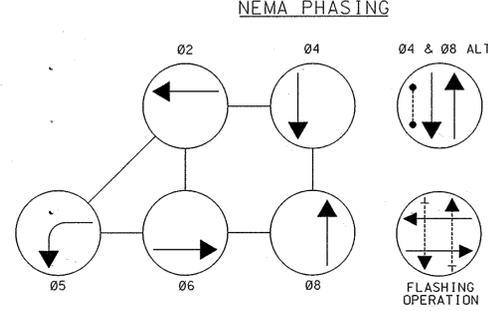
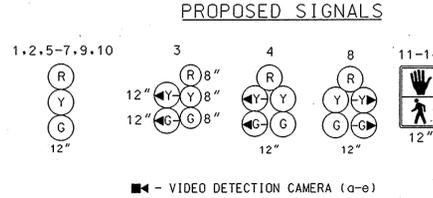
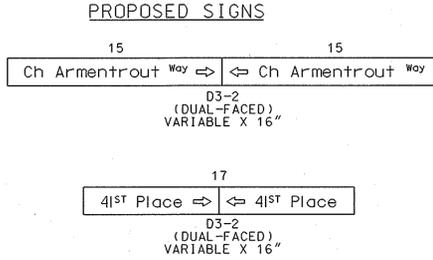
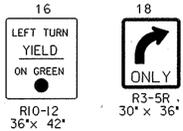
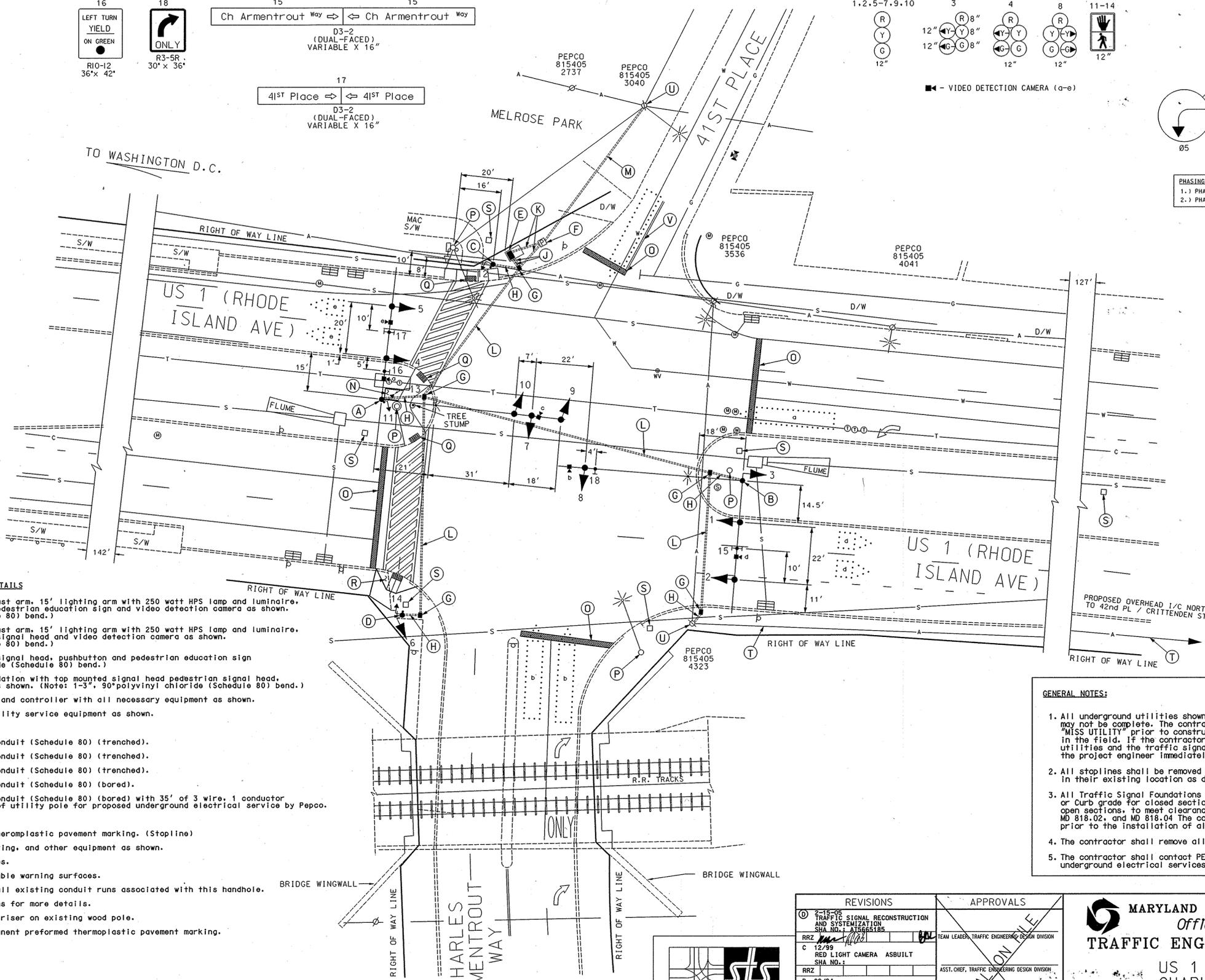


