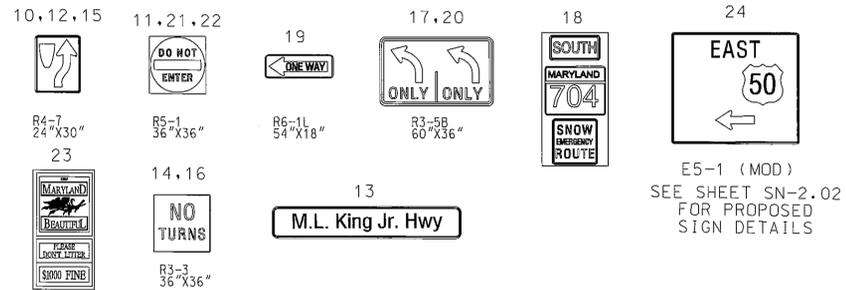
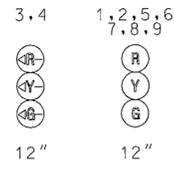




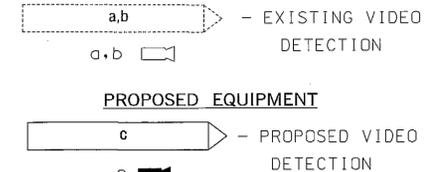
EXISTING SIGNS



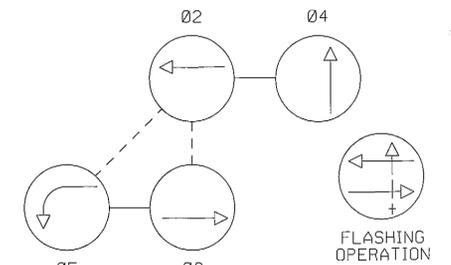
EXISTING LED SIGNALS



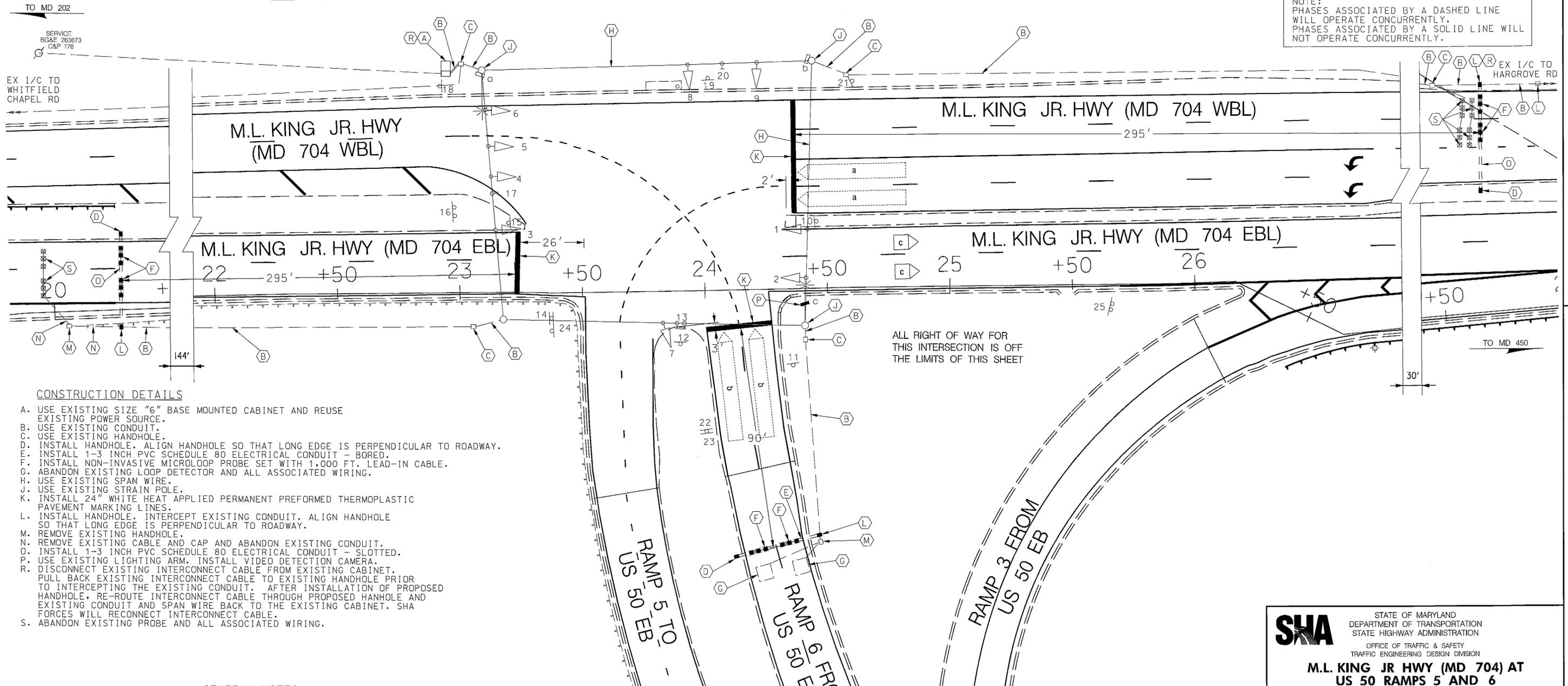
EXISTING EQUIPMENT



NEMA PHASING



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



CONSTRUCTION DETAILS

- USE EXISTING SIZE "6" BASE MOUNTED CABINET AND REUSE EXISTING POWER SOURCE.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- INSTALL HANDHOLE. ALIGN HANDHOLE SO THAT LONG EDGE IS PERPENDICULAR TO ROADWAY.
- INSTALL 1-3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN CABLE.
- ABANDON EXISTING LOOP DETECTOR AND ALL ASSOCIATED WIRING.
- USE EXISTING SPAN WIRE.
- USE EXISTING STRAIN POLE.
- INSTALL 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
- INSTALL HANDHOLE. INTERCEPT EXISTING CONDUIT. ALIGN HANDHOLE SO THAT LONG EDGE IS PERPENDICULAR TO ROADWAY.
- REMOVE EXISTING HANDHOLE.
- REMOVE EXISTING CABLE AND CAP AND ABANDON EXISTING CONDUIT.
- INSTALL 1-3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
- USE EXISTING LIGHTING ARM. INSTALL VIDEO DETECTION CAMERA.
- DISCONNECT EXISTING INTERCONNECT CABLE FROM EXISTING CABINET. PULL BACK EXISTING INTERCONNECT CABLE TO EXISTING HANDHOLE PRIOR TO INTERCEPTING THE EXISTING CONDUIT. AFTER INSTALLATION OF PROPOSED HANDHOLE, RE-ROUTE INTERCONNECT CABLE THROUGH PROPOSED HANDHOLE AND EXISTING CONDUIT AND SPAN WIRE BACK TO THE EXISTING CABINET. SHA FORCES WILL RECONNECT INTERCONNECT CABLE.
