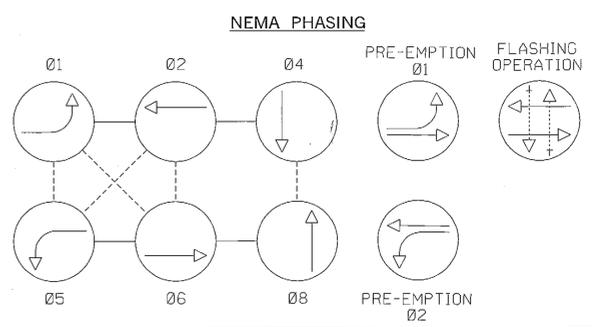
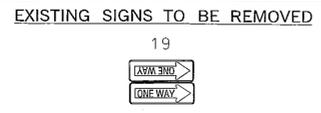
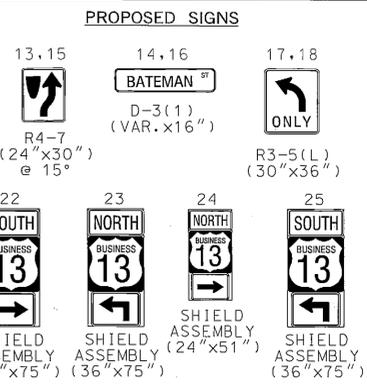
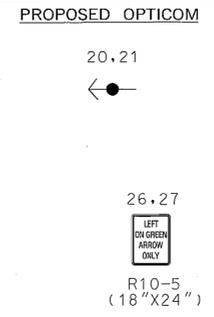
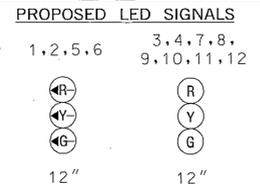
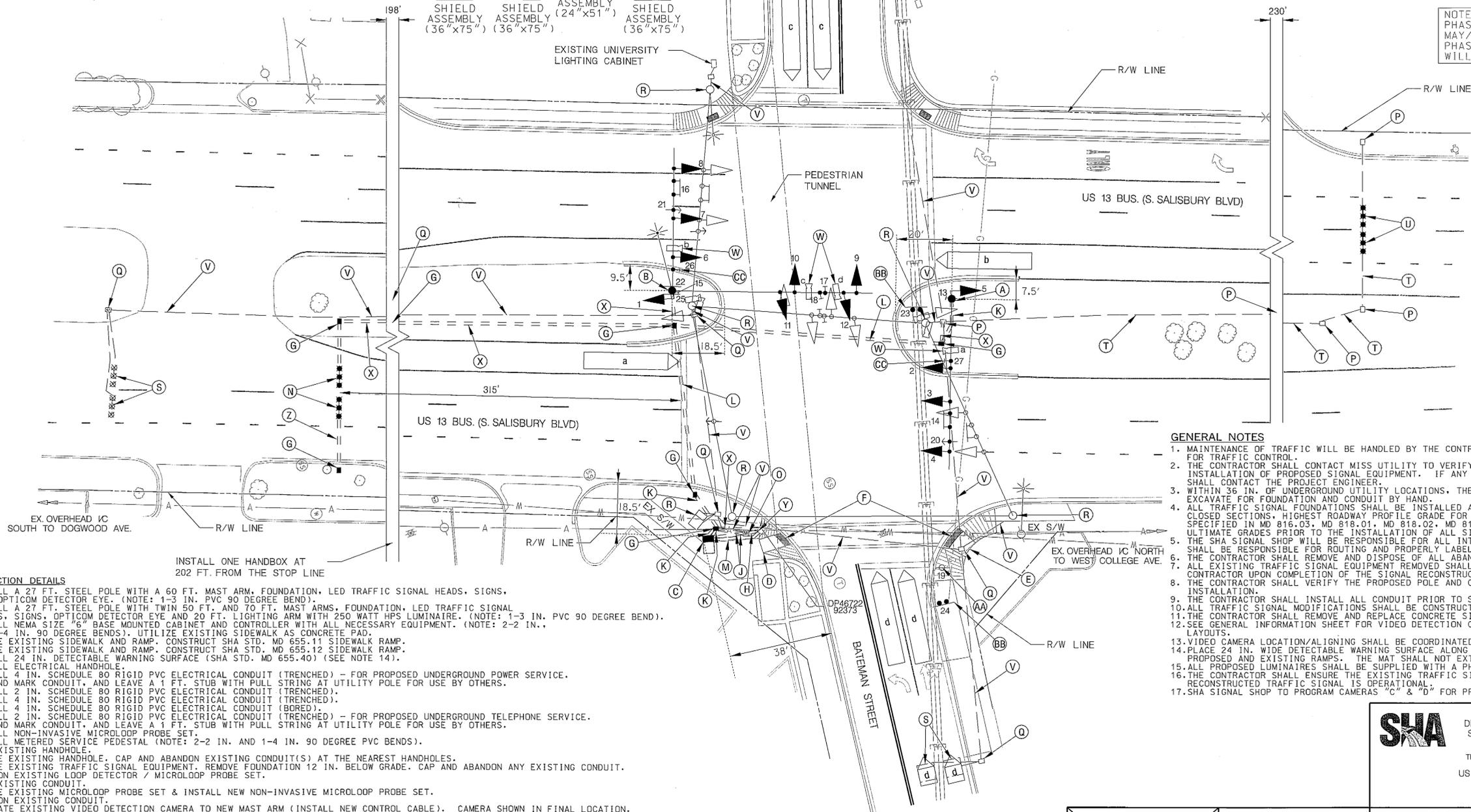
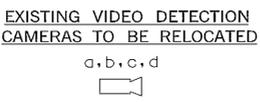


