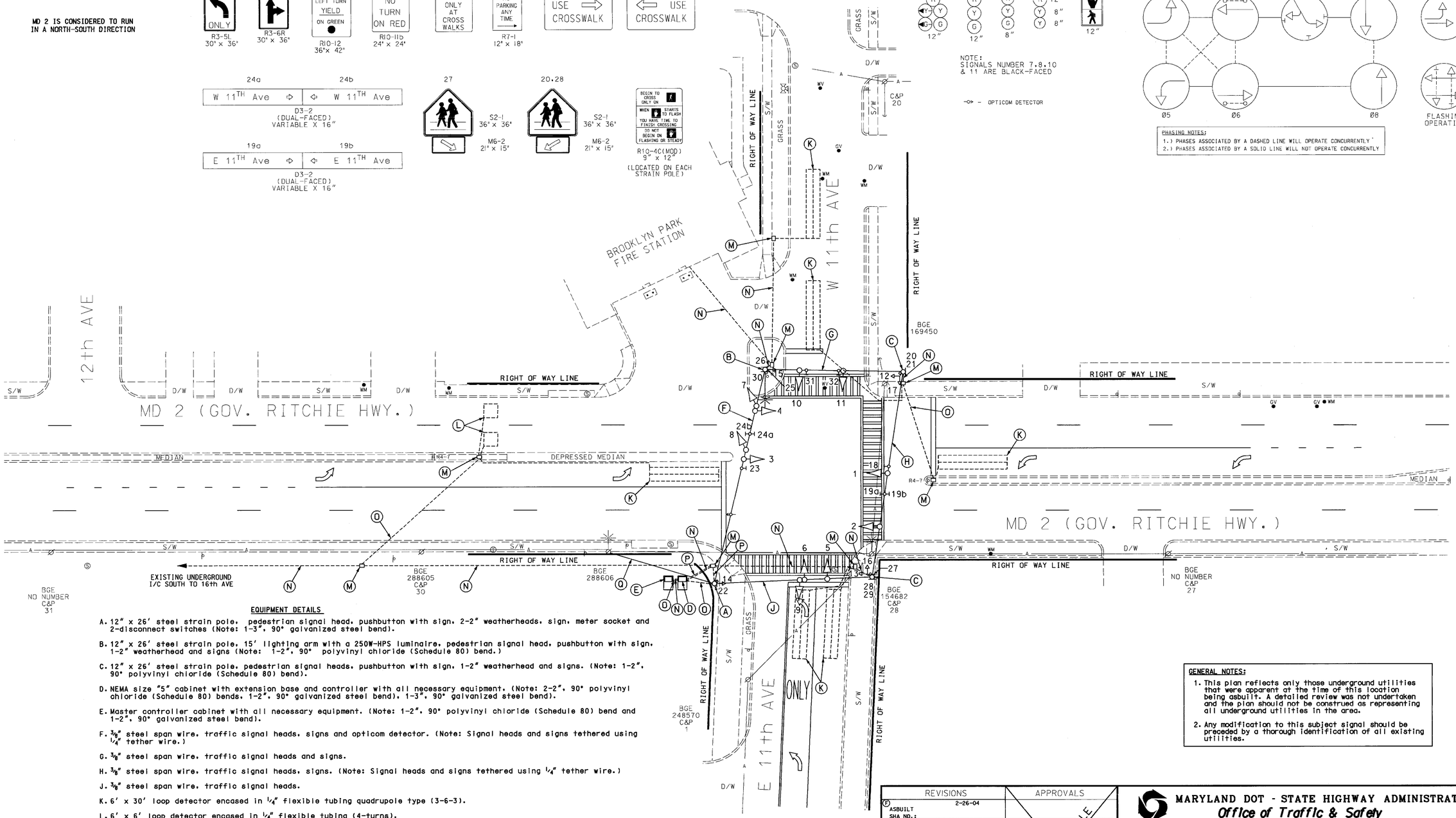
NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø8

OPTICOM PRE-EMPTION

FLASHING OPERATION

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



EQUIPMENT DETAILS

A. 12" x 26' steel strain pole, pedestrian signal head, pushbutton with sign, 2-2" weatherheads, sign, meter socket and 2-disconnect switches (Note: 1-3", 90° galvanized steel bend).

B. 12" x 26' steel strain pole, 15' lighting arm with a 250W-HPS luminaire, pedestrian signal head, pushbutton with sign, 1-2" weatherhead and signs (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

C. 12" x 26' steel strain pole, pedestrian signal heads, pushbutton with sign, 1-2" weatherhead and signs. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend).

D. NEMA size "5" cabinet with extension base and controller with all necessary equipment. (Note: 2-2", 90° polyvinyl chloride (Schedule 80) bends, 1-2", 90° galvanized steel bend), 1-3", 90° galvanized steel bend).

E. Master controller cabinet with all necessary equipment. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend and 1-2", 90° galvanized steel bend).

F. 3/8" steel span wire, traffic signal heads, signs and opticom detector. (Note: Signal heads and signs tethered using 1/4" tether wire.)

G. 3/8" steel span wire, traffic signal heads and signs.

H. 3/8" steel span wire, traffic signal heads, signs. (Note: Signal heads and signs tethered using 1/4" tether wire.)

J. 3/8" steel span wire, traffic signal heads.

K. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

L. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

M. Handhole.

N. 2" polyvinyl chloride electrical conduit (Schedule 80).

O. 2" galvanized steel electrical conduit.

P. 3" galvanized steel electrical conduit.

Q. Existing overhead electrical service maintained by BGE.

GENERAL NOTES:
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "F" ASBUILT

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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REVISIONS					
F	2-26-04				
ASBUILT SHA NO.:					
RRZ					
E	7-18-03				
MODIFICATIONS DUE TO REVISED FIRE STATION DRIVEWAY SHA NO.:					
JAH	MAR	DAZ	BRK		
D					
INSTALL OPTICOM DETECTOR EYE FOR RELOCATED FIREHOUSE TIMS NO.: F 591					
JAH	MAR	DAZ	BRK		
C					
INSTALL OPTICOM DETECTOR FOR W/B 11th AVE TEMP FIREHOUSE TIMS NO.: F 414					
JAH	MAR	DAZ	BRK	TH	

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

MD 2 (GOV. RITCHIE HWY) AND 11th AVE

DRAWN BY:	TT LANE (CEI)	F.A.P. NO.		TS NO. 794 F	SHEET NO.
CHECKED BY:		S.H.A. NO.	BW486MB3		
SCALE:	1"= 20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. F 309	1 OF 1
DATE:	11-13-72	LOG MILE:	02000240.68		

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