US 1 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

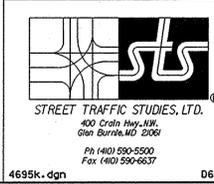
- A. Install 27' steel pole with twin 50'/70' mast arm, 15' lighting arm with 250 watt HPS lamp and luminaire, traffic signal heads, signs, pushbutton, pedestrian education sign and video detection camera as shown. Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.
- B. Install 27' steel pole with twin 50'/70' mast arm, 15' lighting arm with 250 watt HPS lamp and luminaire, traffic signal heads, signs, side mounted signal head and video detection camera as shown. Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.
- C. Install 10' pedestal pole with pedestrian signal head, pushbutton and pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- D. Install 14' pedestal pole on existing foundation with top mounted signal head pedestrian signal head, pushbutton and pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- E. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
- F. Install metered pedestal for electrical utility service equipment as shown.
- G. Install handhole.
- H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- K. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- M. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored) with 35' of 3 wire, 1 conductor (No. 250 KCMIL) for power service to base of utility pole for proposed underground electrical service by Pepco.
- N. Install 4" concrete sidewalk as shown.
- O. Install 24" white heat applied preformed thermoplastic pavement marking. (Stipline)
- P. Remove existing strain pole, associated wiring, and other equipment as shown.
- Q. Install proposed detectable warning surfaces.
- R. Install proposed handicap ramp with detectable warning surfaces.
- S. Remove existing handhole, cap and abandon all existing conduit runs associated with this handhole.
- T. Proposed interconnect see interconnect plans for more details.
- U. The contractor shall install 3" galvanized riser on existing therm pole.
- V. Install 5" (DB/Y) yellow heat applied permanent preformed thermoplastic pavement marking.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" 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 project engineer immediately so that the conflict may be resolved.
2. All stiplines shall be removed by the contractor and are to be replaced in their existing location as detailed in accordance with SHA standards.
3. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 the contractor shall verify ultimate grades prior to the installation of all signal equipment.
4. The contractor shall remove all unused wiring.
5. The contractor shall contact PEPCO for removal of all existing overhead or underground electrical services after proposed signal is operational.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	----

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—



REVISIONS	
2-15-08	TRAFFIC SIGNAL RECONSTRUCTION AND SYSTEMIZATION SHA NO. AT565185
12/99	RED LIGHT CAMERA ASBUILT SHA NO.:
02/94	ASBUILT SHA NO.:
01/94	INSTALL PED. PHASE FOR SOUTH LEG OF INTERSECTION SHA # 855-25042143

APPROVALS	
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

US 1 AND 41ST PLACE / CHARLES ARMENTROUT WAY

DRAWN BY: D.J. DODA	F.A.P. NO. 2545D	TS NO. 2545D	SHEET NO. 1 OF 2
CHECKED BY: ZIAD A. SABRA	S.H.A. NO. PRINCE GEORGES	T.I.M.S. NO. G633	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGES	LOG MILE: 16000101.23	
DATE: 2/24/89			