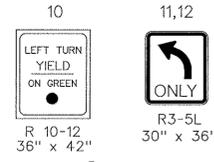
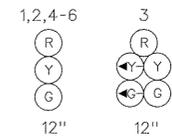
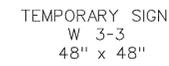
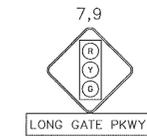


FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

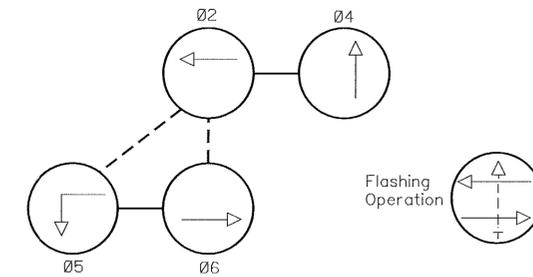
SIGNALS



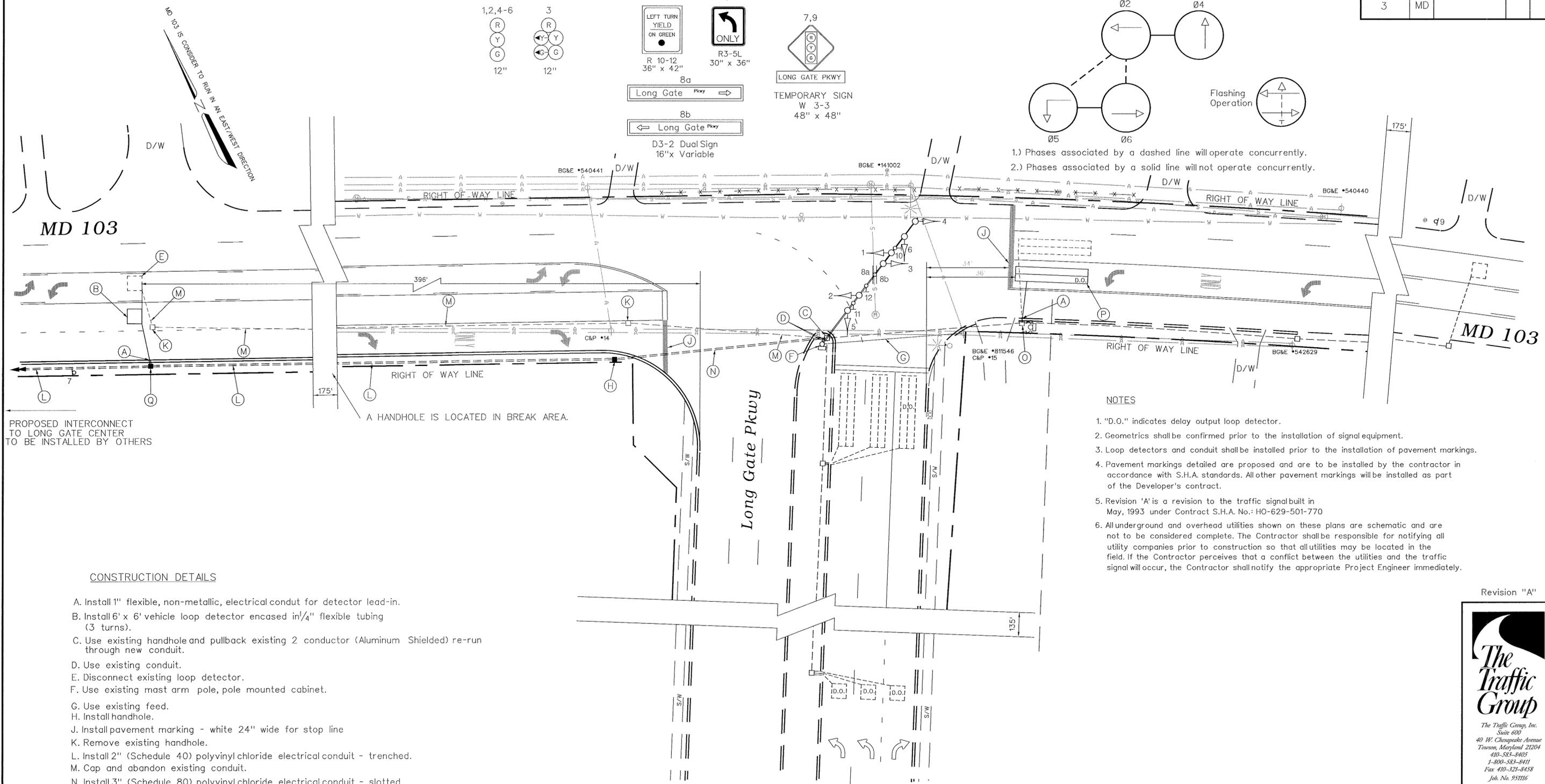
SIGNS



NEMA PHASING



- 1.) Phases associated by a dashed line will operate concurrently.
- 2.) Phases associated by a solid line will not operate concurrently.



PROPOSED INTERCONNECT TO LONG GATE CENTER TO BE INSTALLED BY OTHERS

NOTES

- 1. "D.O." indicates delay output loop detector.
- 2. Geometrics shall be confirmed prior to the installation of signal equipment.
- 3. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
- 4. 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 contract.
- 5. Revision 'A' is a revision to the traffic signal built in May, 1993 under Contract S.H.A. No.: HO-629-501-770
- 6. 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 will occur, the Contractor shall notify the appropriate Project Engineer immediately.

CONSTRUCTION DETAILS

- A. Install 1" flexible, non-metallic, electrical conduit for detector lead-in.
- B. Install 6' x 6' vehicle loop detector encased in 1/4" flexible tubing (3 turns).
- C. Use existing handhole and pullback existing 2 conductor (Aluminum Shielded) re-run through new conduit.
- D. Use existing conduit.
- E. Disconnect existing loop detector.
