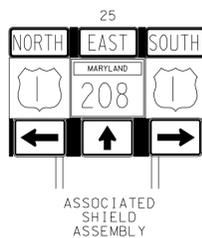
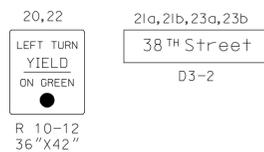
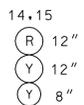


NOTE: US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

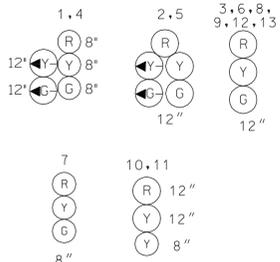
EXISTING SIGNS



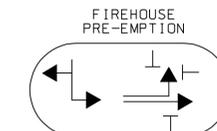
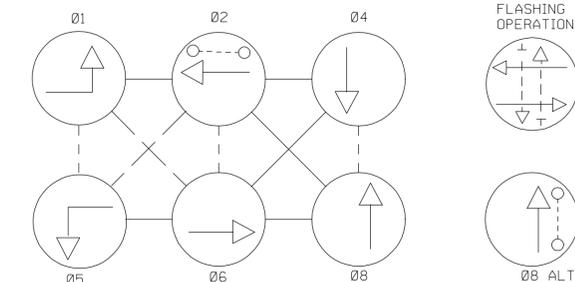
PROPOSED SIGNALS



EXISTING SIGNALS

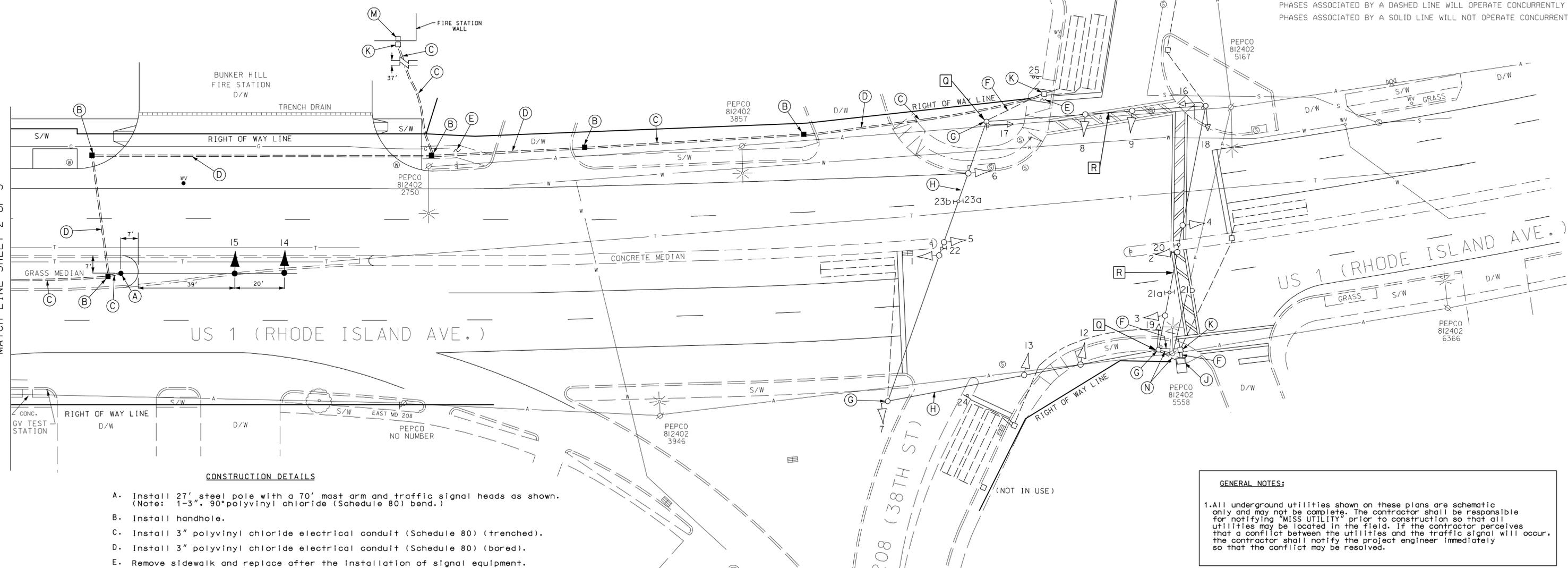


NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MATCH LINE SHEET 2 OF 3



CONSTRUCTION DETAILS

- A. Install 27' steel pole with a 70' mast arm and traffic signal heads as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install handhole.
- C. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- E. Remove sidewalk and replace after the installation of signal equipment.
- F. Use existing conduit.
- G. Use existing strain pole.
- H. Use existing span wire.
- J. Use existing base-mounted cabinet and controller. (The SHA signal shop shall install two (2) relay packages and a NEMA load switch for the pre-emption operation.)
- K. Use existing handhole.
- M. Use existing junction box in firehouse (See wiring diagram).
- N. Existing electrical service to be maintained by PEPCO.
- Q. INSTALL 3" WEATHER HEAD ON EXISTING POLE
- R. ADJUST AND RERING EXISTING SPAN

**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.

1 REDLINE REVISION 10/15/2003

**GEOMETRIC LEGEND**

PROPOSED	---
EXISTING	---

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

REVISION "C"

STREET TRAFFIC STUDIES, LTD.  
400 Crain Hwy., NW  
Creston, MD 20624  
PH (410) 590-5500  
FAX (410) 590-6637

REVISIONS	APPROVALS
© ADD FIREHOUSE SIGNAL AND I/C SHA #XX1065285 REDLINE 10/2003 RRZ B 2/96 REPLACE DAMAGED CONDUIT & DETECTION SHA NO.: P 146-501-383 RCS A INSTALL E/P LT NB & SB US 1	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 @ MD 208 (38 TH STREET)  
US 1 @ BUNKER HILL FIRE STATION

DRAWN BY:	F.A.P. NO.:	TS NO.
CHECKED BY:	S.H.A. NO.:	TS 240C
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. E 913
DATE: 9/90	LOG MILE:	SHEET NO. 1 OF 3