

U.S. 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

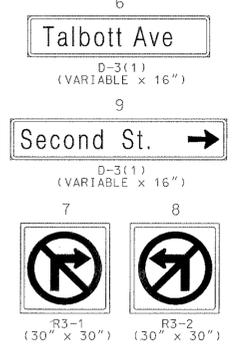
**GENERAL NOTES**

1. CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO INSTALLATION OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
2. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL MARKING AND SIGNING DETAILS.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
5. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE FROM EXISTING CONDUIT.

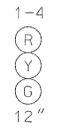
**PROPOSED SIGN**



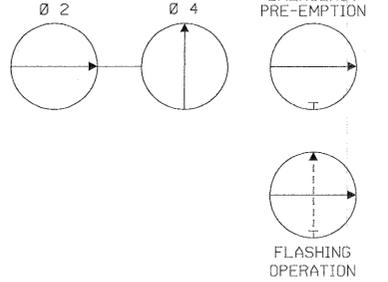
**EXISTING SIGNS**



**EXISTING SIGNALS**

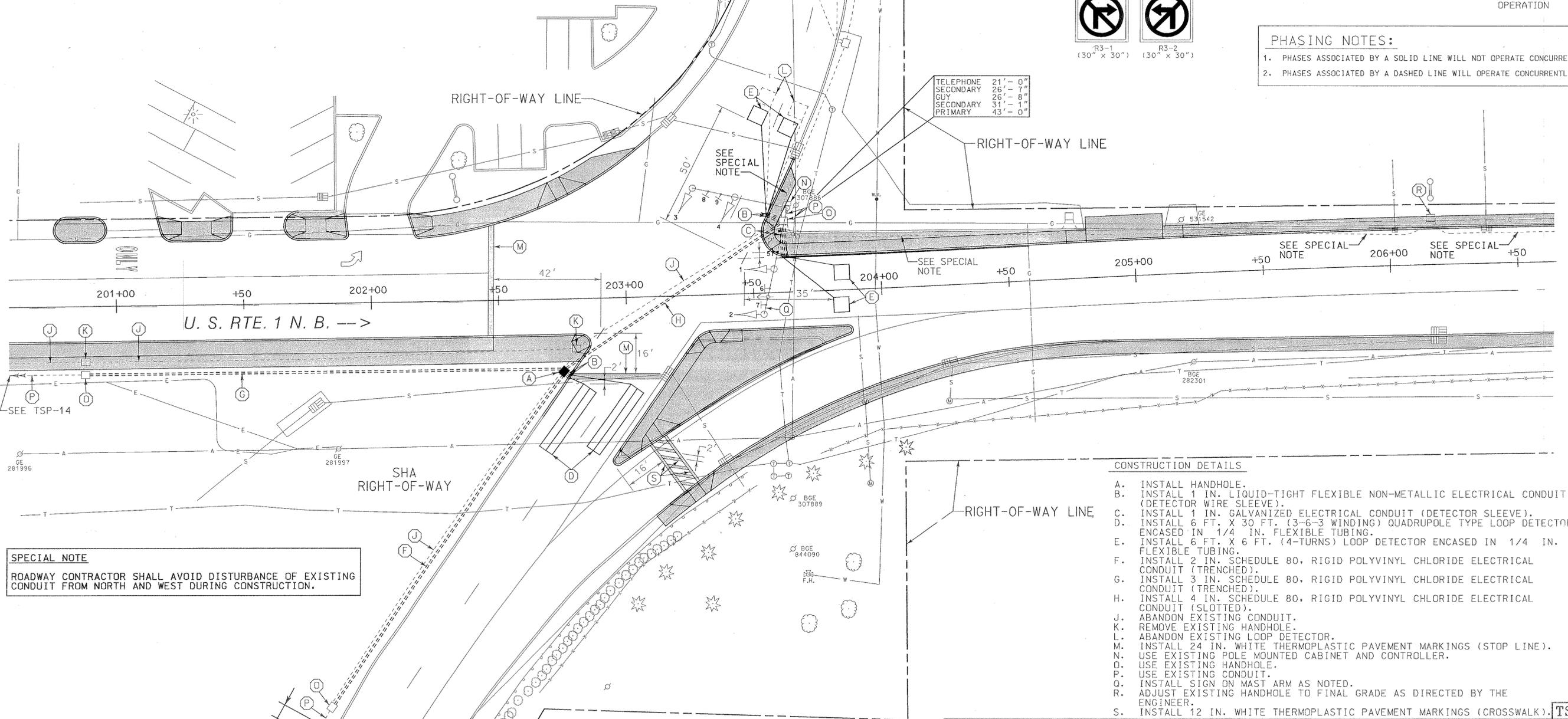


**NEMA PHASING**



**PHASING NOTES:**

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



**SPECIAL NOTE**  
ROADWAY CONTRACTOR SHALL AVOID DISTURBANCE OF EXISTING CONDUIT FROM NORTH AND WEST DURING CONSTRUCTION.

**CONSTRUCTION DETAILS**

1. INSTALL HANDHOLE.
2. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
3. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR SLEEVE).
4. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
5. INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
6. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
7. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
8. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
9. ABANDON EXISTING CONDUIT.
10. REMOVE EXISTING HANDHOLE.
11. ABANDON EXISTING LOOP DETECTOR.
12. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
13. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
14. USE EXISTING HANDHOLE.
15. USE EXISTING CONDUIT.
16. INSTALL SIGN ON MAST ARM AS NOTED.
17. ADJUST EXISTING HANDHOLE TO FINAL GRADE AS DIRECTED BY THE ENGINEER.
18. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (CROSSWALK).

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

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

**WR&A**  
Whitman, Reardon  
and Associates, LLP  
2315 Saint Paul Street  
Baltimore, Maryland 21218  
(410) 235-3450

REVISIONS	APPROVALS
(B) REPLACE LOOPS AND CONDUIT DUE TO GEOMETRIC IMPROVEMENTS 11/99 NML [Signature] (A) ADD OPTICOM DETECTOR PRE-EMPTION 3/99 MAR [Signature]	TEAM LEADER, TRAFFIC ENG. DESIGN DIVISION ASST. CHIEF, TRAFFIC ENG. DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TRAFFIC SIGNALIZATION PLAN  
U.S. 1 NB AND MD 198 WB (TALBOTT AVE.)

DRAWN BY: G. COOK	F.A.P. NO. P586-501-385	TS NO. TS-16358
CHECKED BY: W. GUCKERT	S.H.A. NO. PRINCE GEORGE'S	SHEET NO. 127 OF 162
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. 127 OF 162
DATE: 7-28-72	LOG MILE: *6000113.69	