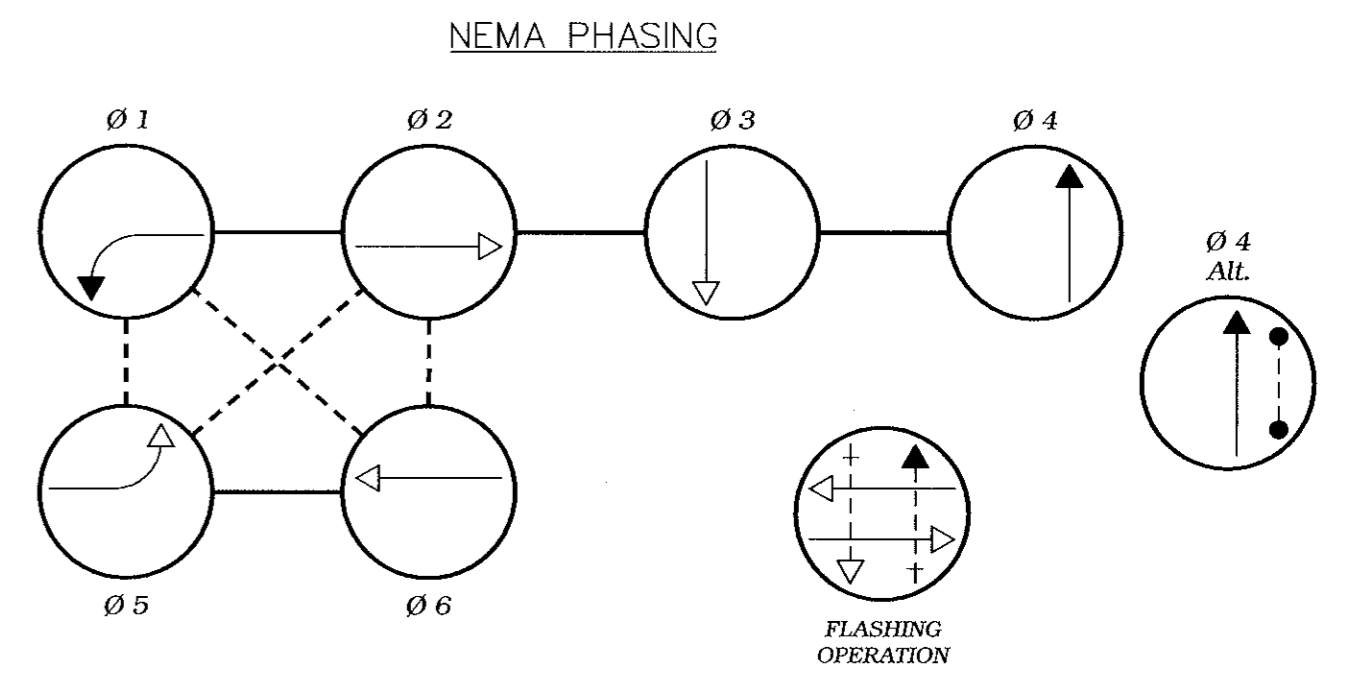
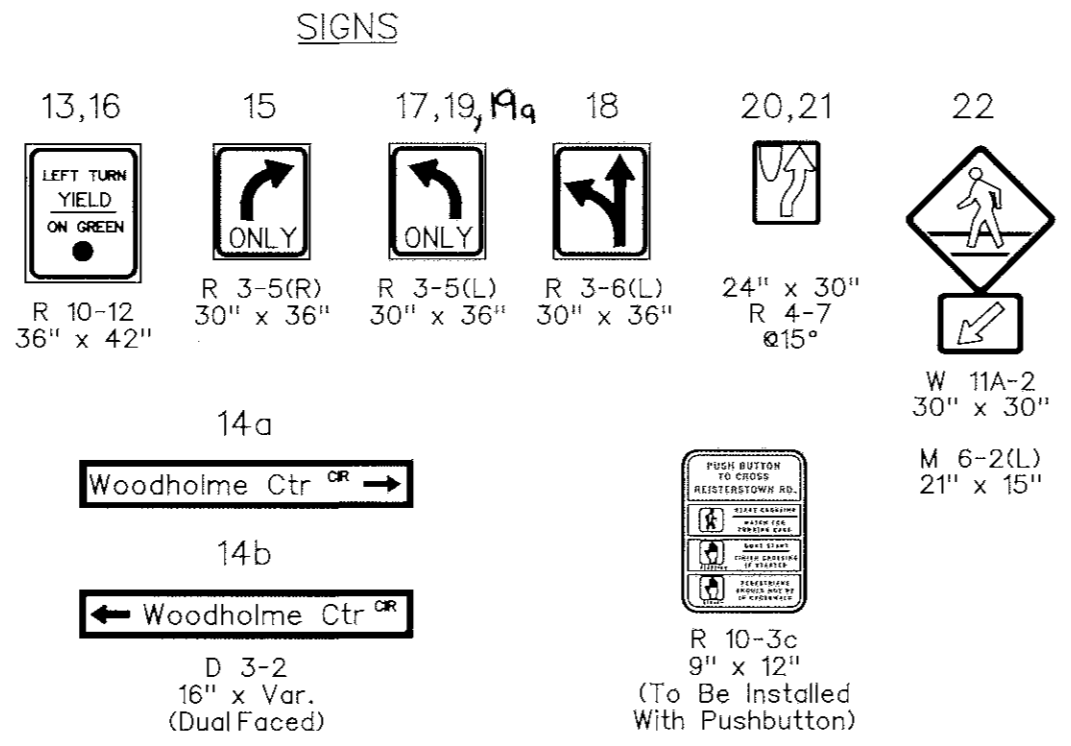
