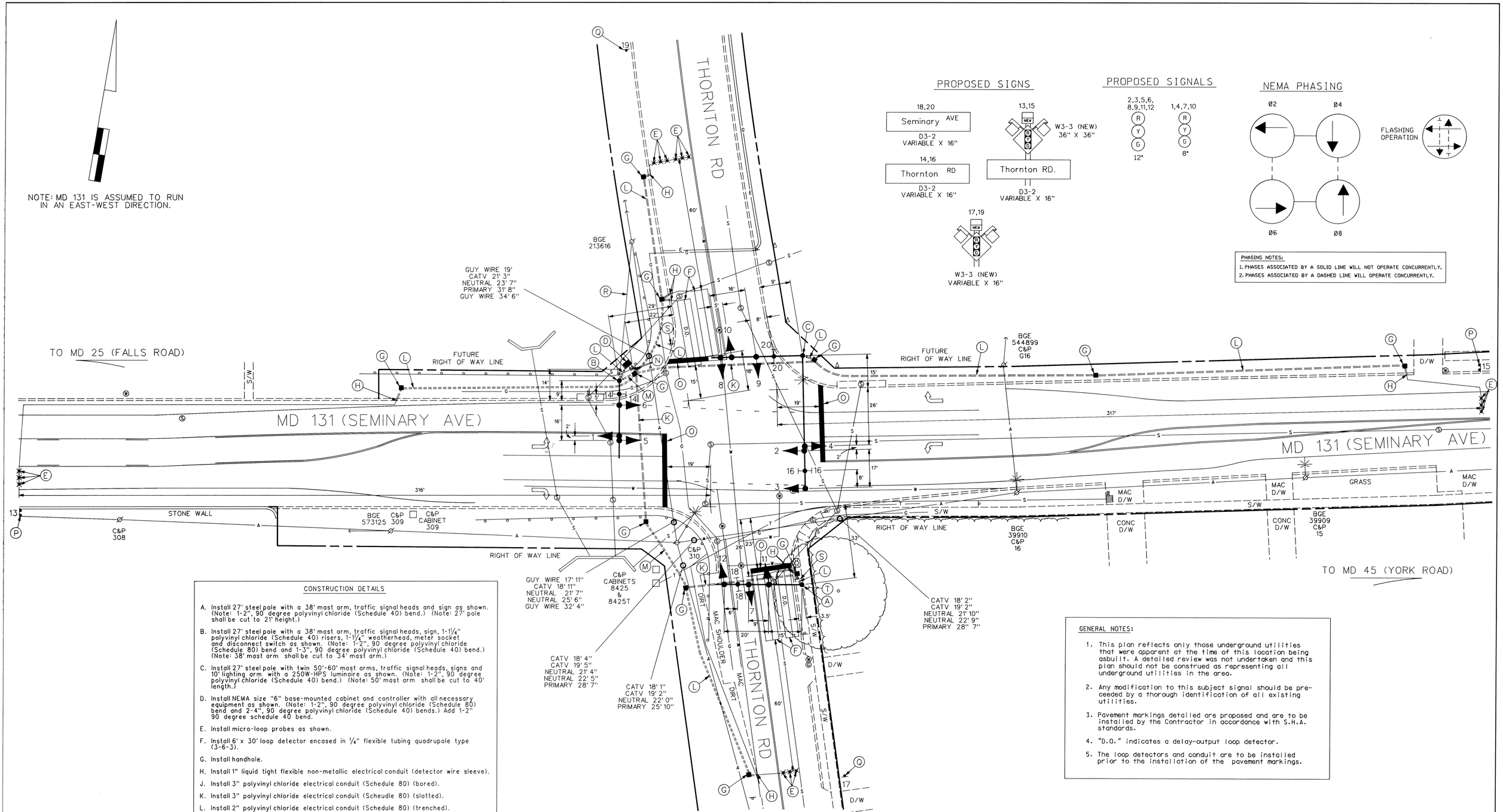
NOTE: MD 131 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.



PROPOSED SIGNS

18,20
Seminary AVE
D3-2 VARIABLE X 16"

14,16
Thornton RD
D3-2 VARIABLE X 16"

13,15
NEW
W3-3 (NEW) 36" X 36"
Thornton RD.
D3-2 VARIABLE X 16"

17,19
NEW
W3-3 (NEW) VARIABLE X 16"

PROPOSED SIGNALS

2,3,5,6, 8,9,11,12 — R, Y, G — 12"

1,4,7,10 — R, Y, G — 8"

NEMA PHASING

FLASHING OPERATION

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

CONSTRUCTION DETAILS

A. Install 27' steel pole with a 38' mast arm, traffic signal heads and sign as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.) (Note: 27' pole shall be cut to 21' height.)

B. Install 27' steel pole with a 38' mast arm, traffic signal heads, sign, 1-1¼" polyvinyl chloride (Schedule 40) risers, 1-1¼" weatherhead, meter socket and disconnect switch as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend and 1-3", 90 degree polyvinyl chloride (Schedule 40) bend.) (Note: 38' mast arm shall be cut to 34' mast arm.)

C. Install 27' steel pole with twin 50'-60' mast arms, traffic signal heads, signs and 10' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.) (Note: 50' mast arm shall be cut to 40' length.)

D. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend and 2-4", 90 degree polyvinyl chloride (Schedule 40) bends.) Add 1-2" 90 degree schedule 40 bend.

E. Install micro-loop probes as shown.

F. Install 6' x 30' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).

G. Install handhole.

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

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

K. Install 3" polyvinyl chloride electrical conduit (Scheudle 80) (slotted).

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

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

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

O. Install pavement markings as shown.

P. Install ground mounted combination W3-3, (NEW) and D3-2 signs 475' prior to stopline.

Q. Install ground mounted W3-3, (NEW) sign 325' prior to stopline.

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

S. R1-1 "STOP" sign and post to be removed by MSHA forces.

T Selective tree trimming (by District-4 forces).

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.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards.
4. "D.O." indicates a delay-output loop detector.
5. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

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REVISIONS

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

for DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 131 (SEMINARY AVE) AND THORNTON RD

DRAWN BY: D.A.NIES
CHECK BY: R.R.ZACHERL
DATE: 12-4-97 12-5-97
SCALE: 1" - 20'

COUNTY: BALTIMORE
LOG MILE: 03013101.28
F.A.P. NO.
S.H.A. NO. AW276A5A/B5A

TS NO. 3758
T.I.M.S. NO. C-563

SHEET NO. 1 OF 2