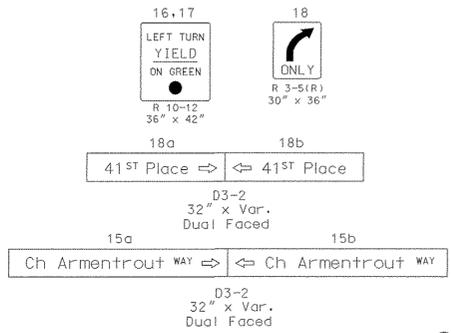
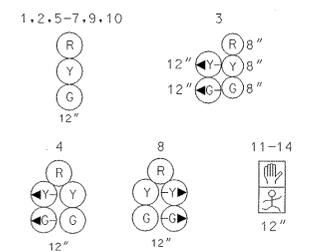


US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

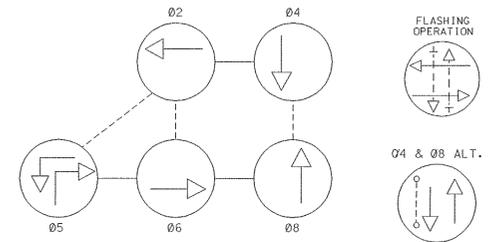
**SIGNS**



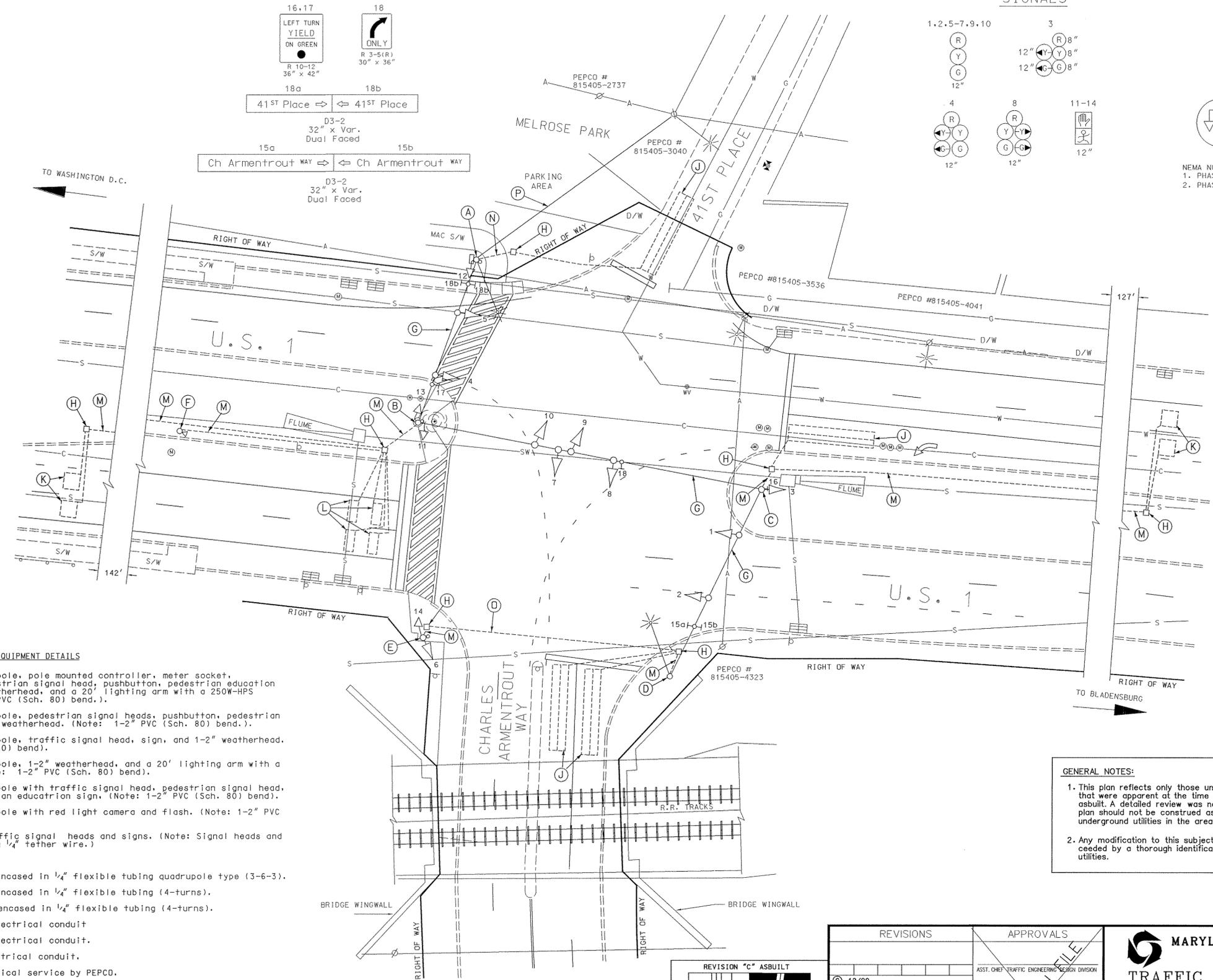
**SIGNALS**



**NEMA PHASING**



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



**EQUIPMENT DETAILS**

- A. 12" x 30' steel strain pole, pole mounted controller, meter socket, disconnect switch, pedestrian signal head, pushbutton, pedestrian education sign, 1-2" and 1-3" weatherhead, and a 20' lighting arm with a 250W-HPS luminaire (Note: 1-4" PVC (Sch. 80) bend.).
- B. 12" x 30' steel strain pole, pedestrian signal heads, pushbutton, pedestrian education sign and 1-2" weatherhead. (Note: 1-2" PVC (Sch. 80) bend.).
- C. 12" x 30' steel strain pole, traffic signal head, sign, and 1-2" weatherhead. (Note: 1-2" PVC (Sch. 80) bend.).
- D. 12" x 30' steel strain pole, 1-2" weatherhead, and a 20' lighting arm with a 250W-HPS luminaire (Note: 1-2" PVC (Sch. 80) bend.).
- E. 10' breakaway pedestal pole with traffic signal head, pedestrian signal head, pushbutton, and pedestrian education sign. (Note: 1-2" PVC (Sch. 80) bend.).
- F. 10' breakaway pedestal pole with red light camera and flash. (Note: 1-2" PVC (Sch. 80) bend.).
- G. 3/8" steel span wire, traffic signal heads and signs. (Note: Signal heads and signs are tethered using 1/4" tether wire.)
- H. Handhole.
- J. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
- K. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).
- L. 3 1/2' x 8' loop detector encased in 1/4" flexible tubing (4-turns).
- M. 2" polyvinyl chloride electrical conduit
- N. 4" polyvinyl chloride electrical conduit.
- O. 2" galvanized steel electrical conduit.