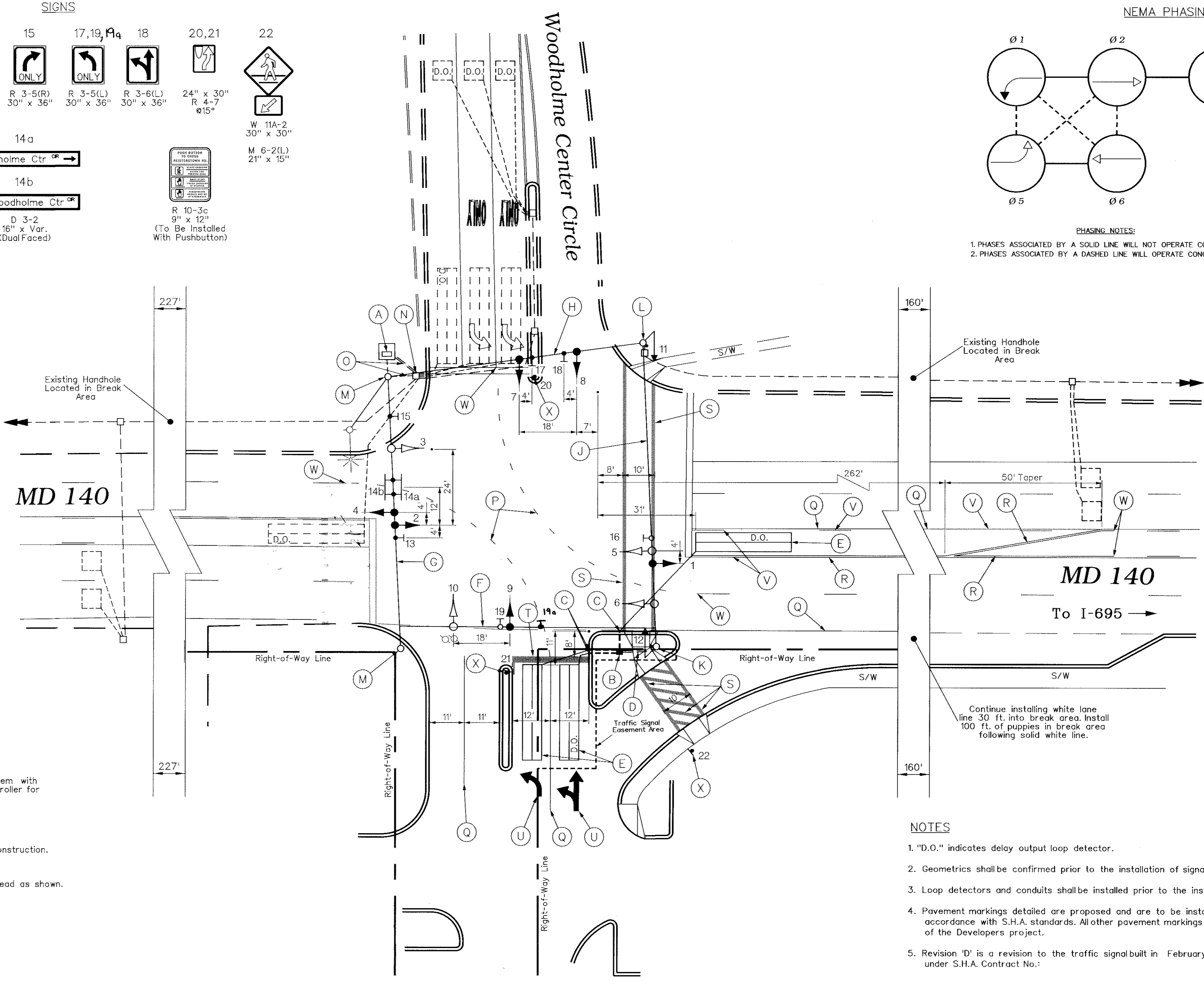
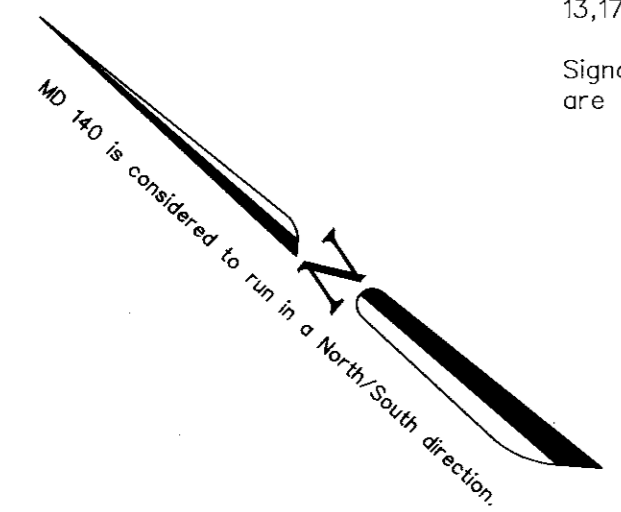


