NOTE:
MD 32 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION.

SIGNS

12.14 — Frederick Road — D3-2 (VARIABLE x 16")

15 — ONLY — R 3-5(R) 30"X 36"

11.13 — PROCEED ON FLASHING RED AFTER STOP

SIGNALS

1,4 — 12"
2,3,5, 6,8-10 — 12"
7 — 12"

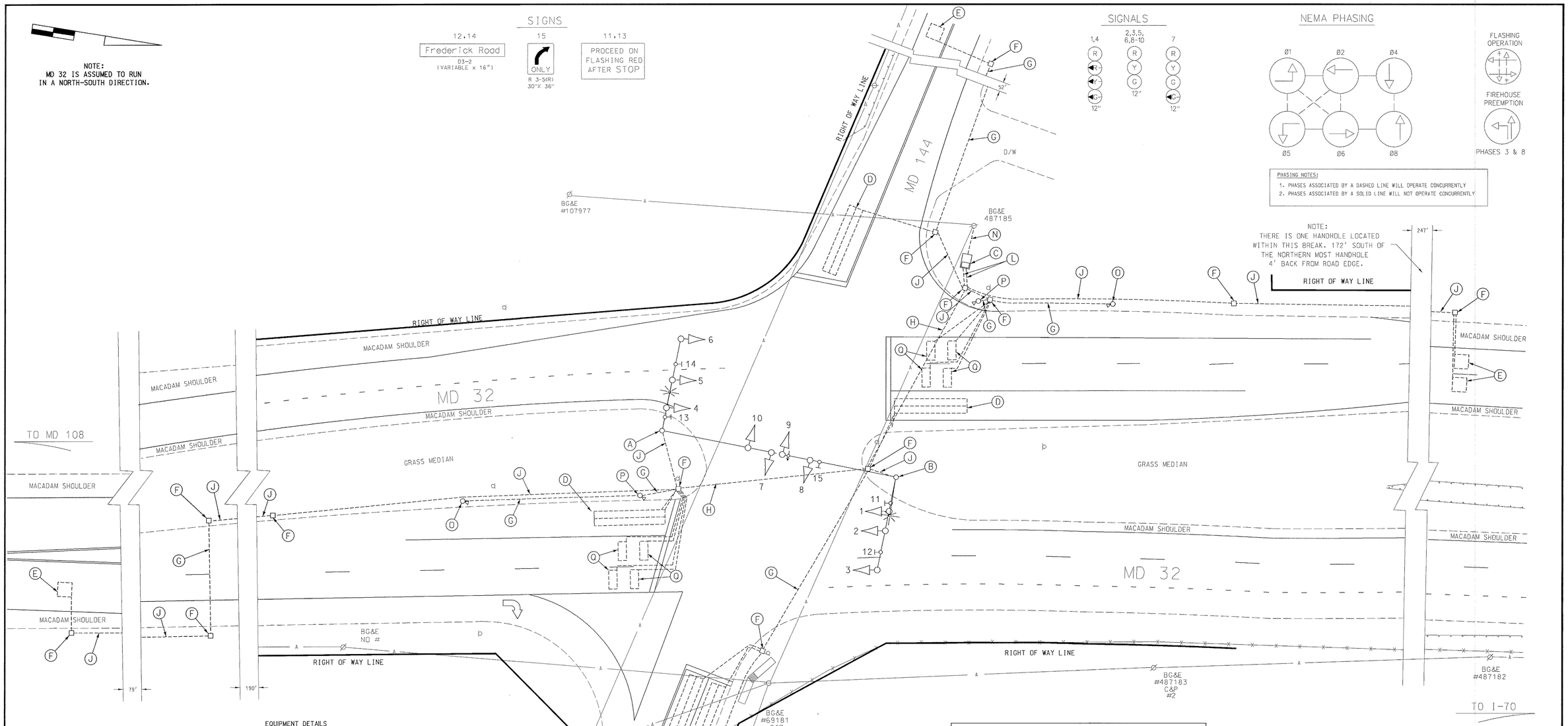
NEMA PHASING

Ø1 Ø2 Ø4
Ø5 Ø6 Ø8

FLASHING OPERATION

FIREHOUSE PREEMPTION
PHASES 3 & 8

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. 27' steel pole with twin 40'-48' mast arms, traffic signal heads, signs, and a 15' lighting arm with a 250W-HPS luminaire. (Note: 1-2" PVC (Sch. 40) bend.)

B. 27' steel pole with twin 40'-50' mast arms, traffic signal heads, signs, opticom detector and a 15' lighting arm with a 50W-HPS luminaire. (Note: 1-2" PVC (Sch. 40) bend.

C. NEMA size "6" base-mounted cabinet and controller with all necessary equipment, meter socket and 2-disconnect switches. (Note: 2-2" PVC (Sch. 80) bend, and 2-4" PVC (Sch. 40) bends.)

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

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

F. Handhole.

G. 2" polyvinyl chloride electrical conduit (Sch. 80).

H. 3" polyvinyl chloride electrical conduit (Sch. 80).

J. 2" polyvinyl chloride electrical conduit (Sch. 40).

K. 3" polyvinyl chloride electrical conduit (Sch. 40).

L. 4" polyvinyl chloride electrical conduit (Sch. 40).

M. 3" galvanized steel electrical conduit.

N. Existing underground electrical service by BG&E.

O. 10' breakaway pedestal pole with red light camera. (Note: 1-2" PVC (Sch. 80) bend).

P. 10' breakaway pedestal pole with remote flash. (Note: 1-2" PVC (Sch. 80) bend).

Q. 3.5' x 8' loop detector encased in 1/4" flexible tubing (4-turns).

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 this plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISION "H" ASBUILT

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

TASK4.DGN

REVISIONS

(H) 10-23-00
ASBUILT DUE TO RED LIGHT CAMERA INSTALLATION
SHA #
RRZ

G. 11-3-97
ASBUILT
SHA #
RRZ

F. 04/91
ADD FIRE PRE-EMPTION WB MD 144
SHA #
WM | SR | DAZ | TH

E. 02/91
ASBUILT
SHA #
WM

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 32 AND MD 144

DRAWN BY:	B. PASQUA	F.A.P. NO.		TS NO. 745H	SHEET NO. 1 OF 1
CHECKED BY:	W.F. FITCH	S.H.A. NO.	HO-443X-775		
SCALE:	1"= 20'	COUNTY:	HOWARD	T.I.M.S. NO.	
DATE:	10-12-72	LOG MILE:	13003219.71		

C:\win32app\ustation\task4.dgn Nov. 03, 2000 13:32:11