- P. Existing overhead electrical service by PEPCO.

**GENERAL NOTES:**  
 1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.  
 2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

**UTILITY LEGEND**

|     |                  |
|-----|------------------|
| —G— | GAS MAIN         |
| —W— | WATER MAIN       |
| —S— | SEWER MAIN       |
| —E— | ELECTRIC MAIN    |
| —A— | AERIAL CABLES    |
| —T— | TELEPHONE CABLES |

REVISION "C" ASBUILT

STREET TRAFFIC STUDIES, LTD.  
 400 Crain Hwy. NW  
 Glen Burnie, MD 21061  
 Ph (410) 590-5500 Fax (410) 590-6637  
 3687.DGN

| REVISIONS   | APPROVALS                                       |
|---|---|
| © 12/99<br>RED LIGHT CAMERA ASBUILT   | ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION |
| RRZ   | ASST. DISTRICT ENGINEER, TRAFFIC                |
| B 02/94<br>ASBUILT  | CHIEF TRAFFIC ENGINEERING DESIGN DIVISION       |
| WM  | DIRECTOR, TRAFFIC & SAFETY                      |
| A 01/94 - INSTALL PED. PHASE FOR SOUTH LEG OF INTERSECTION SHA # 855-25042143 |   |
| WM  |   |

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 U.S. 1 AND 41ST PLACE/  
 CHARLES ARMENTROUT WAY

|                           |                                      |               |                  |
|---------------------------|--------------------------------------|---------------|------------------|
| DRAWN BY: D.J.DODA        | F.A.P. NO. S.H.A. NO. BW-213-801-312 | TS NO. 2545 C | SHEET NO. 1 OF 1 |
| CHECKED BY: ZIAD A. SABRA | COUNTY: PRINCE GEORGES               | T.I.M.S. NO.  |                  |
| SCALE: 1" = 20'           | LOG MILE: 16000101.23                |               |                  |
| DATE: 2/24/89             |                                      |               |                  |

REV. 2 & 888