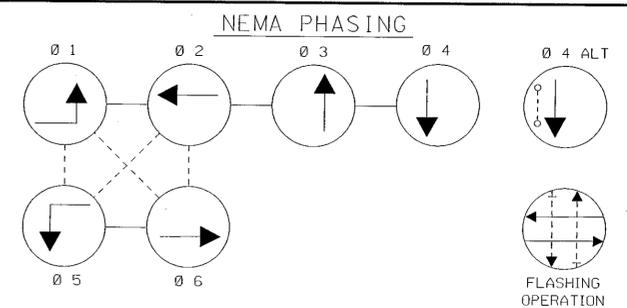
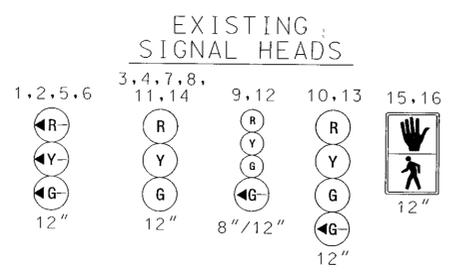
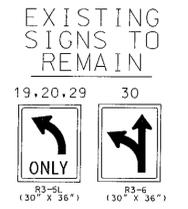
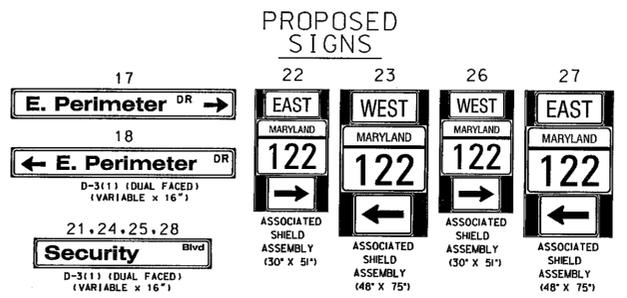
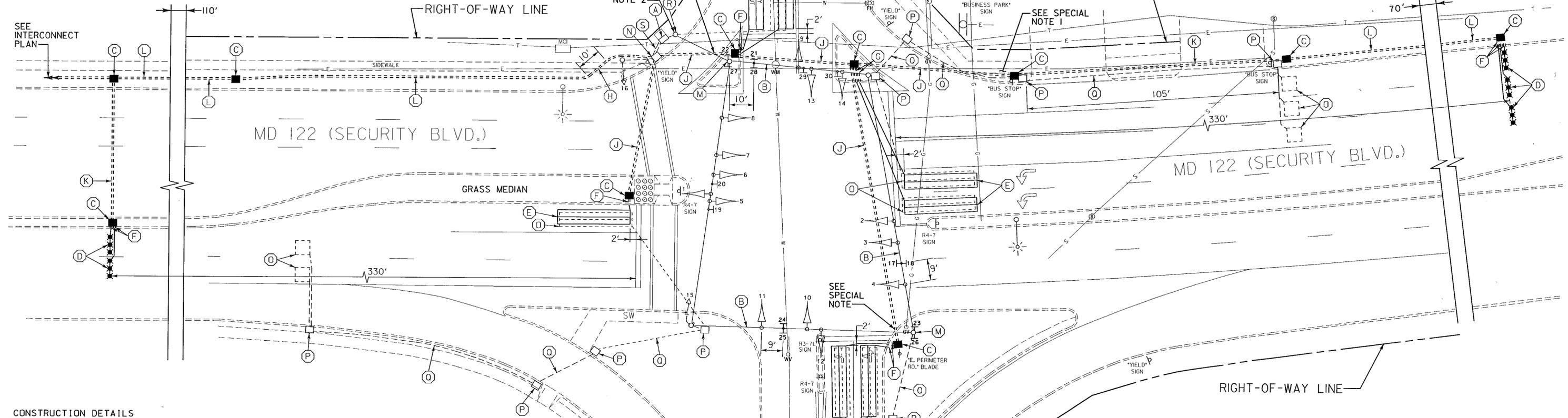


MD 122 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



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



- CONSTRUCTION DETAILS**
- A. USE EXISTING BASE-MOUNTED CABINET AND CONTROLLER.
  - B. INSTALL SIGNS ON EXISTING SPAN WIRE AS SHOWN.
  - C. INSTALL HANDHOLE.
  - D. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN.
  - E. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
  - F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
  - G. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
  - H. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT TUNNELED UNDER SIDEWALK.
  - J. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
  - K. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
  - L. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
  - M. INSTALL SHIELD ASSEMBLY SIGNS ON EXISTING STRAIN POLE.
  - N. USE EXISTING HANDHOLE.
  - O. ABANDON EXISTING LOOP DETECTOR.
  - P. REMOVE EXISTING HANDHOLE.
  - Q. CAP AND ABANDON EXISTING CONDUIT.
  - R. USE EXISTING STRAIN POLE AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT AND REMOVE EXISTING CONTROL AND DISTRIBUTION EQUIPMENT.
  - S. USE EXISTING CONDUIT.

- GENERAL NOTES**
1. 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.
  2. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
  3. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

- SPECIAL NOTES:**
1. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
  2. THE CONTRACTOR SHALL COORDINATE WITH BGE REPRESENTATIVE WHEN UPGRADING CONTROL AND DISTRIBUTION EQUIPMENT. A SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— SS —
STORM DRAIN	— SD —
WATER	— W —
CABLE TV	— TV —

**WR&A**  
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 Baltimore, Maryland 21231  
 (410) 235-3450

REVISIONS		APPROVALS	
(E)	REPLACE LOOP DETECTORS AND ADDED MICROLOOP PROBES XX1085185 7/01/03		
(D)	REVISED PHASING TO SPLIT ON SIDE STREETS 01/02		
(C)	CHG TO BOX SPAN MOVE PEDS TO W/LEG 10/06/87		
(A)	ADD PED SIGNALS REV SIGNAL LENSES 3/07/84		

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 TRAFFIC SIGNALIZATION PLAN  
 MD 122 (SECURITY BLVD.) AND E. PERIMETER DRIVE

DRAWN BY: CPM  
 CHECKED BY: CPM, EZF  
 SCALE: 1" = 20'  
 DATE: 11/1/78

F.A.P. NO. BA766B5G  
 S.H.A. NO. BALTIMORE  
 COUNTY: BALTIMORE  
 LOG MILE: 0301.230.485

TS NO. TS-129E  
 T.I.M.S. NO. E449  
 SHEET NO. OF

TSP-7