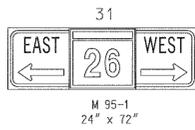
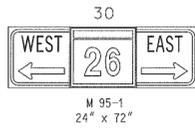
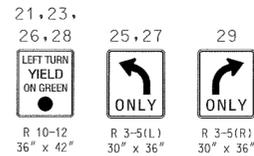
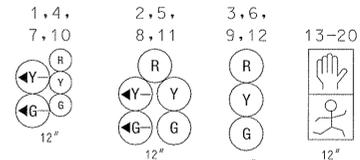


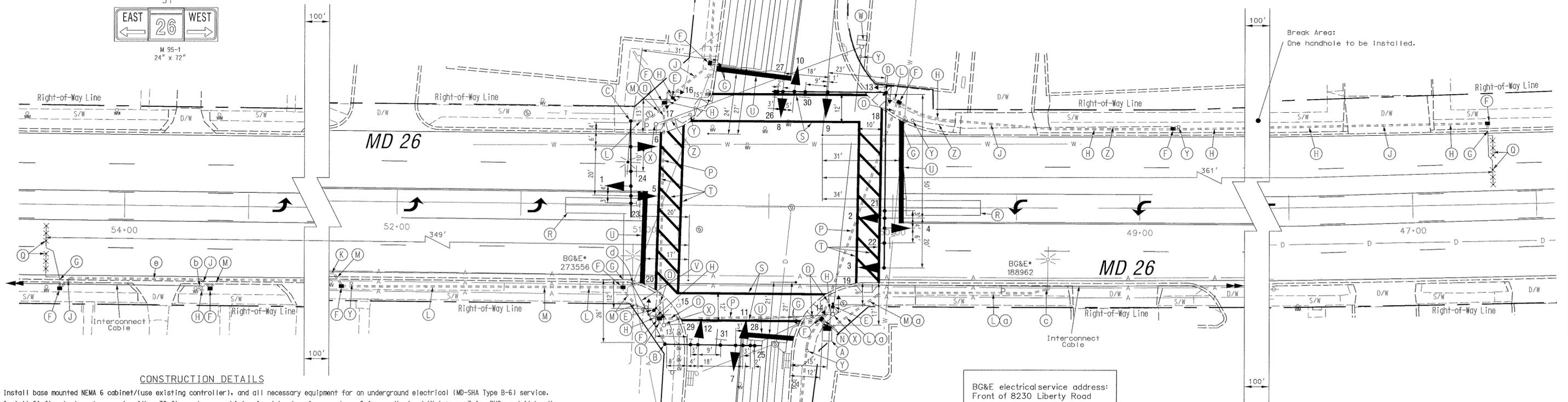
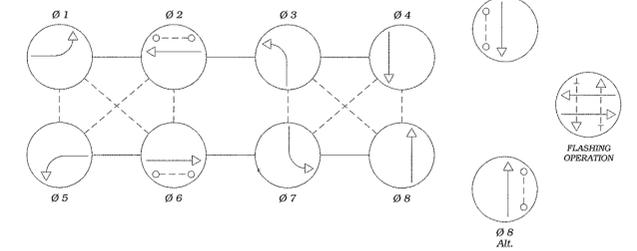
PROPOSED SIGNS



PROPOSED SIGNALS



EXISTING NEMA PHASING



CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet (use existing controller), and all necessary equipment for an underground electrical (MD-SHA Type B-6) service.
- B. Install 21 ft. steel mast arm pole with a 38 ft. mast arm, vehicle signal heads, signs, and one 2 in. weatherhead (Note: one 3 in. PVC conduit bend).
- C. Install 27 ft. steel mast arm pole with a 38 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 W HPS luminaire (Note: one 3 in. PVC conduit bend).
- D. Install 23 ft. steel twin mast arm pole with 45 ft. (cut from a 50 ft.) and 70 ft. mast arms, vehicle signal heads, signs, pedestrian signal heads, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 3 in. PVC conduit bend).
- E. Install 10 ft. steel pedestal pole on break away base with pedestrian signal head, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 in. PVC conduit bend).
- F. Install handhole.
- 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 - slotted in roadway.
- L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- M. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- N. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- O. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- P. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- Q. Install microloop probes.
- R. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- S. Install 12 in. wide white pavement marking for crosswalk as per SHA standard. Not to be installed until concrete stamped inlay crosswalk is completed.
- T. Install 12 in. wide white diagonal hatched pavement marking for crosswalk as per SHA standard.
- U. Install 24 in. wide pavement marking - white for stop line.
- V. Installed as part of Interconnect plan.
- W. Remove existing pole mounted cabinet, steel strain pole, and all attached equipment.
- X. Remove existing steel strain pole and all attached equipment.
- Y. Remove existing splice box.
- Z. Cap and abandon existing conduit.
- a. Proposed underground electrical service by BG&E.
- b. Use existing utility pole. Install 2 in. riser and 2 in. weatherhead.
- c. Use existing utility pole. Install 2 in. conduit bend at base of pole.
- d. Use existing utility pole.
- e. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

Crosswalks are to be installed in line with the Handicap ramps as directed by the Project Engineer.

BG&E electrical service address: Front of 8230 Liberty Road

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings and final course of paving.
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 will either be installed as part of the State Highway project or are to be considered existing.
4. 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.
5. Original signal, design, and construction by Baltimore County.
6. Crosswalks to be installed inline with Handicap ramps as directed by the Project Engineer.
7. Signal Contractor to excavate sidewalk as necessary to remove/install traffic signal equipment. Upon completion of Traffic Signal work the Signal Contractor is to backfill the excavated areas with a MD-SHA approved material. The restoration of the sidewalk areas is to be completed by others.

| GEOMETRIC LEGEND |                     |
|------------------|---------------------|
| ---              | EXISTING GEOMETRICS |
| ---              | PROPOSED GEOMETRICS |
| UTILITY LEGEND   |                     |
| — G —            | GAS MAIN            |
| — W —            | WATER MAIN          |
| — S —            | SEWER MAIN          |
| — E —            | ELECTRIC CABLES     |
| — D —            | STORM DRAIN         |
| — A —            | AERIAL CABLES       |
| — T —            | TELEPHONE CABLES    |



| REVISIONS | APPROVALS  |
|-----------|--|
|           | <br>TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
|           | <br>ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
|           | <br>DIRECTOR, TRAFFIC & SAFETY                       |

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 (Traffic Signal Plan)  
**MD 26 at Rolling Road**

|                         |                            |                        |           |
|-------------------------|----------------------------|------------------------|-----------|
| DRAWN BY: J.E.S.        | F.A.P. NO. SEE TITLE SHEET | TS NO. 3970            | SHEET NO. |
| CHECKED BY: [Signature] | S.H.A. NO. BA273A22        | T.I.M.S. NO. XXX       | 3 OF 8    |
| SCALE: 1" = 20'         | COUNTY: Baltimore          | LOG MILE: 0.3026007.08 |           |
| DATE: December 15, 1999 |                            |                        |           |