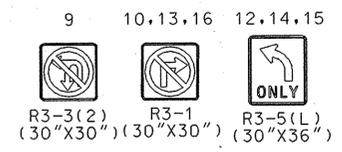


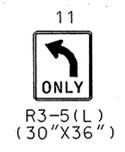


MD 24 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

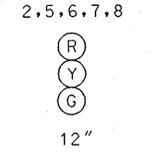
EXISTING SIGNS



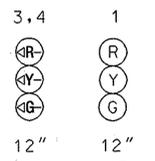
PROPOSED SIGNS



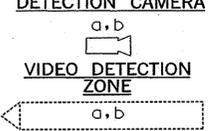
EXISTING LED SIGNALS



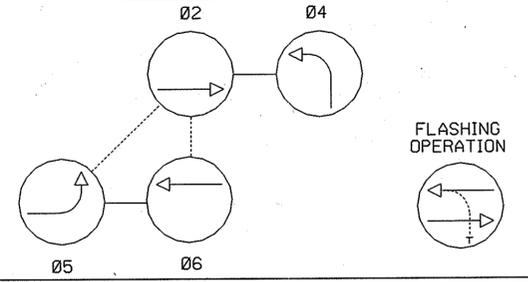
EXISTING LED SIGNALS TO BE RELOCATED



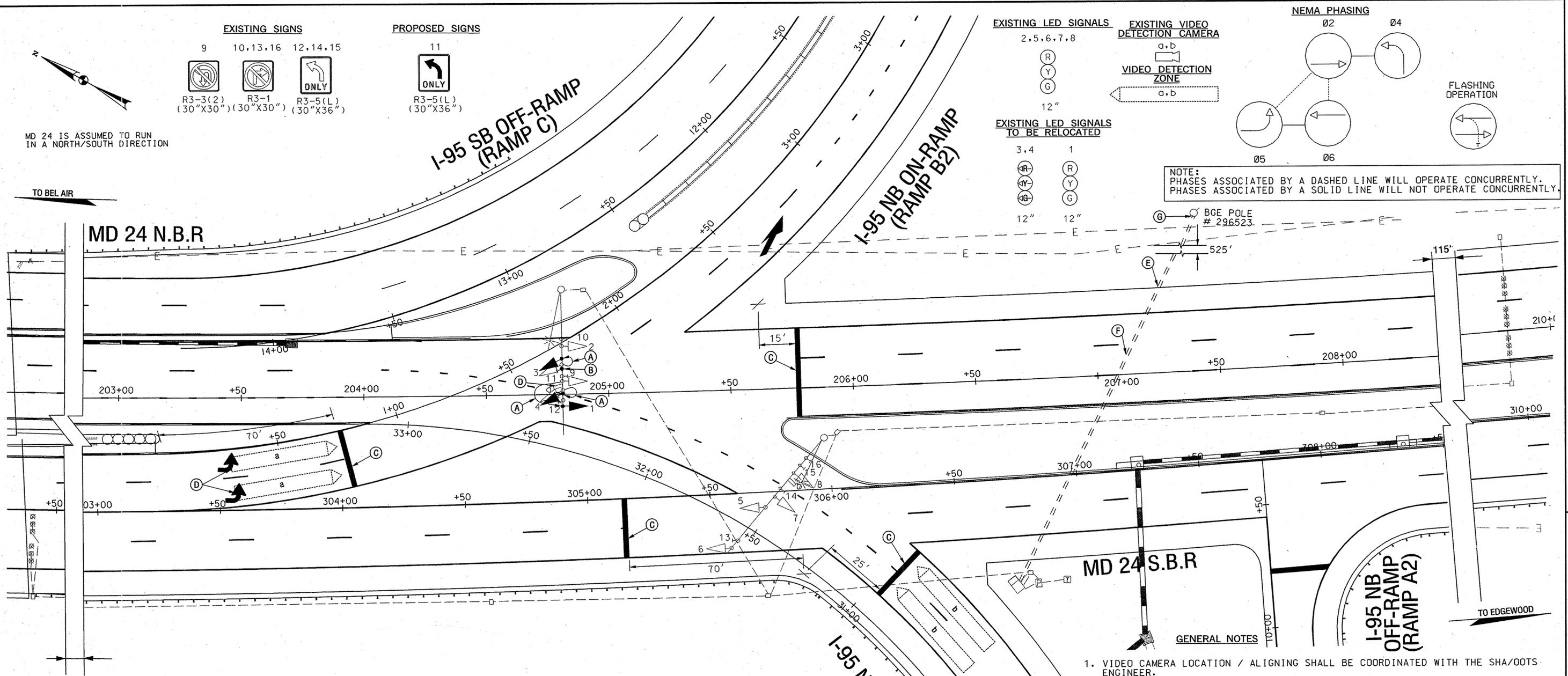
EXISTING VIDEO DETECTION CAMERA



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. RELOCATE EXISTING SIGNAL HEAD AS SHOWN.
- B. INSTALL SIGN ON EXISTING MAST ARM.
- C. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- D. ADJUST VIDEO DETECTION ZONE.
- E. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- G. PROVIDE 90 DEGREE CONDUIT BEND TO STUB-UP AT THE BASE OF BGE UTILITY POLE # 296523. INSTALL STUB-UP 1 FT. ABOVE THE GRADE.

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA/OOTS ENGINEER.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- 4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL WORK WILL OCCUR THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- 5. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR SHA SIGNAL INSPECTION.
- 6. ALL UNUSED CABLES SHALL BE REMOVED AND DISPOSED.

ULTIMATE

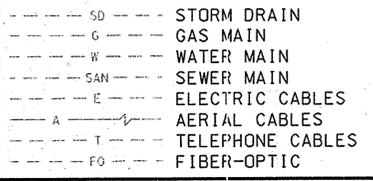
SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AT NORTHBOUND I-95 OFF-RAMP (RAMP A1)
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

GEOMETRIC LEGEND



UTILITY LEGEND



SABRA, WANG & ASSOCIATES, INC.
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WWW.SABRA-WANG.COM

APPROVALS

Wade Ruder
ASST. CHIEF TRAFFIC ENGINEERING DIVISION

Wade Ruder
CHIEF TRAFFIC ENGINEERING DIVISION

Wade Ruder
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS

TRAFFIC SIGNAL PLAN		
SCALE 1" = 20'	DATE 06/20/06	CONTRACT NO. KH-271-000-002
DESIGNED BY A. MOHAMMEDSDU	COUNTY HARFORD	
DRAWN BY M. RAFFLE	LOGMILE	
CHECKED BY K. BINIKER	TIMS NO.	
FAP NO. NONE	TOD NO.	
TS NO.	DRAWING PSG OF P016	SHEET NO. 695 OF 889