SIGNALS

1,2,5-9 — 12"
3 — 12"/8"
4 — 12"
10,11 — 12"

SIGNS

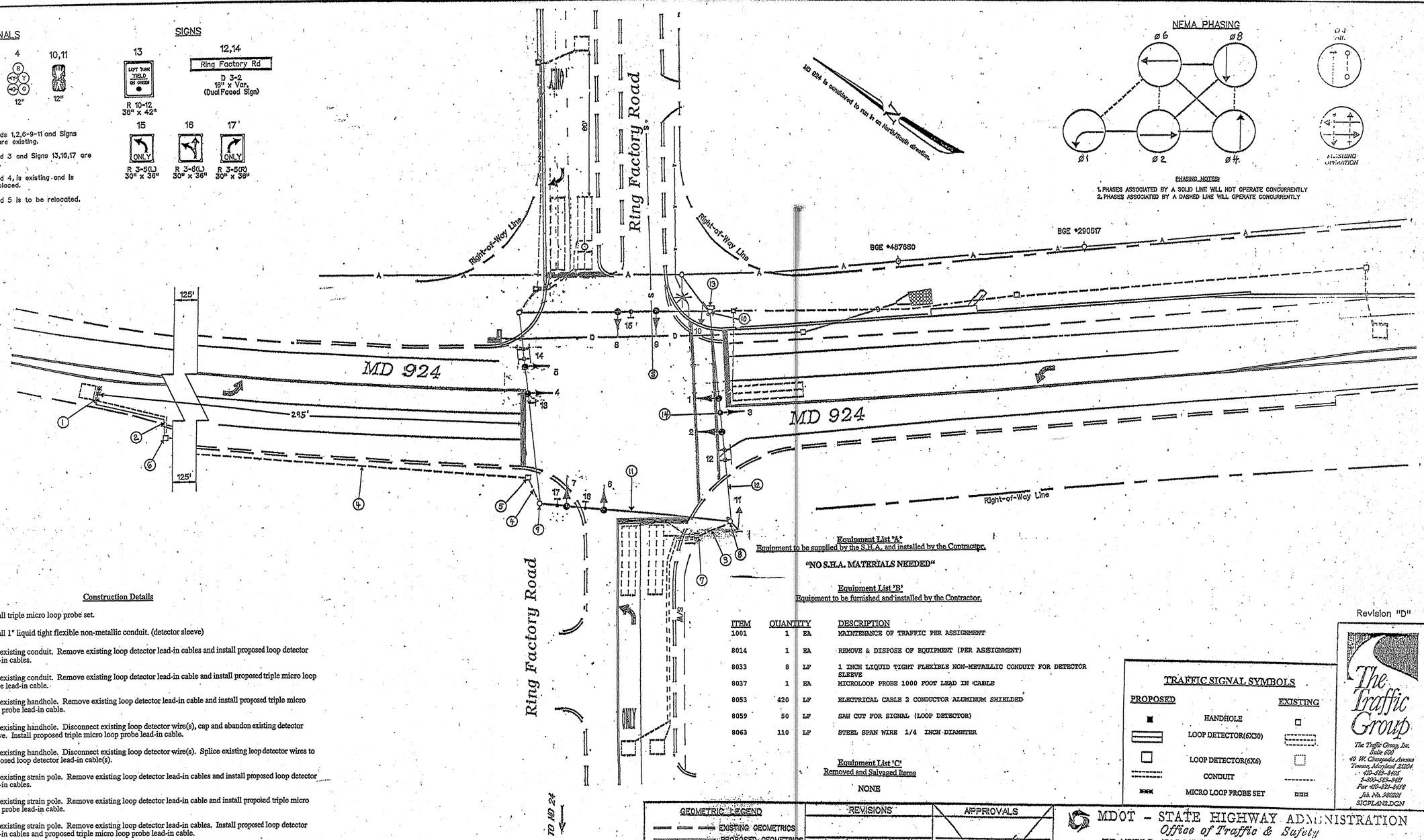
13 — R 10-12, 36" x 42"
12,14 — Ring Factory Rd, D 3-2, 18" x Var. (Dual Faced Sign)
15 — R 3-5(L), 30" x 36"
16 — R 3-6(L), 30" x 36"
17 — R 3-5(R), 30" x 36"

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.



NEMA PHASING

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

1. Install triple micro loop probe set.
2. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve)
3. Use existing conduit. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
4. Use existing conduit. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cable.
5. Use existing handhole. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cable.
6. Use existing handhole. Disconnect existing loop detector wire(s), cap and abandon existing detector sleeve. Install proposed triple micro loop probe lead-in cable.
7. Use existing handhole. Disconnect existing loop detector wire(s). Splice existing loop detector wires to proposed loop detector lead-in cable(s).
8. Use existing strain pole. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
9. Use existing strain pole. Remove existing loop detector lead-in cable and install propoied triple micro loop probe lead-in cable.
10. Use existing strain pole. Remove existing loop detector lead-in cables. Install proposed loop detector lead-in cables and proposed triple micro loop probe lead-in cable.
11. Use existing span wire. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cable.
12. Use existing span wire. Remove existing loop detector lead-in cables. Install proposed loop detector lead-in cables and proposed triple micro loop probe lead-in cable.
13. Use existing controller cabinet. Remove existing loop detector lead-in cables. Install proposed loop detector lead-in cables and proposed triple micro loop probe lead-in cable. Traffic Operations Division personnel to re-tune existing loop detector amplifiers upon completion of proposed detectors.
14. Tether existing 5 section signal head.

Equipment List 'A'
Equipment to be supplied by the S.H.A. and installed by the Contractor.

"NO S.H.A. MATERIALS NEEDED"

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8014	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8033	8	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8037	1	EA	MICROLOOP PROBE 1000 FOOT LEAD IN CABLE
8053	420	LF	ELECTRICAL CABLE 2 CONDUCTOR ALUMINUM SHIELDED
8059	50	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8063	110	LF	STEEL SPAN WIRE 1/4 INCH DIAMETER

Equipment List 'C'
Removed and Salvaged Items

NONE

Revision "D"

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	▭
□	LOOP DETECTOR(6X6)	□
----------	CONDUIT	----------
▪▪▪▪	MICRO LOOP PROBE SET	▪▪▪▪

The Traffic Group
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1-800-322-8439
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Job No. 980201
SIGPLAN2.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
STORM DRAIN
AERIAL CABLES
TELEPHONE CABLES

REVISIONS

⑥ Replace failed detection, OT 2003 10-04
⑦ Modify loops & phasing due to geometric changes S.H.A. No. BW9898400 July 2, 1999

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. 1888E	SHEET NO. 3 of 4
CHK. BY: T.G.	S.H.A. NO. N/A		
SCALE: 1" = 20'	COUNTY: Harford		

A:\980201\sig2plan.dgn 07 Jul 98