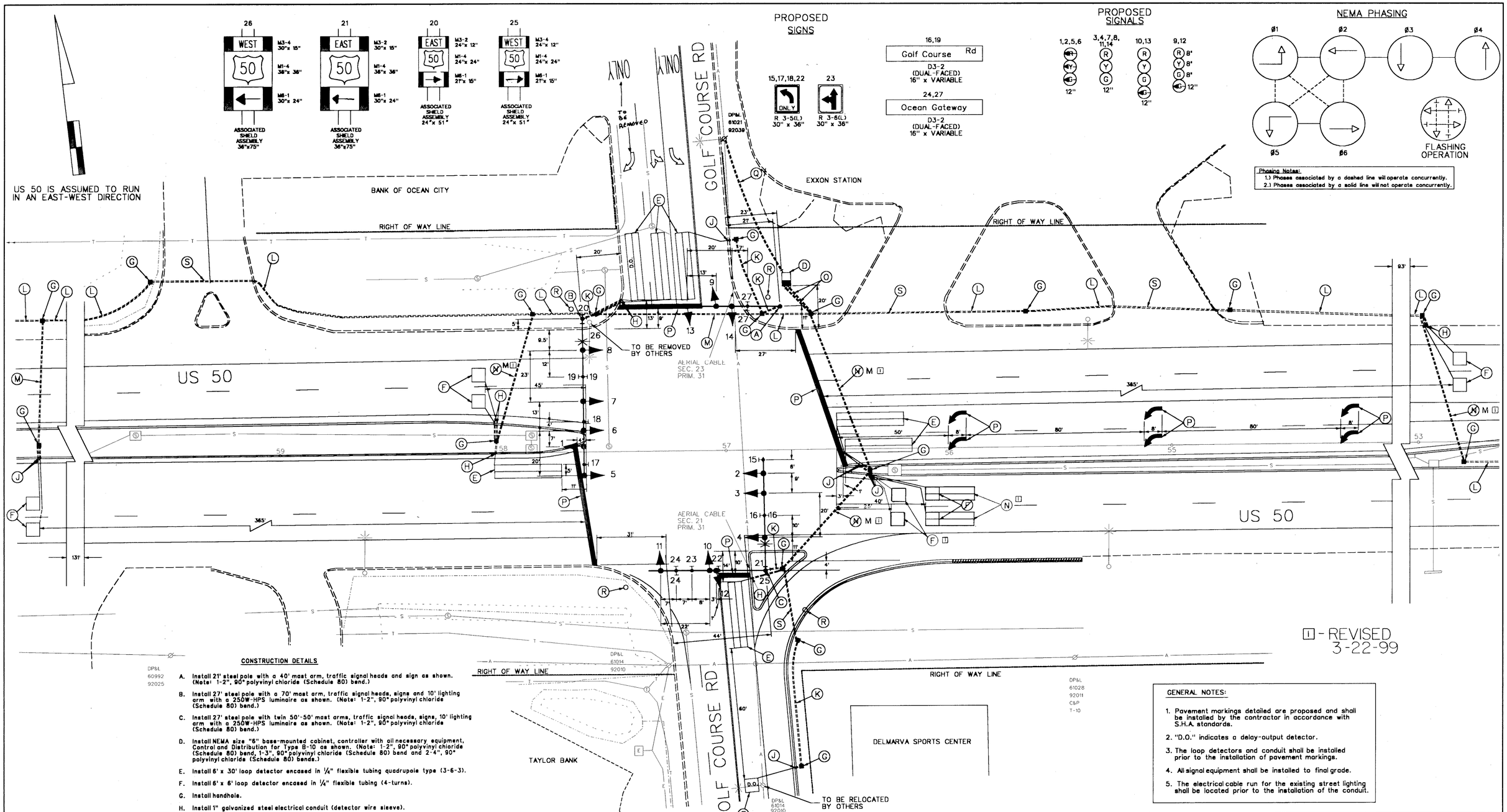

CONSTRUCTION DETAILS

A. Install 21' steel pole with a 40' mast arm, traffic signal heads and sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

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

C. Install 27' steel pole with twin 50'-50' mast arms, traffic signal heads, signs, 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 6-10 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) (trench prior to final surfaces).~~ Install 6'x22' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3)

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

P. Install pavement markings as shown.

Q. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) to utility pole base, supply elbow and pull string for the proposed underground electrical service to be install by DP&L.

R. Existing signal pole to be back guyed during construction, if required. (For removal see Signal Plan Sheet # of #.)

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

GENERAL NOTES:

1. Pavement markings detailed are proposed and shall 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.
5. The electrical cable run for the existing street lighting shall be located prior to the installation of the conduit.

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

F 10-18-88 RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC CHANGES
SHA NO.: W0230176
EMW
E 11-92 INSTALL SIDE STREET SPLIT PHASE & NEARSIDE E/P LT SIGNAL HEADS
SHA NO.:
MEL
D 5-25-86 INSTALL SIDE ROAD LOOP DETECTION
SHA NO.: 855-25004
MEL
C 3-8-86 RELOCATE POLE AND INSTALL NEW LOOPS
SHA NO.: 855-25004
JJD

APPROVALS

ASST. CHIEF TSDS SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 AND GOLF COURSE ROAD

DRAWN BY: W. BUDNICHUK, JR.	COUNTY: WORCESTER	TS NO. 401F	SHEET NO.
CHECK BY: W. RICHARDSON	LOG MILE: 23005013.31		
DATE: 10-24-75	F.A.P. NO. SEE TITLE SHEET	T.I.M.S. NO. C-527	44 OF 63
SCALE: 1" = 20'	S.H.A. NO.		

MAR 15 1999