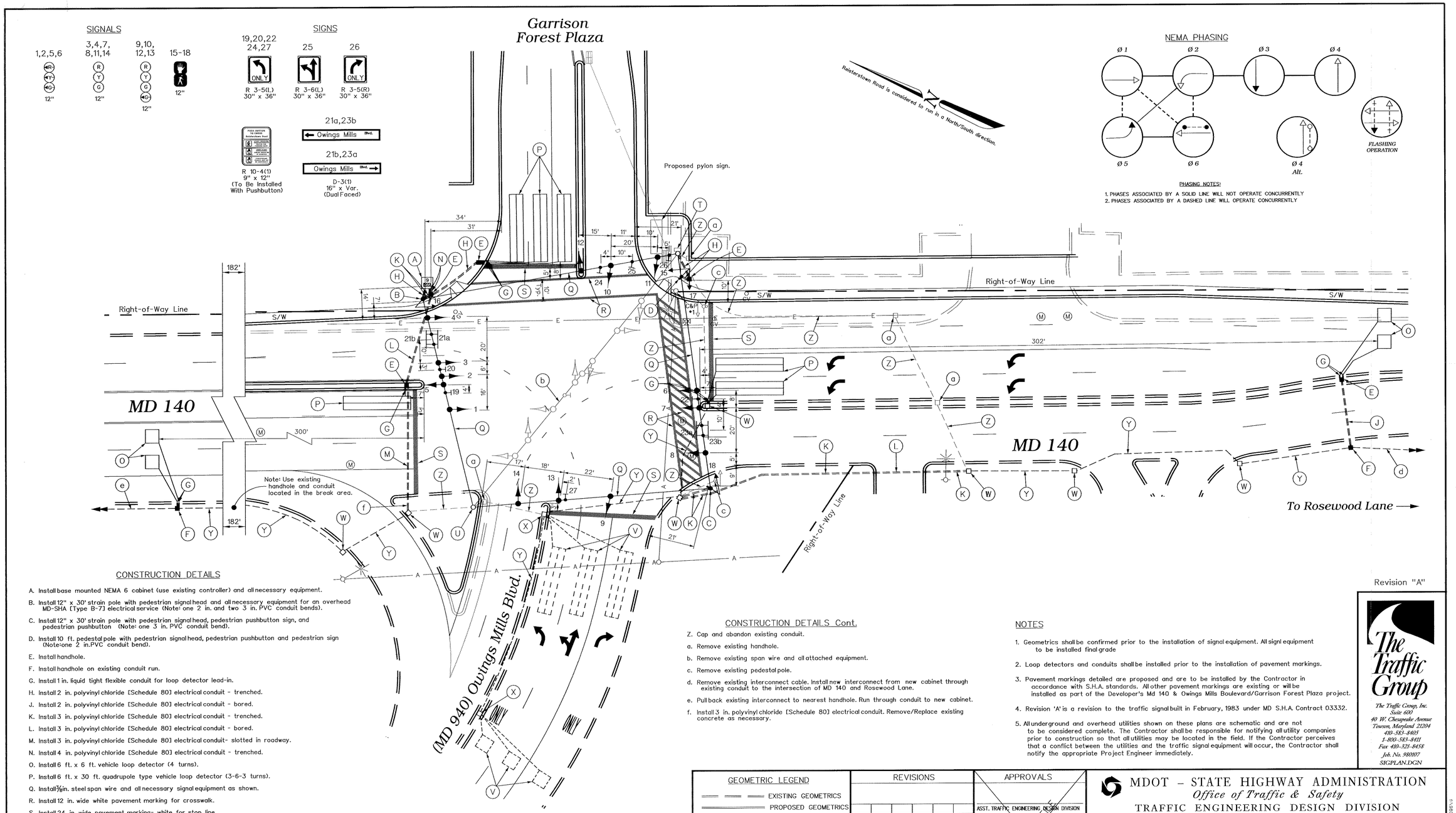

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet (use existing controller) and all necessary equipment.

B. Install 12" x 30' strain pole with pedestrian signal head and all necessary equipment for an overhead MD-SHA [Type B-7] electrical service (Note: one 2 in. and two 3 in. PVC conduit bends).

C. Install 12" x 30' strain pole with pedestrian signal head, pedestrian pushbutton sign, and pedestrian pushbutton (Note: one 3 in. PVC conduit bend).

D. Install 10 ft. pedestal pole with pedestrian signal head, pedestrian pushbutton and pedestrian sign (Note:one 2 in.PVC conduit bend).

E. Install handhole.

F. Install handhole on existing conduit run.

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

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

J. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.

K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.

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

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

O. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).

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

Q. Install 5/8 in. steel span wire and all necessary signal equipment as shown.

R. Install 12 in. wide white pavement marking for crosswalk.

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

T. Use existing strain pole. Remove existing pole mounted cabinet and electrical service. Relocate controller to new cabinet.

U. Use existing strain pole.

V. Use existing loop detector.

W. Use existing handhole.

X. Use existing handhole. Splice existing loop wire to new aluminum shielded cable.

Y. Use existing conduit.

CONSTRUCTION DETAILS Cont.

Z. Cap and abandon existing conduit.

a. Remove existing handhole.

b. Remove existing span wire and all attached equipment.

c. Remove existing pedestal pole.

d. Remove existing interconnect cable. Install new interconnect from new cabinet through existing conduit to the intersection of MD 140 and Rosewood Lane.

e. Pull back existing interconnect to nearest handhole. Run through conduit to new cabinet.

f. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit. Remove/Replace existing concrete as necessary.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signl equipment to be installed final grade

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 are existing or will be installed as part of the Developer's Md 140 & Owings Mills Boulevard/Garrison Forest Plaza project.

4. Revision 'A' is a revision to the traffic signal built in February, 1983 under MD S.H.A. Contract 03332.

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.

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SIGPLAN.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

A November 17, 1999
Modifications due to new entrance.
S.H.A. No. W990082

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 140 & Owings Mills Blvd./ Garrison Forest Plaza

DATE: Feb. 9, 1983

LOG MILE • 0301400535

DRAWN BY: Bruce Thompson

CHK. BY: Dennis Doda Jr.

SCALE: 1" = 20'

F.A.P. NO. N/A

S.H.A. NO. 03332

COUNTY: Baltimore

PLAN SHEET NO.: 1899 A

SHEET NO. 1 of 2

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