Note: Signal heads 3,5,6,10 and Signs 16,19 are existing.
 Signal heads 1,4,7,8,11,12 and Signs 19a, 13,17,18,20-22 are proposed.
 Signal heads 2,9 and Signs 14 and 15 are existing and are to be replaced.



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

- A. Use existing cabinet/controller. Replace the existing loop detector amplifier system with 4-channel rack mounted loop detector amplifiers. S.H.A. to rewire cabinet/controller for new phasing and rack mounted detection.
- B. Install handhole.
- C. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- D. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
- E. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- F. Use existing steelspan wire, vehicle signalhead and sign. Replace vehicle signalhead as shown.
- G. Use existing steelspan wire, vehicle signalhead. Replace/install vehicle signalheads and signs as shown.
- H. Use existing steelspan wire. Install vehicle signalheads and signs as shown.
- J. Use existing steelspan wire, vehicle signalheads, and sign. Install vehicle signal head as shown.
- K. Use existing steelstrain pole. Install 2 in. weatherhead, pedestrian signalhead, pedestrian pushbutton, and pushbutton sign. Install 2 in. PVC conduit bend in existing base.
- L. Use existing steelstrain pole. Install pedestrian signal head, pedestrian pushbutton, and pushbutton sign.
- M. Use existing steelstrain pole.
- N. Use existing handhole.
- O. Use existing conduit.
- P. Install 5 in. wide pavement marking (2 ft. segment - 6 ft. gap) - white for lane line.
- Q. Install 5 in. wide pavement marking - white for lane line.
- R. Install 5 in. wide pavement marking - double yellow for center line.
- S. Install 12 in. wide pavement marking - white for crosswalk.
- T. Install 24 in. wide pavement marking - white for stop line.
- U. Install pavement marking symbol as shown.
- V. Remove existing pavement markings by grinding.
- W. Tie to existing pavement markings.
- X. Install ground mounted sign as shown.

NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
4. 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 Developers project.
5. Revision 'D' is a revision to the traffic signal built in February, 1987 under S.H.A. Contract No.:
6. 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.

Brighton Gardens Entrance

GEOMETRIC LEGEND	REVISIONS	APPROVALS
--- EXISTING GEOMETRICS = PROPOSED GEOMETRICS		ASST. TRAFFIC ENGINEERING DESIGN DIVISION ASST. DISTRICT ENGINEER - TRAFFIC CHIEF TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY
UTILITY LEGEND		
G --- GAS MAIN W --- WATER MAIN S --- SEWER MAIN E --- ELECTRIC CABLES D --- STORM DRAIN A --- AERIAL CABLES T --- TELEPHONE CABLES		

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

MD 140 at Woodholme Center Circle and Brighton Gardens Ent.

DATE: February 24, 1987 LOG MILE • 03014002.35

DRAWN BY: GEC F.A.P. NO. N/A
 CHK. BY: DJD S.H.A. NO. PLAN SHEET NO.: 2309D
 SCALE: 1" = 20' COUNTY: BALTIMORE SHEET NO. 1 of 2

Revision "D"

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