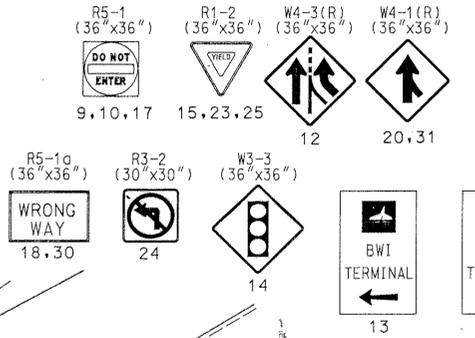
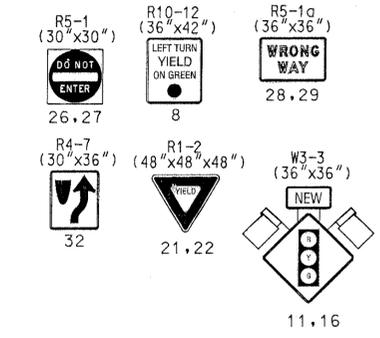


MD 170 IS ASSUMED TO RUN IN AN NORTH/SOUTH DIRECTION

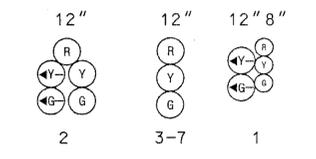
EXISTING SIGNS



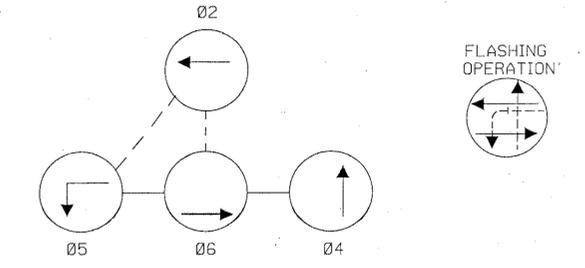
PROPOSED SIGNS



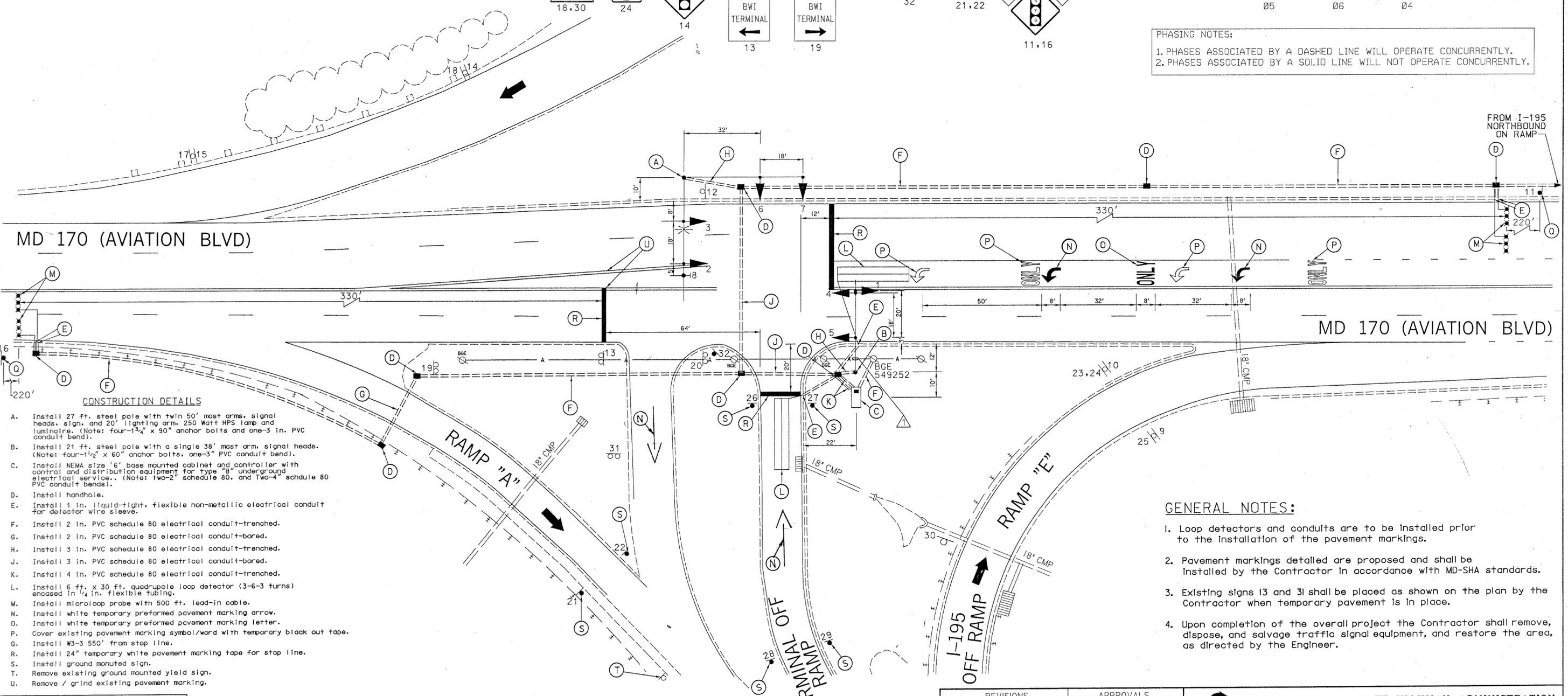
PROPOSED SIGNALS



NEMA PHASING



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 ft. steel pole with twin 50' mast arms, signal heads, sign, and 20' lighting arm, 250 Watt HPS lamp and luminaire. (Note: four-1 1/2" x 90" anchor bolts and one-3 in. PVC conduit bend).
 - B. Install 21 ft. steel pole with a single 38' mast arm, signal heads. (Note: four-1 1/2" x 60" anchor bolts, one-3" PVC conduit bend).
 - C. Install NEMA size '6' base mounted cabinet and controller with control and distribution equipment for type "B" underground electrical service. (Note: two-2" schedule 80, and two-4" schedule 80 PVC conduit bends).
 - D. Install handhole.
 - E. Install 1 in. liquid-tight, flexible non-metallic electrical conduit for detector wire sleeve.
 - F. Install 2 in. PVC schedule 80 electrical conduit-trenched.
 - G. Install 2 in. PVC schedule 80 electrical conduit-bored.
 - H. Install 3 in. PVC schedule 80 electrical conduit-trenched.
 - J. Install 3 in. PVC schedule 80 electrical conduit-bored.
 - K. Install 4 in. PVC schedule 80 electrical conduit-trenched.
 - L. Install 6 ft. x 30 ft. quadrupole loop detector (3-6-3 turns) encased in 1/4 in. flexible tubing.
 - M. Install microloop probe with 500 ft. lead-in cable.
 - N. Install white temporary preformed pavement marking arrow.
 - O. Install white temporary preformed pavement marking letter.