- ABANDON EXISTING PROBE AND ALL ASSOCIATED WIRING.

GENERAL NOTES

- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE MODIFICATION PROJECT.
- 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.
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY SHA FORCES.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
- ALL PAVEMENT MARKINGS ARE TO BE INSTALLED AS PER THE SIGNING AND MARKING PLANS, UNLESS NOTED ON THIS PLAN.

ALL RIGHT OF WAY FOR THIS INTERSECTION IS OFF THE LIMITS OF THIS SHEET

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GEOMETRIC LEGEND
 --- EXISTING
 --- PROPOSED

UTILITY LEGEND
 SD - STORM DRAIN
 G - GAS MAIN
 W - WATER MAIN
 S - SEWER MAIN
 E - ELECTRIC CABLES
 A - AERIAL CABLES
 T - TELEPHONE CABLES
 F - FIBER-OPTIC

APPROVALS
 TEAM LEADER
 ASST. DIV. CHIEF
 DIVISION CHIEF
 OFFICE DIRECTOR

REVISIONS

INSTALL NON-INVASIVE DETECTION	5/13/13
INSTALLATION OF VIDEO DETECTION	6/20/13

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

**M.L. KING JR HWY (MD 704) AT
 US 50 RAMPS 5 AND 6**
 MITCHELLVILLE, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 6/29/09 CONTRACT NO. BW818801312

DESIGNED BY ROBERT W HARRIS COUNTY PRINCE GEORGE'S
 DRAWN BY JOHN H GREEZICKI LOGMILE 16070405.04
 CHECKED BY EMM/DJD T.I.M.S. NO.
 F.A.P. NO. T.D. NO.

TS NO. 2504.B DRAWING NO. SG-01 OF 10 SHEET NO. OF