DRILL HOLES

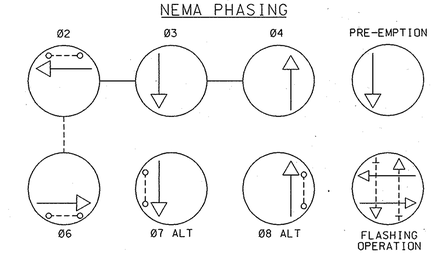
BORDER REV: DATE: June 1, 2004

MD 27 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

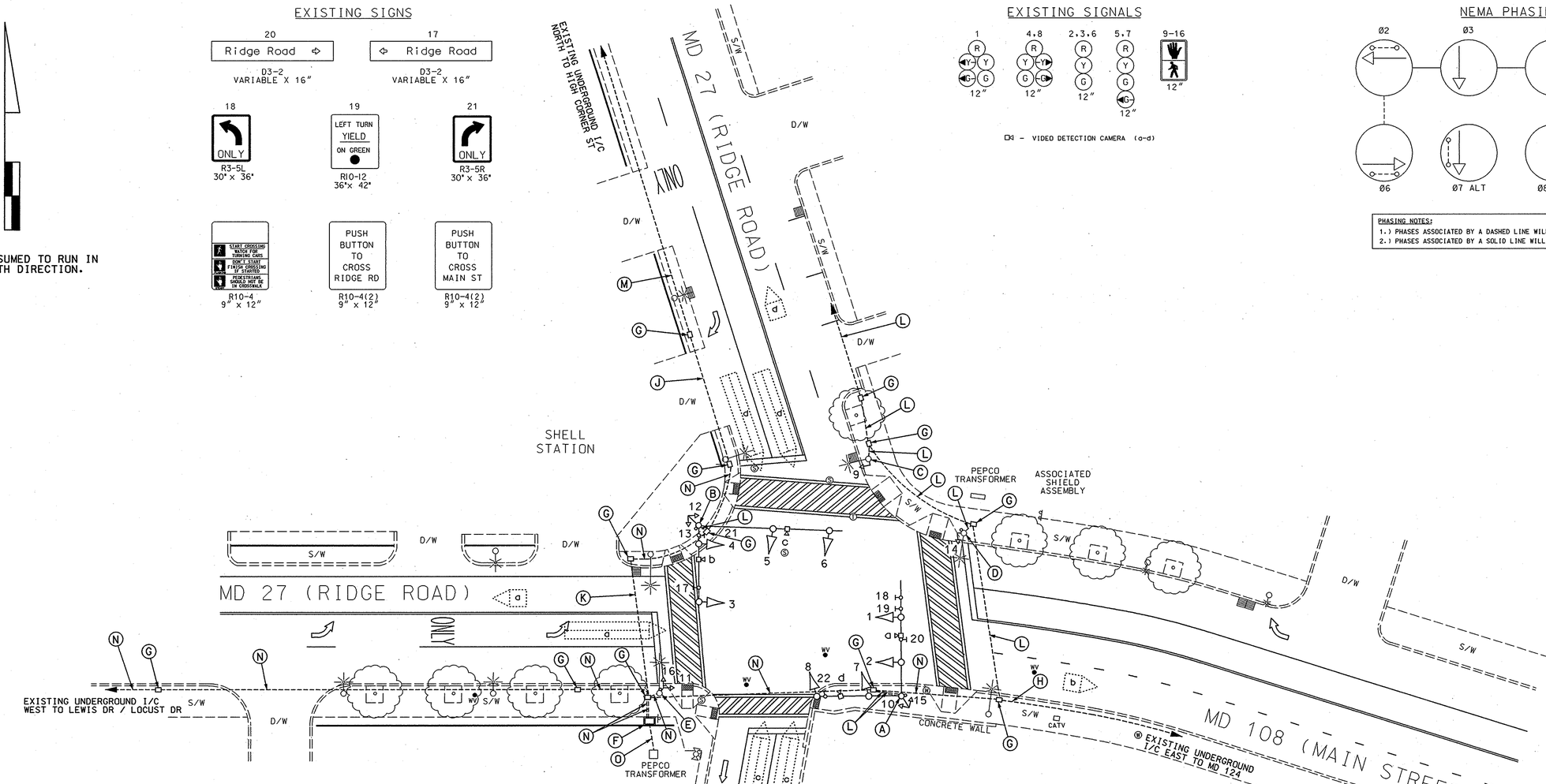
EXISTING SIGNS

EXISTING SIGNALS

NEMA PHASING



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. 21' steel pole with twin 40' - 30' mast arms, traffic signal heads, signs, video detectIion cameras, pedestrian signal heads, pedestrian sign and pushbutton with pedestrian education sign. (Note: 2-2", 90° polyvinyl chloride (Schedule 80) bends).

B. 21' steel pole with twin 50' - 30' mast arms, traffic signal heads, signs, video detectIion cameras, pedestrian signal heads, pedestrian sign and pushbutton with pedestrian education sign. (Note: 1-2", 90° galvanized steel (Schedule 80) bend).

C. Steel street light pole with pedestrian signal head with pedestrian sign. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bends).

D. Steel street light pole with pedestrian signal head, pedestrian sign and pushbutton with pedestrian education sign. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bends).

E. Steel street light pole with pedestrian signal heads, pedestrian sign and pushbutton with pedestrian education sign. (Note: 1-4", 90° polyvinyl chloride (Schedule 80) bends).

F. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 2-4" polyvinyl chloride (Schedule 80) bend).

G. Handhole.

H. 2" galvanized steel electrical conduit (Schedule 80).

J. 3" galvanized steel electrical conduit (Schedule 80).

K. 4" galvanized steel electrical conduit (Schedule 80).

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

M. 3" polyvinyl chloride electrical conduit (Schedule 80).

N. 4" polyvinyl chloride electrical conduit (Schedule 80).

O. Existing underground electrical service to be maintained by PEPCO.

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

"ASBUILT"
STREET TRAFFIC STUDIES, LTD.
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4892b.DGN D6-43

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
E 7-1-05 ASBUILT SHA NO.: MD6075177 JWA
D 1-31-03 INSTALL VIDEO DETECTION DUE TO RESURFACING SHA NO.: MD6075177 JWA
C 9-12-89 REBUILT FOR NEW GEOMETRICS

PLOTTED: $DATETIME$
FILE: $FILE$

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 27 (RIDGE ROAD) AND MD 108 (MAIN STREET)

SCALE 1"= 20' DATE 11-5-77 CONTRACT NO.

DESIGNED BY HJ KILIAN COUNTY MONTGOMERY
DRAWN BY EM MILESKY LOGMILE 15002706.70
CHECKED BY TIMS NO. F611
F.A.P. NO. TOD NO.

TS NO. 1013E | DRAWING NO. OF | SHEET NO. 1 OF 1

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