SIGNALS

1,2,4-6 — 12"

3 — 12"

SIGNS

7 — R 10-12, 36" x 42"

8a — WMC Dr

8b — WMC Dr

D-3(1), 16" x Var. (Dual Faced Sign)

9 — M95-1, 24" x 96"

10,11 — Temporary Sign W 3-3, 48" x 48"

12 — Temporary Sign W 3-3, 36" x 36"

13 — 24" x 30", R 4-7, ø15"

MD 140 is considered to run in an East/West direction.

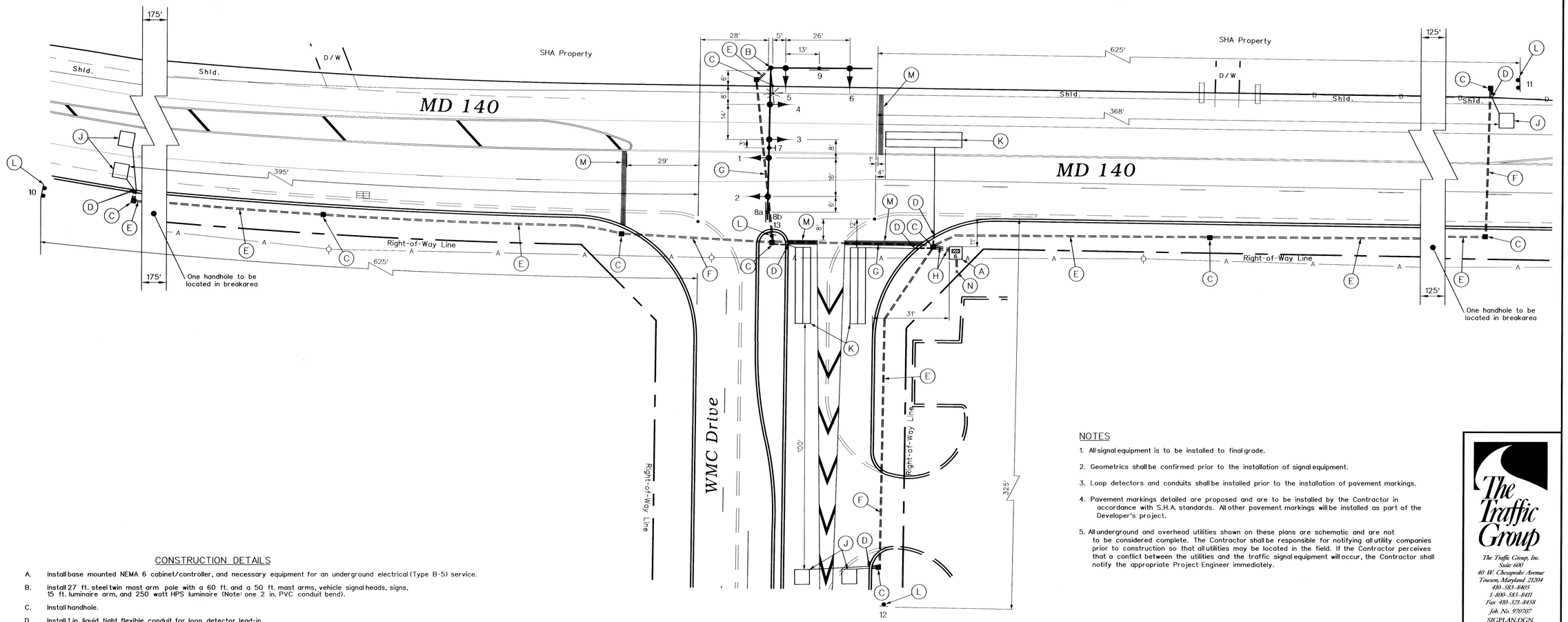
NEMA PHASING

Ø2 Ø3 Ø5 Ø6

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 base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical (Type B-5) service.

B. Install 27 ft. steel twin mast arm pole with a 60 ft. and a 50 ft. mast arms, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 2 in. PVC conduit bend).

C. Install handhole.

D. Install 1 in. liquid tight flexible conduit for loop detector lead-in.

E. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

H. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

J. Install 6 ft. by 6 ft. vehicle loop detector (4 turns).

K. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).

L. Install ground mounted sign as shown.

M. Install 24 in. wide pavement marking - white for stop line.

N. Proposed underground electrical service by BGE.

NOTES

1. All signal equipment is to be installed to final grade.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
4. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the Developer's project.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

The Traffic Group
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Job. No. 970707
SIGPLAN.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
D	STORM DRAIN
A	AERIAL CABLES
T	TELEPHONE CABLES

REVISIONS

KTB

APPROVALS

3/23/99 — ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

3/25/99 — CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

3/31/99 — DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

MD 140 at WMC Drive

DATE: February 17, 1999

LOG MILE • 06014011.06

DRAWN BY: F. Hoeckel

CHK. BY:

SCALE: 1" = 20'

F.A.P. NO. N/A

S.H.A. NO. BW996M82

COUNTY: CARROLL

PLAN SHEET NO.: 3849

SHEET NO. 1 of 4

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