SIGNALS

1,2,5-9 — R, Y, G — 12"

3 — R, Y, G, LT, RT — 12"/8"

4 — R, Y, G, LT, RT — 12"

10,11 — 12"

SIGNS

13 — LEFT TURN YIELD ON GREEN — R 10-12, 36" x 42"

12,14 — Ring Factory Rd — D 3-2, 16" x Var. (Dual Faced Sign)

15 — ONLY — R 3-5(L), 30" x 36"

16 — R 3-6(L), 30" x 36"

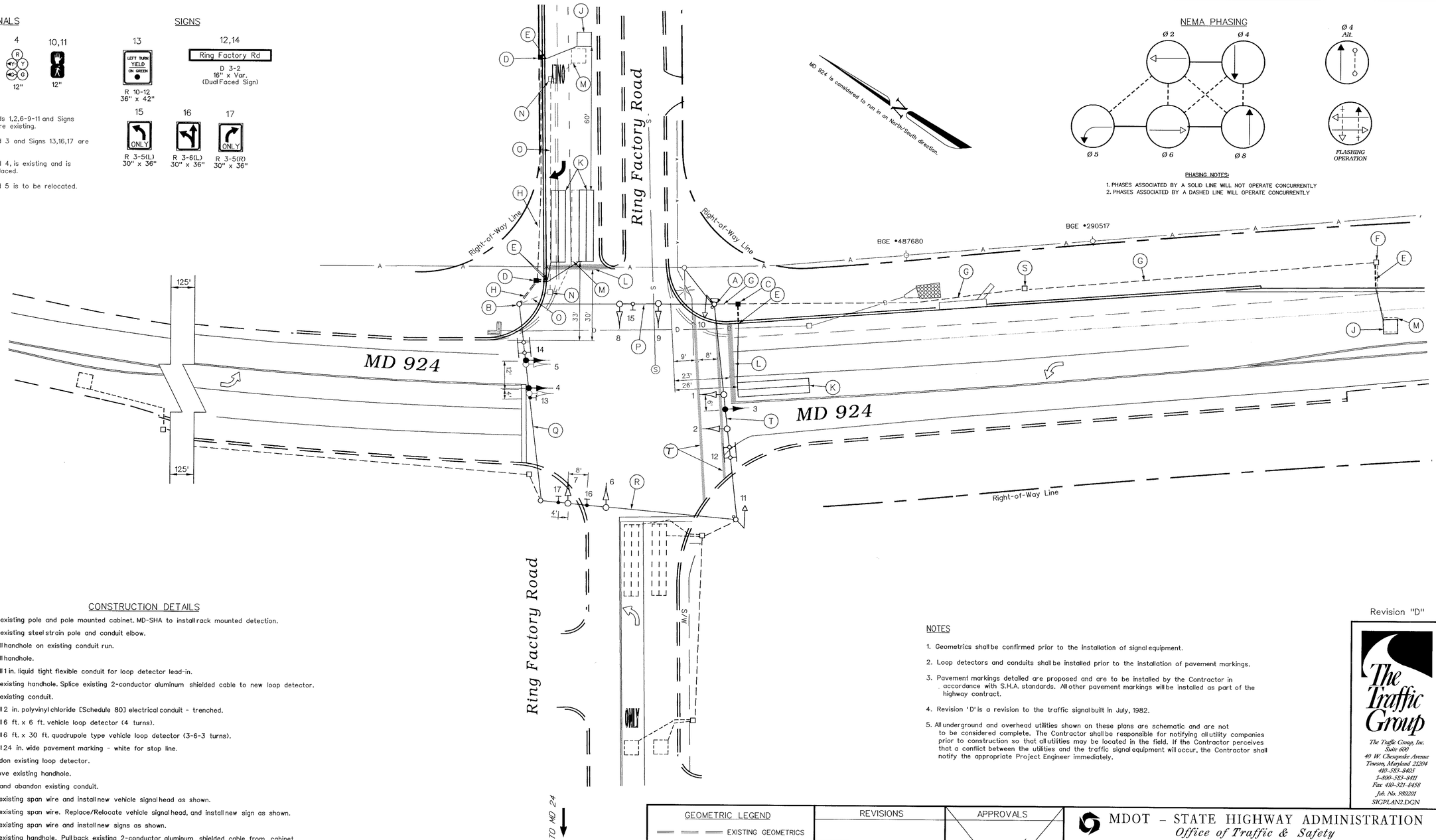
17 — ONLY — R 3-5(R), 30" x 36"

Note: Signal heads 1,2,6-9-11 and Signs 12,14,15 are existing.

Signal head 3 and Signs 13,16,17 are proposed.

Signal head 4, is existing and is to be replaced.

Signal head 5 is to be relocated.



CONSTRUCTION DETAILS

A. Use existing pole and pole mounted cabinet. MD-SHA to install rack mounted detection.

B. Use existing steel strain pole and conduit elbow.

C. Install handhole on existing conduit run.

D. Install handhole.

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

F. Use existing handhole. Splice existing 2-conductor aluminum shielded cable to new loop detector.

G. Use existing conduit.

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

J. Install 6 ft. x 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 24 in. wide pavement marking - white for stop line.

M. Abandon existing loop detector.

N. Remove existing handhole.

O. Cap and abandon existing conduit.

P. Use existing span wire and install new vehicle signal head as shown.

Q. Use existing span wire. Replace/Relocate vehicle signal head, and install new sign as shown.

R. Use existing span wire and install new signs as shown.

S. Use existing handhole. Pull back existing 2-conductor aluminum shielded cable from cabinet and rerun in existing conduit.

T. Install 12 in. wide pavement marking - white for cross walk.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. 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 highway contract.
4. Revision 'D' is a revision to the traffic signal built in July, 1982.
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.

Revision "D"

The Traffic Group
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SIGPLAN2.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

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

REVISIONS

D Modify loops & phasing due to geometric changes July 2, 1999
S.H.A. No. BW9960B2

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 924 at Ring Factory Road

LOG MILE •

DATE: July 2, 1982					
DRAWN BY: T.G.	F.A.P. NO. N/A	PLAN SHEET NO.: 1868D	SHEET NO. 3 of 4
CHK. BY: T. G.	S.H.A. NO. N/A		
SCALE: 1" = 20'	COUNTY: Harford		

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