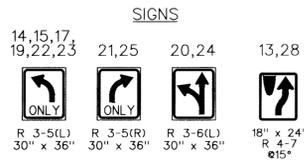
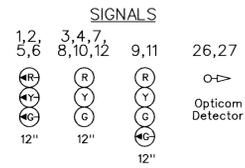


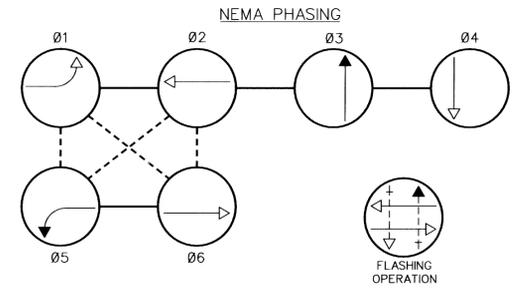
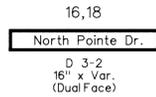
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



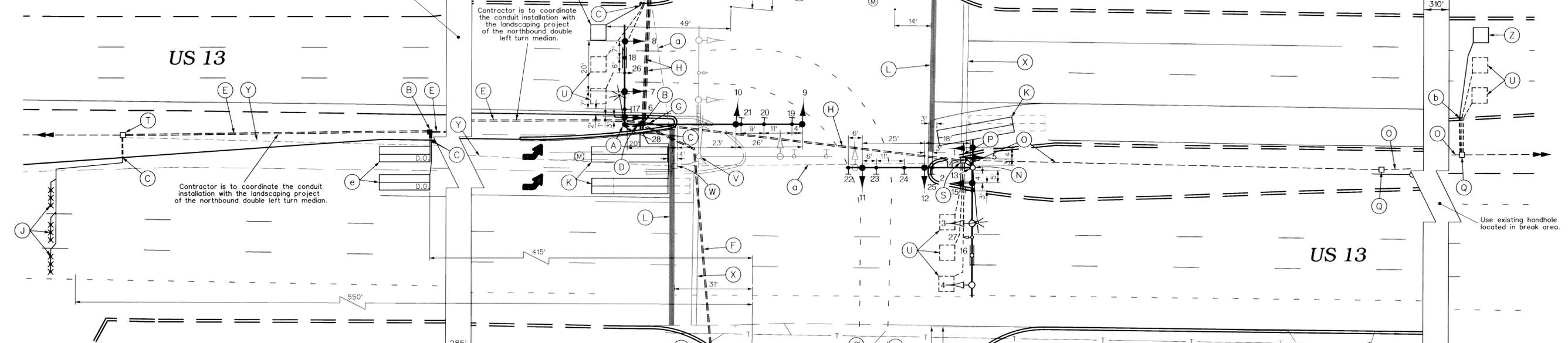
Note: Signal heads 3,4, Signs 13,16, and Opticom Detector 27 are existing.

Signal head 5 is existing and will be replaced.

Signal heads 1,2,6-12, Signs 14,15,17-25,28, and Opticom Detector 26 are proposed.



**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 27 ft. steel twin mast arm pole with 40 ft. mast arm [cut from 50 ft.], 70 ft. mast arm, vehicle signal heads, opticom detector eye, signs, 10 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 2 in. PVC conduit bend).
- 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.
- E. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- F. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- G. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- H. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- J. Install micro-loop probes (set of three).
- K. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- L. Install 24 in. wide pavement marking - white for stop line.
- M. Use existing cabinet/controller.
- N. Use existing mast arm pole and mast arms. Add/remove vehicle signal heads and signs as shown. Rerun through new conduit back to existing controller. Splice new loop wire for southbound left turn lane detector to existing aluminum shielded cable. Rerun through new conduit to existing controller.
- O. Use existing conduit.
- P. Use existing loop lead-in.
- Q. Use existing handhole.
- R. Use existing handhole. Splice new loop wire to existing aluminum shielded cable.
- S. Use existing handhole. Pull back existing interconnect cable and all electrical cables from the controller. Rerun through new conduit back to existing controller. Splice new loop wire for southbound left turn lane detector to existing aluminum shielded cable. Rerun through new conduit to existing controller.

- T. Use existing handhole. Pull back existing interconnect cable from the cabinet and rerun through new conduit back to existing controller.
- U. Use existing loop detector.
- V. Remove existing mast arm pole and all attached equipment.
- W. Remove existing handhole.
- X. Existing pavement markings to be removed by others.
- Y. Cap and abandon existing conduit.
- Z. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
- a. Existing conduit to be maintained during construction. Cap and abandon once new conduit is utilized.
- b. Install 1 in. galvanized steel conduit for loop detector lead-in.
- c. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
- d. Use existing cabinet/controller. Install 4-channel rack mounted detector retro-fit racks.
- e. Install 6 ft. x 20 ft. quadrupole type vehicle loop detector (3-6-3 turns).

GEOMETRIC LEGEND	
	EXISTING GEOMETRICS
	PROPOSED GEOMETRICS
UTILITY LEGEND	
	GAS MAIN
	WATER MAIN
	SEWER MAIN
	ELECTRIC CABLES
	STORM DRAIN
	AERIAL CABLES
	TELEPHONE CABLES

REVISIONS	APPROVALS
<p>February 6, 1998 Reconstruct to new geometrics S.H.A. No. BW9998B2 753</p>	<p>ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>CHIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>ASST. DISTRICT ENGINEER - TRAFFIC</p> <p>DIRECTOR, OFFICE OF TRAFFIC &amp; SAFETY</p>

- NOTES**
- "D.O." indicates delay output loop detector.
  - Geometrics shall be confirmed prior to the installation of signal equipment.
  - Loop detectors and conduits shall be installed prior to the installation of pavement markings.
  - 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.
  - Revision 'B' is a revision to the traffic signal built in February 2, 1993 under S.H.A. Contract No.:
  - 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 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.

**MDOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**

(Traffic Signal Plan)

**US 13 at North Pointe Drive / Depot Centre Entrance**

COUNTY: WICOMICO      LOG MILE • 22001312.53

DATE: February 2, 1993      F.A.P. NO. N/A      TS/STD. NO. 3297B

SCALE: 1" = 20'      S.H.A. NO.      SHEET NO. 2 of 4

**The Traffic Group**  
The Traffic Group, Inc.  
Suite 600  
40 W. Chesapeake Avenue  
Towson, Maryland 21284  
410-583-8405  
1-800-583-8411  
Fax: 410-321-8458  
Job No. 970808  
SIG2-LDGN