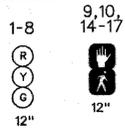
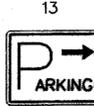
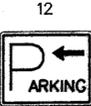
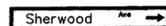


SIGNALS



SIGNS

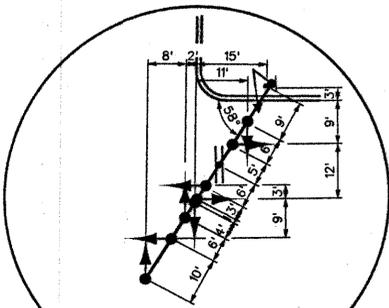


R 10-4(1)
9" x 12"
(To Be Installed
With Pushbutton)

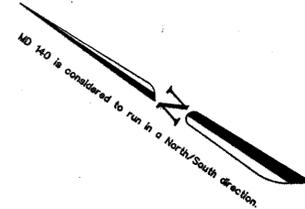
D4-1
30" x 24"

D4-1
30" x 24"

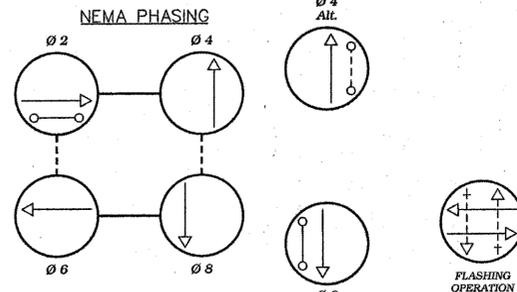
Note:
Signal heads 1-10, 14-17 and
Sign 11 are proposed.
Signs 12,13 are existing
and are to be relocated.



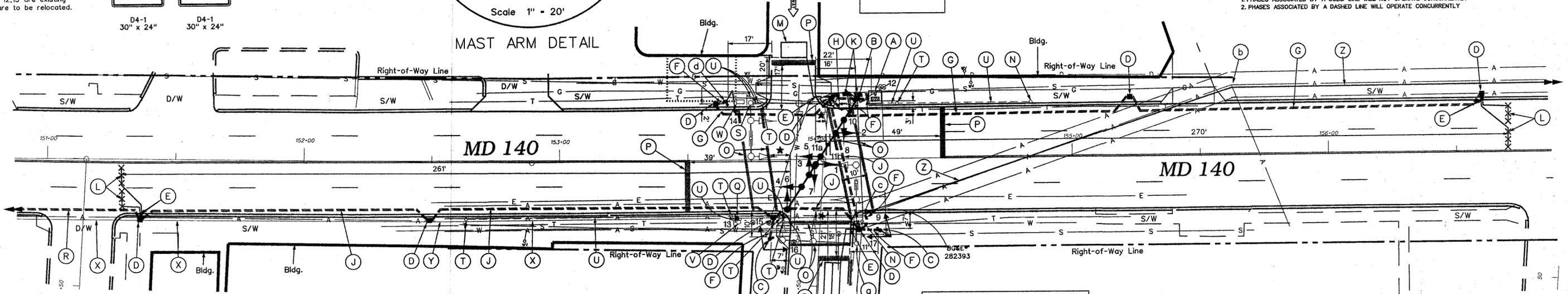
Scale 1" = 20'



No Overhead Utilities
This Side of Roadway
Not Measured



PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY



BG&E electrical service address:
front of 1001 Reisterstown Road

CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet (use existing controller) and all necessary equipment.
- B. Install 21 ft. steel mast arm pole with a 50 ft. mast arm, vehicle signal heads, signs, pedestrian signal head, pedestrian pushbutton, pedestrian pushbutton sign, and all necessary equipment for an overhead MD-SHA (Type B-7) electrical service as shown (Note: one 3 in. and one 2 in. PVC conduit bend).
- C. Install 10 ft. steel pedestal pole on break away base with pedestrian signal heads, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 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.
- J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- L. Install microloop probe.
- M. Install 6 ft. x 10 ft. vehicle loop detector (4 turns).
- N. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- O. Install 12 in. wide pavement markings - white for crosswalk.
- P. Install 24 in. wide pavement marking - white for stop line.
- Q. Install ground mounted sign.
- R. Installed as part of Interconnect Plan.
- S. Remove existing steel mast arm and all attached signal equipment. Relocate existing pole mounted sign to new mast arm pole.
- T. Remove existing splice box.
- U. Cap and abandon existing conduit.
- V. Remove existing traffic signal pedestal pole.
- W. Remove existing base mounted cabinet.
- X. Remove existing overhead interconnect.
- Y. Remove existing PVC riser used for interconnect.
- Z. Remove existing overhead interconnect. Install new overhead interconnect.
- a. Remove existing steel mast arm pole and all attached equipment.
- b. Use existing wood pole for interconnect.
- c. Use existing utility pole. Replace existing riser with a new 2 in. polyvinyl chloride [Schedule 80] electrical riser and 2 in. weatherhead.
- d. 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).

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

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment shall 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 be installed as part of the highway contract.
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. Contractor shall hand excavate for each new foundation until all utilities have been adequately cleared.
6. Original signal, design, and construction by Baltimore County.
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	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)

MD 140 at Sherwood Avenue

DATE: December 2, 1999 LOG MILE • 03014000.88

DRAWN BY: FJH/JES F.A.P. NO. SEE TITLE SHEET
CHK. BY: [Signature] S.H.A. NO. BA3035183
SCALE: 1" = 20' COUNTY: Baltimore PLAN SHEET NO.: 2276B SHEET NO.: 40 of 81

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