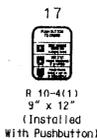


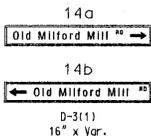
EXISTING SIGNS



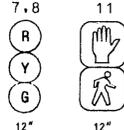
PROPOSED SIGNS



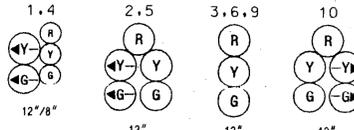
EXISTING SIGNS TO BE RELOCATED



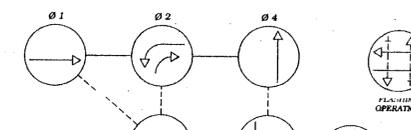
EXISTING SIGNALS



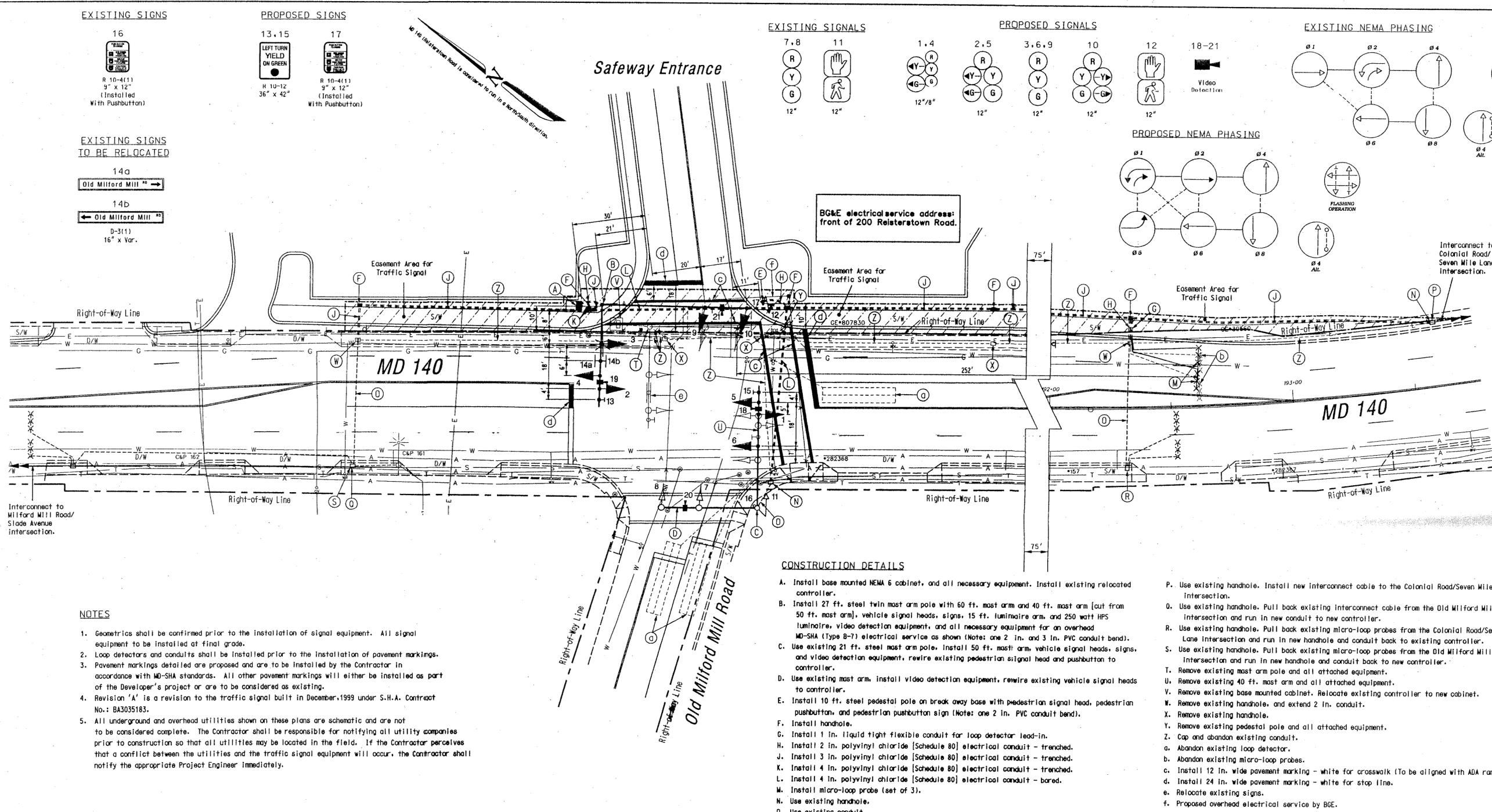
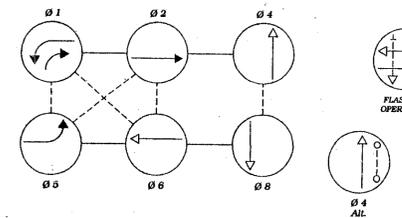
PROPOSED SIGNALS



