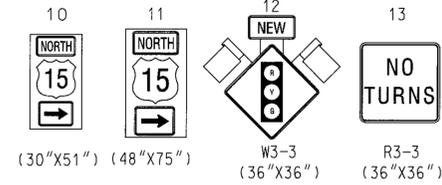
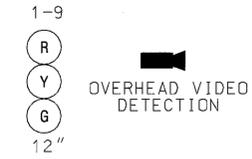


US 15 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

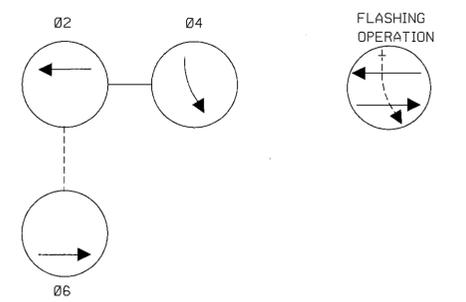
PROPOSED SIGNS



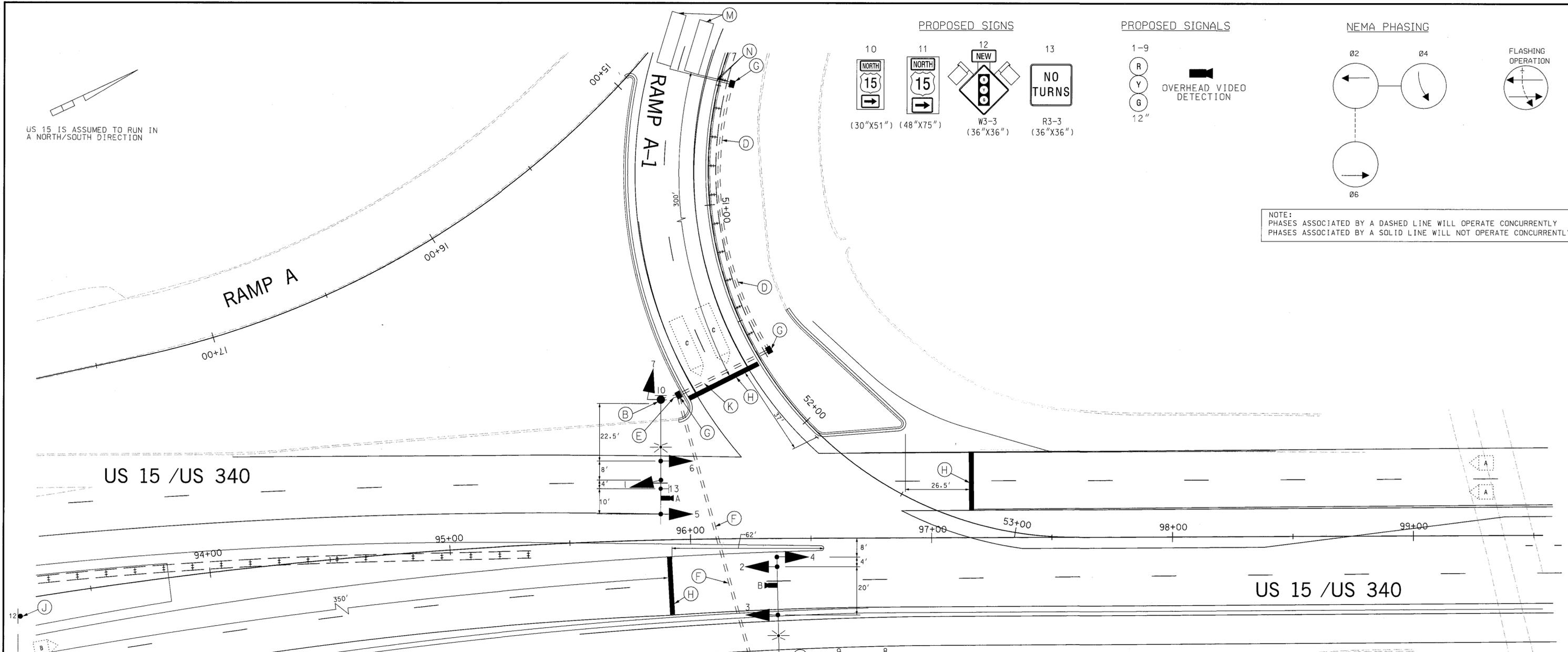
PROPOSED SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 MAST ARMS WITH SIGNAL HEADS AND 250 WATT HPS LUMINAIRE AND 15' LIGHTING ARM, OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1 3/4 IN. X 90 IN. ANCHOR BOLTS.) STA. 96+31 RT 57'
- B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM, SIGNAL HEADS OVERHEAD VIDEO DETECTION, AND 250 WATT HPS LUMINAIRE AND 15' LIGHTING ARM. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR- 1 3/4 IN. X 90 IN. ANCHOR BOLTS). STA 95+88 LT 58'
- C. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA 96+40 RT72'
- D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.
- F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- SLOTTED.
- G. INSTALL HANDHOLE.
- H. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
- J. INSTALL GROUND MOUNTED W3-3 AS SHOWN ON THE PLANS
- K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 2 IN. PVC SCHEDULE 80 CONDUIT BEND AT THE BOTTOM OF UTILITY POLE AND COIL UP 35 FT OF SLACK CABLE WITH PULL STRING.
- M. INSTALL 6 FT X 22 FT. LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING. (3 TURNS)
- N. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)

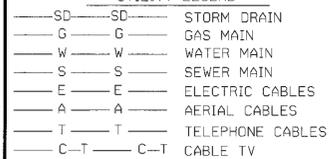
GENERAL NOTES

1. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with MD-SHA standards.
2. Video Camera Location / aligning shall be coordinated with the SHA Engineer.
3. Contractor shall verify all proposed pole and cabinet locations, prior to installation.
4. For Final pavement markings refer to project pavement markings plans.

GEOMETRIC LEGEND



UTILITY LEGEND



REVISIONS

APPROVALS

REVISIONS	APPROVALS
	<i>Michael Root 11-5-01</i> TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 4-5-01 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

US 15 / US 340 @ JEFFERSON STREET OFF RAMP

DRAWN BY: JAMES ALLEN JR.	F.A.P. NO. FR4095187	TS NO. 4142	SHEET NO.
CHECKED BY: S.R. [Signature]	S.H.A. NO. FREDERICK	T.I.M.S. NO. E 753	28 OF 48
SCALE: 1" = 20'	COUNTY: FREDERICK	LOG MILE:	
DATE: SEPTEMBER, 2001			

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