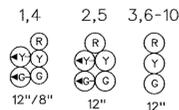
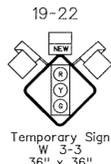
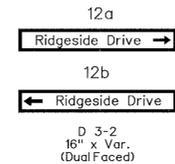
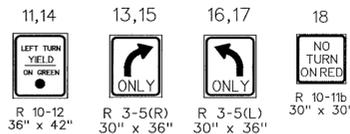


SIGNALS



SIGNS

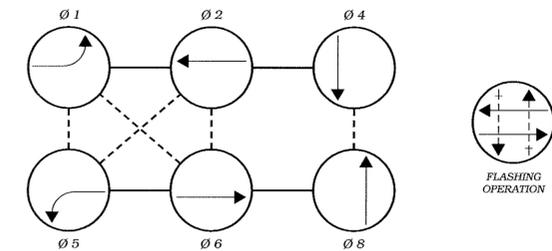


Install one handhole, 35 ft. of 2 in. conduit-pushed, and 115 ft. of 2 in. conduit-trenched in break area.

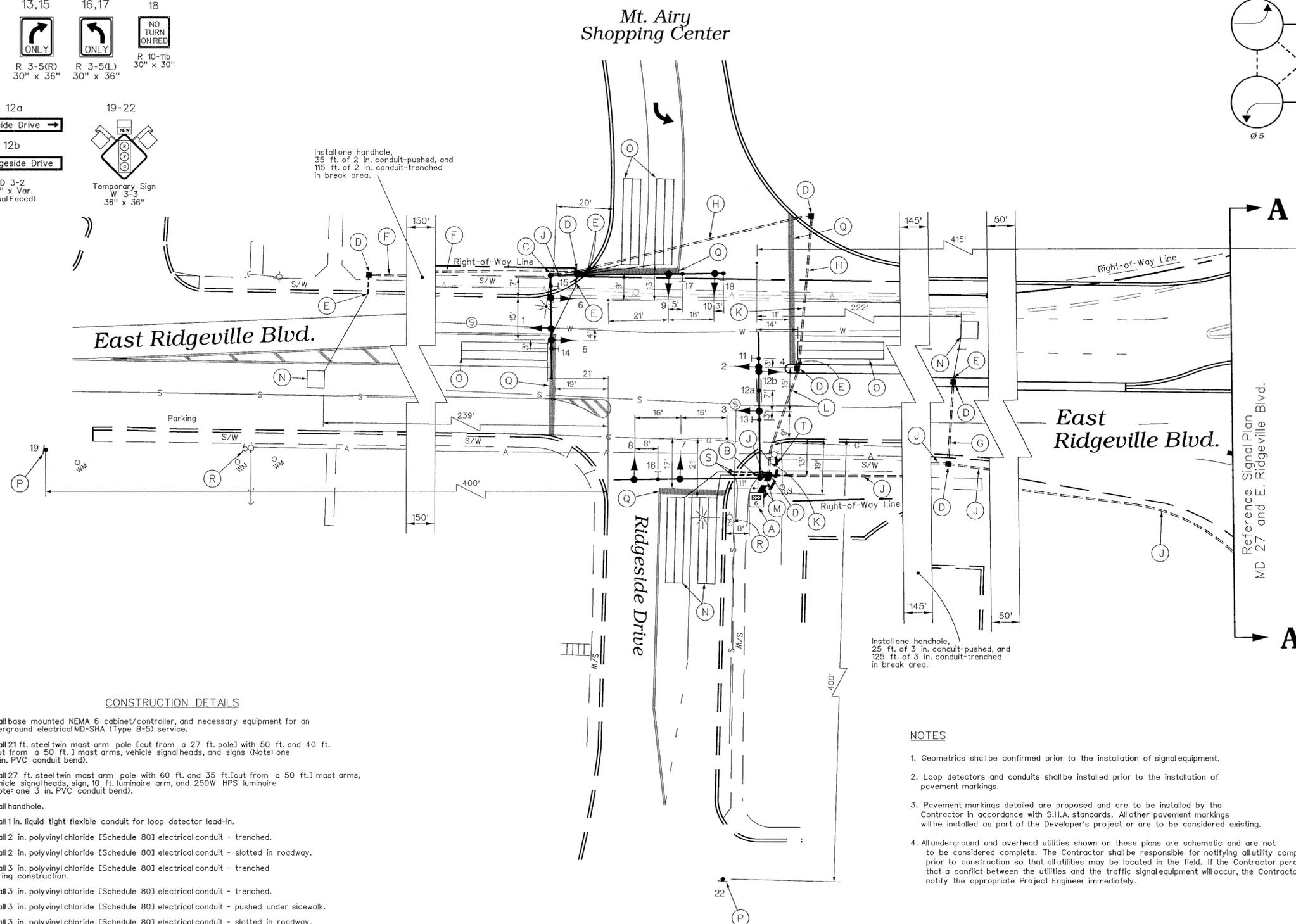
Install one handhole, 25 ft. of 3 in. conduit-pushed, and 125 ft. of 3 in. conduit-trenched in break area.

E. Ridgeside Road is to be completed to run in an East/West direction.

NEMA PHASING



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. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA (Type B-5) service.
- B. Install 21 ft. steel twin mast arm pole [cut from a 27 ft. pole] with 50 ft. and 40 ft. [cut from a 50 ft. J mast arms, vehicle signal heads, and signs (Note: one 3 in. PVC conduit bend)].
- C. Install 27 ft. steel twin mast arm pole with 60 ft. and 35 ft. [cut from a 50 ft.] mast arms, vehicle signal heads, sign, 10 ft. luminaire arm, and 250W HPS luminaire (Note: one 3 in. PVC conduit bend).
- D. Install handhole.
- E. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
- J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - pushed under sidewalk.
- L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- M. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- N. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
- O. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- P. Install ground mounted sign as shown.
- Q. Install 24 in. wide pavement marking - white for stop line.
- R. Remove existing sign.
- S. Install 1 in. galvanized steel conduit for loop detector lead-in.
- T. Proposed underground electrical service by Allegany Power Company.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment.
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 will be installed as part of the Developer's 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.

| GEOMETRIC LEGEND | REVISIONS | APPROVALS |
|-------------------------|-----------|-----------|
| --- 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 | | |

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

E. Ridgeville Blvd. at Ridgeside Drive / Mt. Airy Shopping Center Entr.

DATE: April 23, 1999
 LOG MILE: 060RD 22.24

| | | | |
|----------------------|---------------------|-----------------|------------------|
| DRAWN BY: F.H./J.S. | F.A.P. NO. N/A | PLAN SHEET NO.: | SHEET NO. 1 of 4 |
| CHK. BY: [Signature] | S.H.A. NO. BW996M82 | COUNTY: CARROLL | |
| SCALE: 1" = 20' | | | |

The Traffic Group
 The Traffic Group, Inc.
 Suite 600
 40 W. Chesapeake Avenue
 Towson, Maryland 21284
 410-583-3405
 1-800-383-9411
 Fax: 410-321-8458
 Job No. 971101
 SIGPLAN.DGN