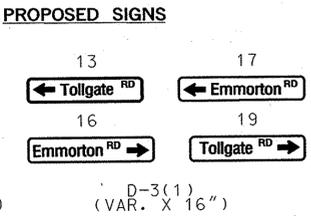
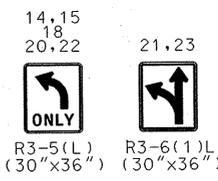
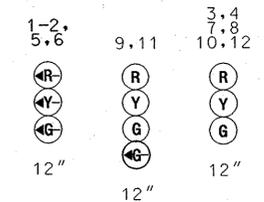


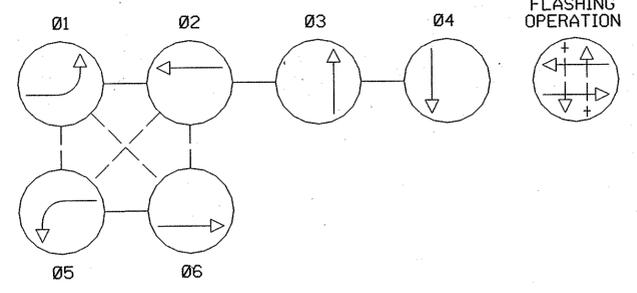
MD 24 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION



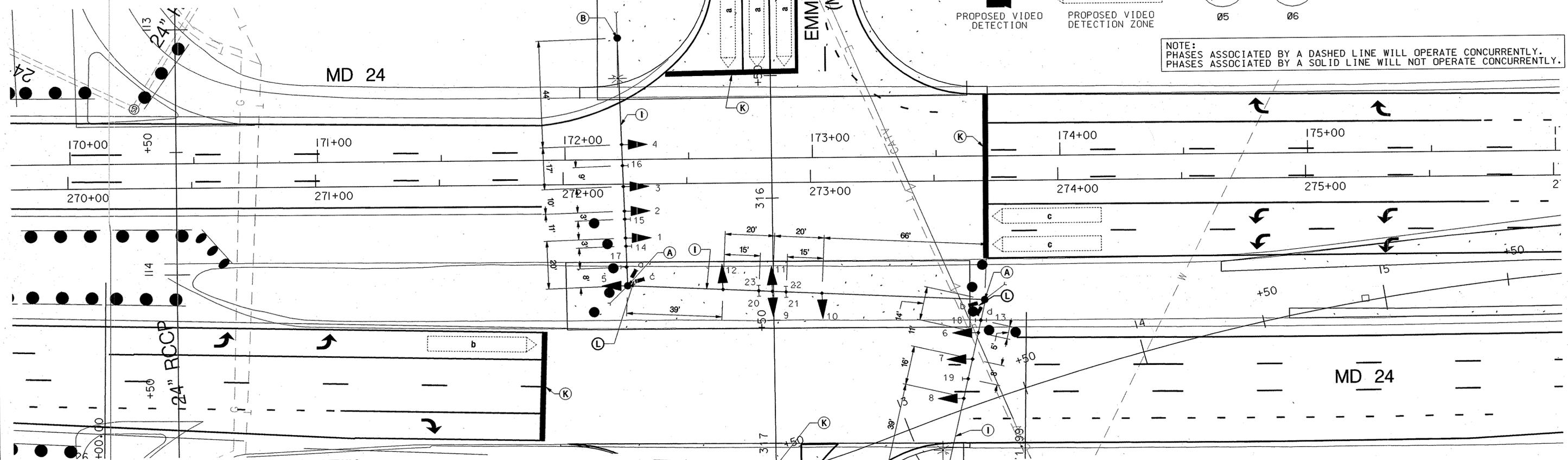
PROPOSED SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

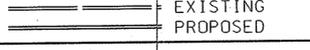
- A. TEMPORARY CLASS II WOOD POLE WITH SPAN WIRE, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON THE POLE (AS SHOWN) AND NECESSARY BACK GUYS. STA. 272+26 RT. 42' AND STA. 273+70 RT. 49'
- B. TEMPORARY CLASS II WOOD POLE WITH SPAN WIRE, 15 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND NECESSARY BACK GUYS. STA. 272+22 LT. 60' AND STA. 273+53 RT. 126'
- C. TEMPORARY CLASS II WOOD POLE WITH SPAN WIRE, RISER, 2' - 4 IN. PVC STUB UP, AND NECESSARY BACK GUYS. STA. 273+52 RT. 195'
- D. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80, 90 DEGREE CONDUIT BENDS). STA 273+55, 216' RT.
- E. INSTALL 200 AMP METERED SERVICE PEDESTAL. (NOTE ONE-4 IN. AND TWO-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS IN PEDESTAL BASE)
- F. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- H. INSTALL HANDHOLE.
- I. INSTALL 3/8 INCH SPAN WIRE AND 1/4 IN. SPAN WIRE (TETHER CABLE) WITH SIGNALS AND SIGNS.
- J. INSTALL 3/8 INCH SPAN WIRE AND 1/4 IN. SPAN WIRE (TETHER CABLE) FOR FUTURE USE.

GENERAL NOTES

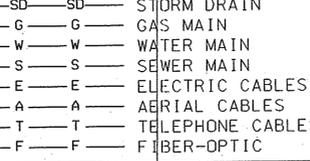
- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA/OOTS ENGINEER.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 3. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- 5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- 6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 7. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR A SHA SIGNAL INSPECTION.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 24 AT TEMPORARY MD 924
IMPROVEMENTS TO 195 AND MD 24 INTERCHANGE

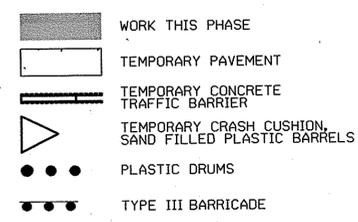
GEOMETRIC LEGEND



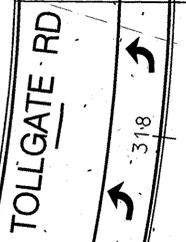
UTILITY LEGEND



MAINTENANCE OF TRAFFIC LEGEND



- K. INSTALL 24 IN. WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING FOR STOP LINE. STA. 271+92 RT 82', STA. 272+69 LT 45', STA. 272+84 RT 116', AND STA. 273+70 LT 2'
- L. VIDEO CAMERA LEAD IN CABLE SHALL HAVE ALL SLACK COILED AT THE CAMERA FOR USE IN FUTURE STAGES.



MOT-STAGE - 2 THRU 3C

DMJM HARRIS | AECOM

REVISIONS	
STAGE 2-3C NOT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS	
MDTA #KH-271-000-002	
DH	7/7/06

TEMPORARY SIGNAL PLAN		
SCALE 1" = 20'	DATE JULY 7, 2006	CONTRACT NO. KH-271-000-002
DESIGNED BY T. WELLS	COUNTY HARBORD	
DRAWN BY T. WELLS	LOGMILE	
CHECKED BY J. CLARK	T. I. M. S. NO.	
F. A. P. NO.	TOD NO.	
DRAWING NO. PSG	OF P017	SHEET NO. 697 OF 889

BY: WELLST2