- F. Use existing mast arm pole, pole mounted cabinet.
- G. Use existing feed.
- H. Install handhole.
- J. Install pavement marking - white 24" wide for stop line
- K. Remove existing handhole.
- L. Install 2" (Schedule 40) polyvinyl chloride electrical conduit - trenched.
- M. Cap and abandon existing conduit.
- N. Install 3" (Schedule 80) polyvinyl chloride electrical conduit - slotted
- O. Use existing handhole and splice new loop wire to existing 2 conductor (aluminum shielded).
- P. Install 6' x 30' vehicle loop detector encased in 1/4" flexible tubing, quadrupole type (2-4-2 turns).
- Q. Install handhole and splice new loop wire to existing 2 conductor (aluminum shielded).

Revision "A"

The Traffic Group
 The Traffic Group, Inc.
 Suite 600
 40 W. Chesapeake Avenue
 Towson, Maryland 21204
 410-583-9025
 1-800-583-8411
 Fax: 410-521-8458
 Job No. 051116
 SIGPLAN2.DGN

GEOMETRIC LEGEND	REVISIONS	APPROVALS
——— EXISTING GEOMETRICS ——— PROPOSED GEOMETRICS		ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION ASST. DISTRICT ENGINEER - TRAFFIC DIRECTOR, OFFICE OF TRAFFIC & SAFETY
UTILITY LEGEND		
— c — c — 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		

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

DRAWN BY: J. Dirndorfer
 DES. BY: J. Dirndorfer
 CHK. BY:

DATE: April 22, 1993
 SCALE: 1" = 20'

F.A.P. NO. N/A
 S.H.A. NO. HO-829-501-770

COUNTY: HOWARD
 LOG MILE: 130103005.71

TS/STD. NO. 3335A
 SHEET NO. 1 of 2