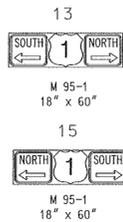
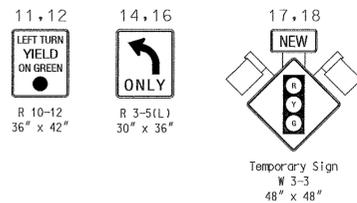
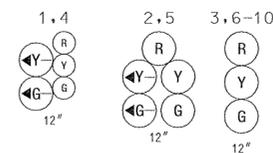


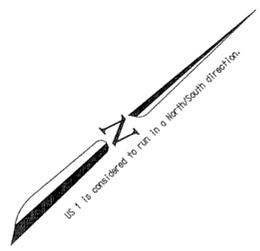
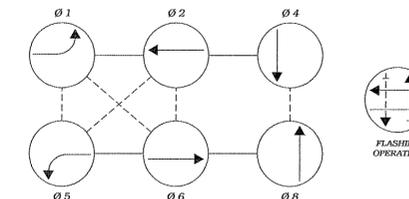
PROPOSED SIGNS



PROPOSED SIGNALS

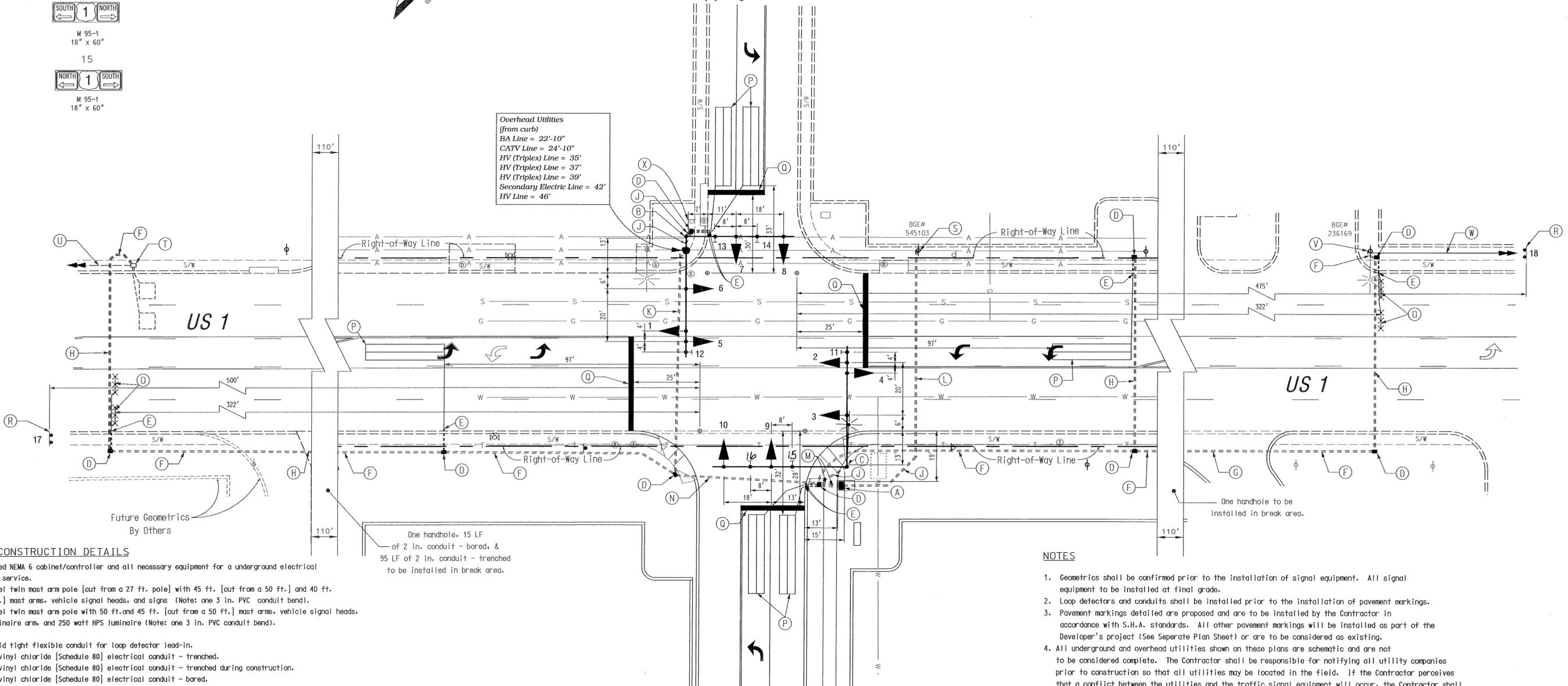


PROPOSED NEMA PHASING



Northview Shopping Center Entrance

Perry Hall Marketplace Entrance



Overhead Utilities (from curb)  
 BA Line = 22'-10"  
 CATV Line = 24'-10"  
 HV (Triplex) Line = 35'  
 HV (Triplex) Line = 37'  
 HV (Triplex) Line = 39'  
 Secondary Electric Line = 42'  
 HV Line = 46'

CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet/controller and all necessary equipment for a underground electrical (MD-SHA Type B-6) service.
- B. Install 21 ft. steel twin mast arm pole [cut from a 27 ft. pole] with 45 ft. [cut from a 50 ft.] and 40 ft. [cut from a 50 ft.] mast arms, vehicle signal heads, and signs (Note: one 3 in. PVC conduit bend).
- C. Install 27 ft. steel twin mast arm pole with 50 ft. and 45 ft. [cut from a 50 ft.] mast arms, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt 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 - trenched during construction.
- H. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored for underground electrical service.
- M. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- N. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
- O. Install microloop probe.
- P. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- Q. Install 24 in. wide pavement marking - white for stop line.
- R. Install ground mounted sign as shown.
- S. Proposed underground electrical service by BGE.
- T. Use existing handhole. (Verify location of existing loop detectors prior to installing new conduit).
- U. Use existing conduit. Install new interconnect cable to existing cabinet. (See I/C plan Sheet 3 of 4 for details.)
- V. Install 2 in. PVC riser and weatherhead on existing utility pole.
- W. Install self-supporting interconnect cable to existing cabinet. (See I/C plan Sheet 3 of 4 for details.)
- X. Remove existing stop sign upon traffic signal being placed into flashing operation.

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.
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 (See Separate Plan Sheet) or are to be considered as 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	
— — — —	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

The Traffic Group, Inc.  
410-931-6600  
Fax 410-931-6601

REVISIONS


APPROVALS

*Demetrius Hill* 2/2/00  
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]* 02/03/00  
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]* 2/3/00  
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]* 02/08/00  
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 (Traffic Signal Plan)  
**US 1 at Perry Hall Market Place /Northview S.C. Entr.**

DRAWN BY: J. Dirndorfer	F.A.P. NO. N/A	TS NO. 3986
CHECKED BY: <i>[Signature]</i>	S.H.A. NO. BW996M82	SHEET NO. 1 OF 3
SCALE: 1" = 20'	COUNTY: Baltimore	T.I.M.S. NO. D-698
DATE: February 2, 2000	LOG MILE: 0.300102150	

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