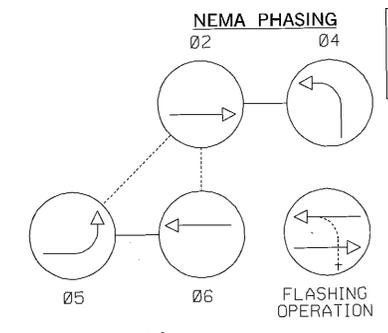
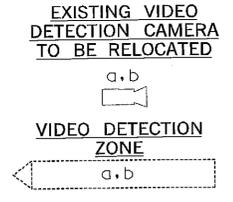
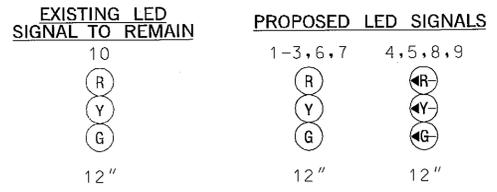
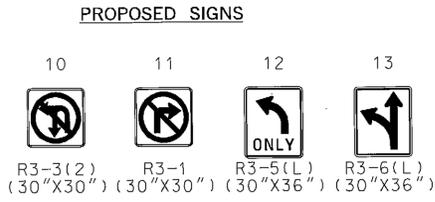
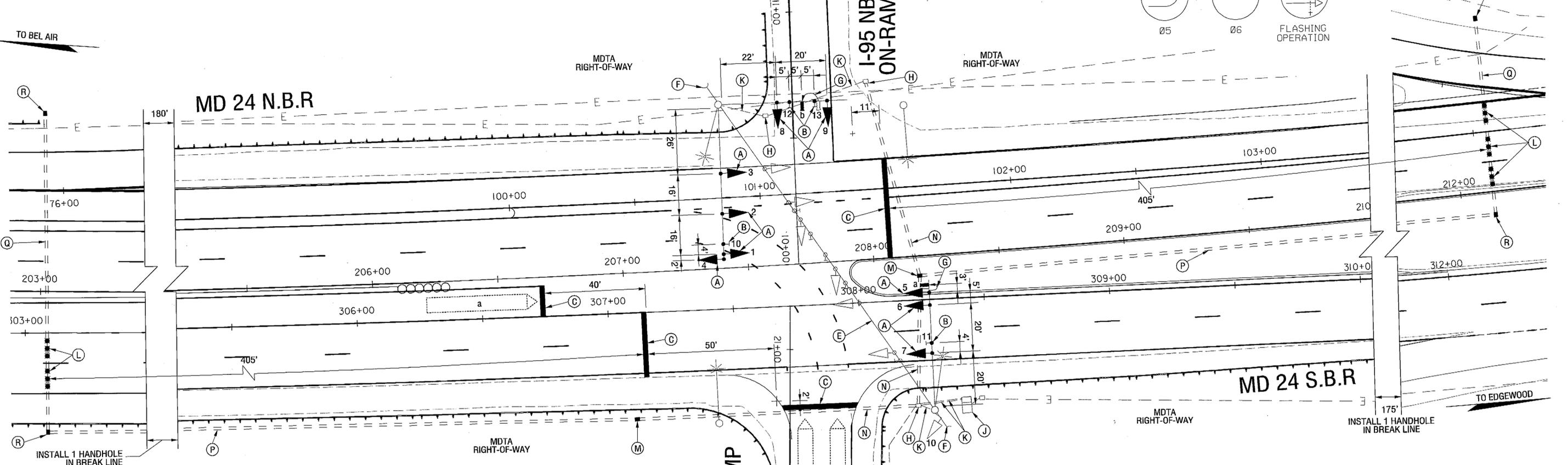


MD 24 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

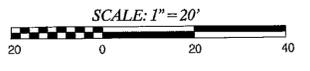
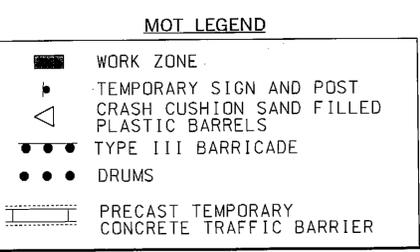
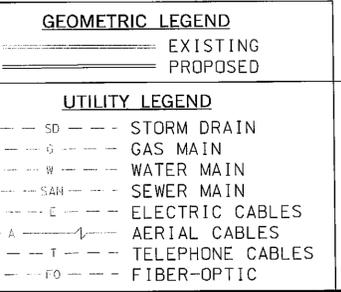


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS**
- A. INSTALL SIGNAL HEAD ON MAST ARM.
  - B. INSTALL OVERHEAD SIGN ON MAST ARM.
  - C. INSTALL 24 INCH WHITE PERMANENT PREFORMED PAVEMENT LINE MARKING FOR STOP LINE.
  - D. MAINTAIN EXISTING MICRO LOOP PROBES.
  - E. REMOVE EXISTING SPAN WIRE, TETHER CABLE, SIGNAL HEADS, AND SIGNS.
  - F. REMOVE EXISTING BACKGUY AND ASSOCIATED EQUIPMENT.
  - G. RELOCATE EXISTING OVERHEAD VIDEO DETECTION CAMERA.
  - H. USE EXISTING HANDHOLE.
  - J. USE EXISTING BASE MOUNTED CABINET.
  - K. USE EXISTING CONDUIT.
  - L. INSTALL NON-INVASIVE PROBES WITH 1000 FT. LEAD-IN CABLE.
  - M. INSTALL HANDHOLE.
  - N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- Q. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - R. INSTALL HANDHOLE WITH THE LONGER DIMENSION PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.

- GENERAL NOTES**
1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH SHA/DOTS ENGINEER.
  2. THE CONTRACTOR SHALL CONTACT THE ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR SHA SIGNAL INSPECTION.
  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 RECEIVES A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
  5. ALL UNUSED CABLES SHALL BE REMOVED AND DISPOSED.



**SABRA, WANG & ASSOCIATES, INC.**  
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**APPROVALS**

TEAM LEADER, TRAFFIC ENGINEERING DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DIVISION

CHIEF TRAFFIC ENGINEERING DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

**REVISIONS**

①	SIGNAL MODIFIED DUE TO GEOMETRIC IMPROVEMENTS	MDTA # R34-271-000-002(R3)	03/07
②	INSTALL VIDEO DETECTION	SHA NO. AT3085185	
③	ASBUILT	AW 103-501-485	04/10/09
PRZ			02/10/97

**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

**TRAFFIC SIGNAL PLAN**

SCALE 1" = 20' DATE 01/20/97 CONTRACT NO. AW 103-501-485

DESIGNED BY T. ZAYDEL COUNTY HARBOR

DRAWN BY S. BLOSS LOGMILE 12002403.47

CHECKED BY T. HANNAN TMS NO.

FAP NO. TOD NO.

TS NO. 3818C DRAWING PSG OF P011 SHEET NO. 482 OF 597