US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION



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



CONSTRUCTION DETAILS

- INSTALL A 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGNS, AND OPTICOM DETECTOR EYE. (NOTE: 1-3 IN. PVC 90 DEGREE BEND).
- INSTALL A 27 FT. STEEL POLE WITH TWIN 50 FT. AND 70 FT. MAST ARMS, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE AND 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: 1-3 IN. PVC 90 DEGREE BEND).
- INSTALL NEMA SIZE #6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2 IN., AND 2-4 IN. 90 DEGREE BENDS). UTILIZE EXISTING SIDEWALK AS CONCRETE PAD.
- REMOVE EXISTING SIDEWALK AND RAMP. CONSTRUCT SHA STD. MD 655.11 SIDEWALK RAMP.
- REMOVE EXISTING SIDEWALK AND RAMP. CONSTRUCT SHA STD. MD 655.12 SIDEWALK RAMP.
- INSTALL 24 IN. DETECTABLE WARNING SURFACE (SHA STD. MD 655.40) (SEE NOTE 14).
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR PROPOSED UNDERGROUND POWER SERVICE. CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH PULL STRING AT UTILITY POLE FOR USE BY OTHERS.
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH PULL STRING AT UTILITY POLE FOR USE BY OTHERS.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET.
- INSTALL METERED SERVICE PEDESTAL (NOTE: 2-2 IN. AND 1-4 IN. 90 DEGREE PVC BENDS).
- USE EXISTING HANDHOLE.
- REMOVE EXISTING HANDHOLE, CAP AND ABANDON EXISTING CONDUIT(S) AT THE NEAREST HANDHOLES.
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE. CAP AND ABANDON ANY EXISTING CONDUIT.
- ABANDON EXISTING LOOP DETECTOR / MICROLOOP PROBE SET.
- USE EXISTING CONDUIT.
- REMOVE EXISTING MICROLOOP PROBE SET & INSTALL NEW NON-INVASIVE MICROLOOP PROBE SET.
- ABANDON EXISTING CONDUIT.
- RELOCATE EXISTING VIDEO DETECTION CAMERA TO NEW MAST ARM (INSTALL NEW CONTROL CABLE). CAMERA SHOWN IN FINAL LOCATION.
- INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED).
- INSTALL 3 IN. PVC CONDUIT RISER ON EXISTING UTILITY POLE.
- INSTALL 3 IN. PVC SCHEDULE 80 RIGID PVC CONDUIT (BORED).
- REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
- INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. X 4 IN. WOOD SUPPORTS.
- INSTALL R10-5 SIGN ON PROPOSED MAST ARM. SHA DISTRICT FORCES WILL REMOVE SIGN 90 DAYS AFTER INSTALLATION.

GENERAL NOTES

- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
- THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- 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.
- THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL RECONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE AND CABINET LOCATION(S) PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO SIDEWALK AND RAMP CONSTRUCTION.
- ALL TRAFFIC SIGNAL MODIFICATIONS SHALL BE CONSTRUCTED PRIOR TO SIDEWALK INSTALLATION.
- THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
- SEE GENERAL INFORMATION SHEET FOR VIDEO DETECTION CAMERA, TRAFFIC SIGNAL HEAD, AND SIGN LAYOUTS.
- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- PLACE 24 IN. WIDE DETECTABLE WARNING SURFACE ALONG THE FULLY DEPRESSED PORTION OF THE PROPOSED AND EXISTING RAMPS. THE MAT SHALL NOT EXTEND ONTO THE SIDE FLARES.
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- THE CONTRACTOR SHALL ENSURE THE EXISTING TRAFFIC SIGNAL REMAINS OPERATIONAL UNTIL RECONSTRUCTED TRAFFIC SIGNAL IS OPERATIONAL.
- SHA SIGNAL SHOP TO PROGRAM CAMERAS "C" & "D" FOR PRESENCE AND SETBACK DETECTION.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 BUSINESS (S. SALISBURY BLVD)
AT BATEMAN STREET

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 8/88 CONTRACT NO. W1366A51451

DESIGNED BY B THOMPSON COUNTY WICOMICO
DRAWN BY H.I.S.M.E.M. LOGMILE 22B01303.87
CHECKED BY A.BUDNICHUK TIMS NO. J029
F.A.P. NO. N/A TOD NO. N/A

TS NO. 1498H DRAWING **SG-1** OF 2 SHEET NO. 1 OF 2

APPROVALS	REVISIONS
<p>ORIGINAL ON FILE</p> <p>TEAM LEADER</p> <p>ASST. DIV. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>(1) FULL SIGNAL RECONSTRUCTION.</p> <p>SHA: XX4435185 08/09</p> <p>STV: [Signature] 11/01/07</p> <p>G. INSTALL NON-INVASIVE PROBE FOR SET-BACK DETECTION ALONG SR US 13 BUS.</p> <p>SHA: AX1395185 11/01/07</p> <p>STV: [Signature]</p> <p>F. INSTALL REDUCE VIDEO DETECTION</p> <p>SHA: AT7255185 8/08</p> <p>JA</p>

UTILITY LEGEND



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BY: Dgonoway

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