EXISTING NEMA PHASING



PROPOSED NEMA PHASING



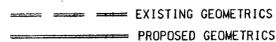
NOTES

- Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
- 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 MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
- Revision 'A' is a revision to the traffic signal built in December, 1999 under S.H.A. Contract No.: BA3035183.
- 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.

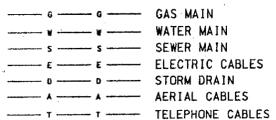
CONSTRUCTION DETAILS

- Install base mounted NEMA 6 cabinet, and all necessary equipment. Install existing relocated controller.
- Install 27 ft. steel twin mast arm pole with 60 ft. mast arm and 40 ft. mast arm [cut from 50 ft. mast arm], vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire, video detection equipment, and all necessary equipment for an overhead MD-SHA (Type B-7) electrical service as shown (Note: one 2 in. and 3 in. PVC conduit bend).
- Use existing 21 ft. steel mast arm pole, install 50 ft. mast arm, vehicle signal heads, signs, and video detection equipment, rewire existing pedestrian signal head and pushbutton to controller.
- Use existing mast arm, install video detection equipment, rewire existing vehicle signal heads to controller.
- 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).
- Install handhole.
- Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- Install micro-loop probe (set of 3).
- Use existing handhole.
- Use existing conduit.
- Use existing handhole. Install new interconnect cable to the Colonial Road/Seven Mile Lane Intersection.
- Use existing handhole. Pull back existing interconnect cable from the Old Milford Mill Road Intersection and run in new conduit to new controller.
- Use existing handhole. Pull back existing micro-loop probes from the Colonial Road/Seven Mile Lane Intersection and run in new handhole and conduit back to existing controller.
- Use existing handhole. Pull back existing micro-loop probes from the Old Milford Mill Road Intersection and run in new handhole and conduit back to new controller.
- Remove existing mast arm pole and all attached equipment.
- Remove existing 40 ft. mast arm and all attached equipment.
- Remove existing base mounted cabinet. Relocate existing controller to new cabinet.
- Remove existing handhole, and extend 2 in. conduit.
- Remove existing handhole.
- Remove existing pedestal pole and all attached equipment.
- Cap and abandon existing conduit.
- Abandon existing loop detector.
- Abandon existing micro-loop probes.
- Install 12 in. wide pavement marking - white for crosswalk (To be aligned with ADA ramps).
- Install 24 in. wide pavement marking - white for stop line.
- Relocate existing signs.
- Proposed overhead electrical service by BGE.

GEOMETRIC LEGEND



UTILITY LEGEND



Revision "A"	REVISIONS	APPROVALS
 The Traffic Group, Inc. 410-931-6600 Fax 410-931-6601	May 1, 2002 Geometric change, signal modification S.H.A. No. BA3035183 FDB: [initials]	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 (Traffic Signal Plan)
MD 140 at Old Milford Mill Road/Safeway Entr.

DRAWN BY: JES/FJH	F.A.P. NO. N/A	TS NO. 3956-A	SHEET NO. 1 OF 2
CHECKED BY: M. Rucker	S.H.A. NO. BA3035183	T.I.M.S. NO. F169	
SCALE: 1" = 20'	COUNTY: Baltimore		
DATE: December 2, 1999	LOG MILE: 03014000.19		

1:2001/2001/1008/03/05/01/2002