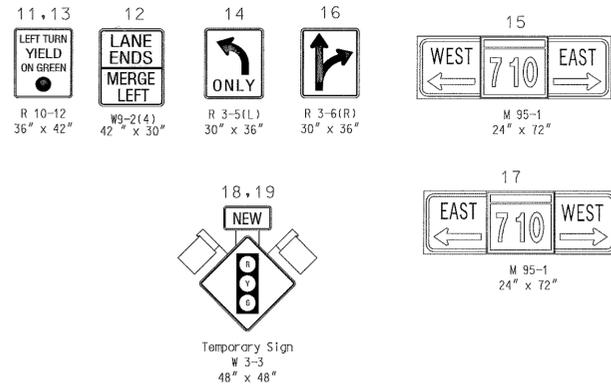
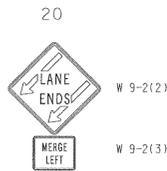


Home Depot Entrance

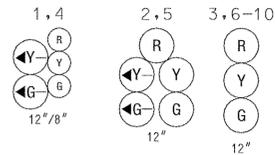
PROPOSED SIGNS



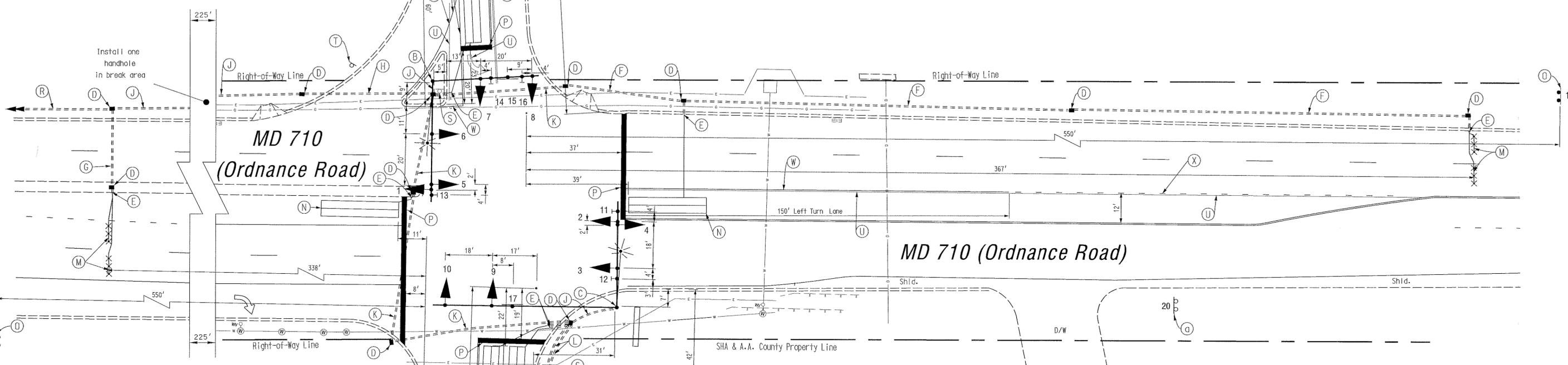
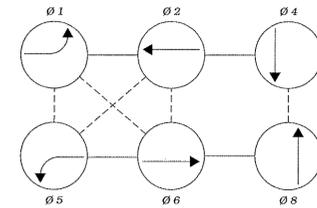
EXISTING SIGNS



PROPOSED SIGNALS



PROPOSED NEMA PHASING



CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA Type B-6 service.
- B. Install 27 ft. twin steel mast arm pole with a 50 ft. and 40 ft. (cut from a 50 ft.) mast arms, vehicle signal heads, signs, 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- C. Install 27 ft. steel twin mast arm pole with a 70 ft. and a 40 ft. (cut from a 50 ft.) mast arms, vehicle signal heads, signs, 20 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 - bored.
- H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- L. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- M. Install micro-loop probe (set of 3).
- N. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- O. Install ground mounted sign as shown.
- P. Install 24 in. wide pavement marking - white for stop line.
- Q. Proposed underground electrical service by BGE.
- R. Installed as part of Interconnect Plan.
- S. Remove existing Stop sign.
- T. Existing yield sign to remain.
- U. Grind out existing pavement markings.
- V. Install pavement marking as shown.
- W. Install 5 in. wide solid white pavement marking for lane line.
- X. Install 5 in. wide broken white pavement marking (2 ft. segment-6 ft. gap) for lane line.
- Y. Install 5 in. wide solid double yellow pavement for center line.
- Z. Tie to existing pavement markings.
- a. Selective tree trimming around sign.

NOTES

1. 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 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 —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— D —	STORM DRAIN
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES



REVISIONS	APPROVALS
	 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 7/17/00 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 7-17-00 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 7-17-00 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 (Traffic Signal Plan)
MD 710 (Ordnance Road) at George Bachman Park Entr./Home Depot Entr.

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. 4013
CHECKED BY: [Signature]	S.H.A. NO. 0210326/018510	SHEET NO.
SCALE: 1" = 20'	COUNTY: Anne Arundel	T.I.M.S. NO. D780
DATE: June 21, 2000	LOG MILE:	1 OF 3

13:070727.04/vees/asp/eng-21 JUN 2000