 - P. Cover existing pavement marking symbol/word with temporary black out tape.
 - Q. Install W3-3 550' from stop line.
 - R. Install 24" temporary white pavement marking tape for stop line.
 - S. Install ground mounted sign.
 - T. Remove existing ground mounted yield sign.
 - U. Remove / grind existing pavement marking.

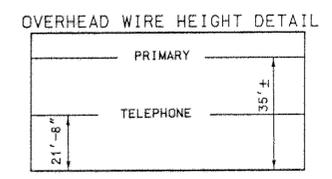
- GENERAL NOTES:**
1. Loop detectors and conduits are to be installed prior to the installation of the pavement markings.
 2. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with MD-SHA standards.
 3. Existing signs 13 and 31 shall be placed as shown on the plan by the Contractor when temporary pavement is in place.
 4. Upon completion of the overall project the Contractor shall remove, dispose, and salvage traffic signal equipment, and restore the area, as directed by the Engineer.

GEOMETRIC LEGEND

----- EXISTING
 ===== PROPOSED

UTILITY LEGEND

SD - SD STORM DRAIN
 G - G GAS MAIN
 W - W WATER MAIN
 S - S SEWER MAIN
 E - E ELECTRIC CABLES
 A - A AERIAL CABLES
 T - T TELEPHONE CABLES



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REVISIONS	APPROVALS
	<i>Misty B...</i> 9-7-00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 9-11-00 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 9-11-00 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 10/15/00 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 TEMPORARY TRAFFIC SIGNAL PLAN
 MD 170 AT I-195 NORTHBOUND ON RAMP

DRAWN BY: JAMES ALLEN JR.	F.A.P. NO. _____	TS NO. 4032	SHEET NO. _____
CHECKED BY: D. PETERS	S.H.A. NO. _____	T.I.M.S. NO. E 204	OF _____
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	LOG MILE: 02017007.40	
DATE: JUNE, 2000			