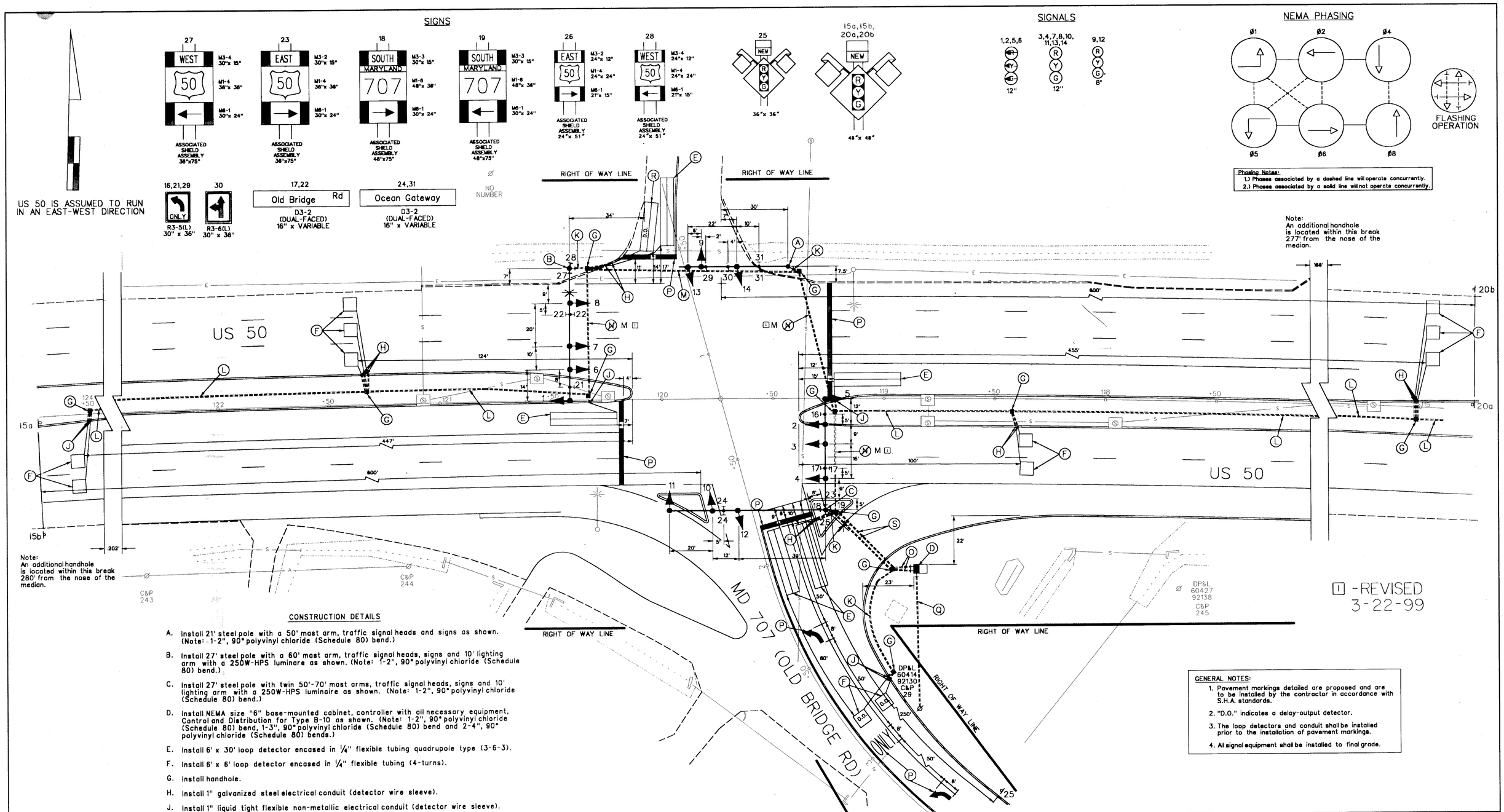

CONSTRUCTION DETAILS

A. Install 21' steel pole with a 50' mast arm, traffic signal heads and signs as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with a 60' mast arm, traffic signal heads, signs and 10' lighting arm with a 250W-HPS luminare as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

C. Install 27' steel pole with twin 50'-70' mast arms, traffic signal heads, signs and 10' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

D. Install NEMA size "6" base-mounted cabinet, controller with all necessary equipment, Control and Distribution for Type B-10 as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend, 1-3", 90° polyvinyl chloride (Schedule 80) bend and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)

E. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

F. Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

G. Install handhole.

H. Install 1" galvanized steel electrical conduit (detector wire sleeve).

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

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

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

1 M. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

1 N. ~~Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched prior to final surface).~~ Deleted

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

P. Install pavement markings as shown.

Q. Install 3" polyvinyl chloride electrical conduit to utility pole base, supply elbow and pull string for the proposed underground electrical service to be installed by DP&L.

R. Install 6' x 22' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

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

GENERAL NOTES:

1. Pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards.
2. "D.O." indicates a delay-output detector.
3. The loop detectors and conduit shall be installed prior to the installation of pavement markings.
4. All signal equipment shall be installed to final grade.

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

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REVISIONS		
1	LOOPS & CONDUIT	3/99

APPROVALS
ASST. CHIEF TRAFFIC SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10/26/98
DIRECTOR, TRAFFIC & SAFETY 4/5/99

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 AND MD 707

DRAWN BY: WJ NIES	COUNTY: WORCESTER	TS NO.	SHEET NO.
CHECK BY: EMM	LOG MILE:		42 OF 63
DATE: 10-15-98	F.A.P. NO. SEE TITLE SHEET	T.I.M.S. NO. C-528	
SCALE: 1" = 20'	S.H.A. NO. W07355176		