NOTE: MD 150 IS ASSUMED TO TRAVEL IN AN EAST-WEST DIRECTION.

## PROPOSED SIGNS

18 — EAST MARYLAND 150 — M3-2 24"x 12" — M1-4 30"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

21 — WEST MARYLAND 150 — M3-4 24"x 12" — M1-4 30"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

22 — EAST MARYLAND 150 — M3-4 30"x 15" — M1-6 48"x 36" — M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48"x 75"

19 — WEST MARYLAND 150 — M3-2 30"x 15" — M1-6 48"x 36" — M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48"x 75"

14,16 — LEFT TURN YIELD ON GREEN — R 10-12 36"X42"

15a — Kingston RD → | 15b — ← Kingston RD
D3-2 Variable x 16" (DUAL FACED)

17a — ← Old Eastern AVE | 17b — Old Eastern AVE →
D3-2 Variable x 16" (DUAL FACED)

20a,20b,23a,23b — Eastern BLVD
D3-2 Variable x 16" (DUAL FACED)

## PROPOSED SIGNALS

1,4 — 12" — 12" — 12"

2,5 — 12"

3,6-11 — 12"

12,13 — 12"

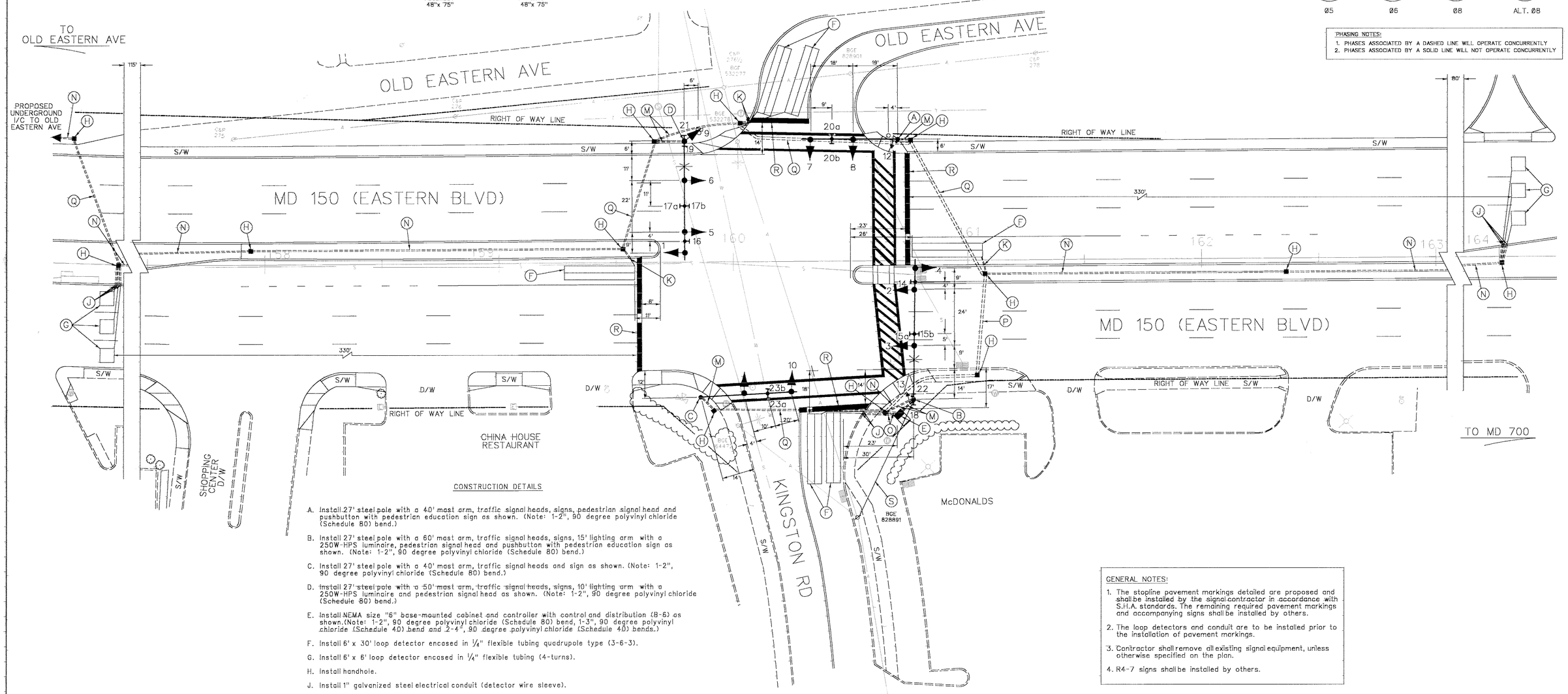
## NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

ALT. Ø8

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




## CONSTRUCTION DETAILS

A. Install 27' steel pole with a 40' mast arm, traffic signal heads, signs, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with a 60' mast arm, traffic signal heads, signs, 15' lighting arm with a 250W-HPS luminaire, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend.)

C. Install 27' steel pole with a 40' mast arm, traffic signal heads and sign as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend.)

D. Install 27' steel pole with a 50' mast arm, traffic signal heads, signs, 10' lighting arm with a 250W-HPS luminaire and pedestrian signal head as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend.)

E. Install NEMA size "6" base-mounted cabinet and controller with control and distribution (B-6) as shown.(Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend, 1-3", 90 degree polyvinyl chloride (Schedule 40) bend and 2-4", 90 degree polyvinyl chloride (Schedule 40) bends.)

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

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

H. Install handhole.

J. Install 1" galvanized steel electrical conduit (detector wire sleeve).

K. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

L. Deleted

M. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

N. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

O. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

P. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

Q. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

R. Install proposed pavement markings as shown.

S. Proposed overhead electrical service to be installed by BGE.

GENERAL NOTES:

1. The stopline pavement markings detailed are proposed and shall be installed by the signal contractor in accordance with S.H.A. standards. The remaining required pavement markings and accompanying signs shall be installed by others.
2. The loop detectors and conduit are to be installed prior to the installation of pavement markings.
3. Contractor shall remove all existing signal equipment, unless otherwise specified on the plan.
4. R4-7 signs shall be installed by others.

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 "B"

STREET TRAFFIC STUDIES, LTD.
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TASK21D.DGN

| REVISIONS | |
|---|---|
| B | 2-5-99 RECONSTRUCTION DUE TO NEW GEOMETRICS SHA NO.: BA240A21 |
| A | 6-3-83 REVISED LOCATION OF MAST ARM AND HANDHOLE IN SE QUADRANT. SHA NO.: |

FMM — J.G.

APPROVALS
ASST. CHIEF TEDD SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 150(EASTERN BLVD.) AND KINGSTON ROAD

DRAWN BY: J.GORDON
CHECK BY: J.GORDON
DATE: 10-15-82
SCALE: 1" = 20'

COUNTY: BALTIMORE
LOG MILE: 03015005.65
F.A.P. NO.
S.H.A. NO. B-660-501-485

TS NO. 1880B
T.I.M.S. NO.

SHEET NO. ___ OF ___