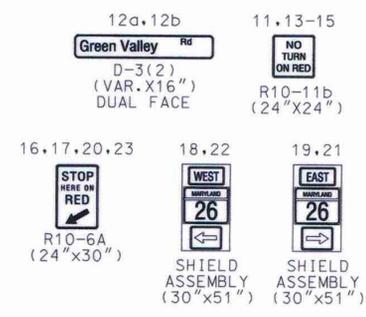


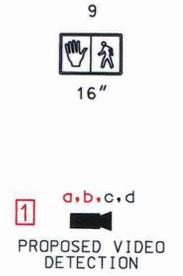


MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

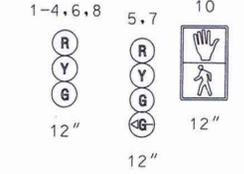
EXISTING SIGNS



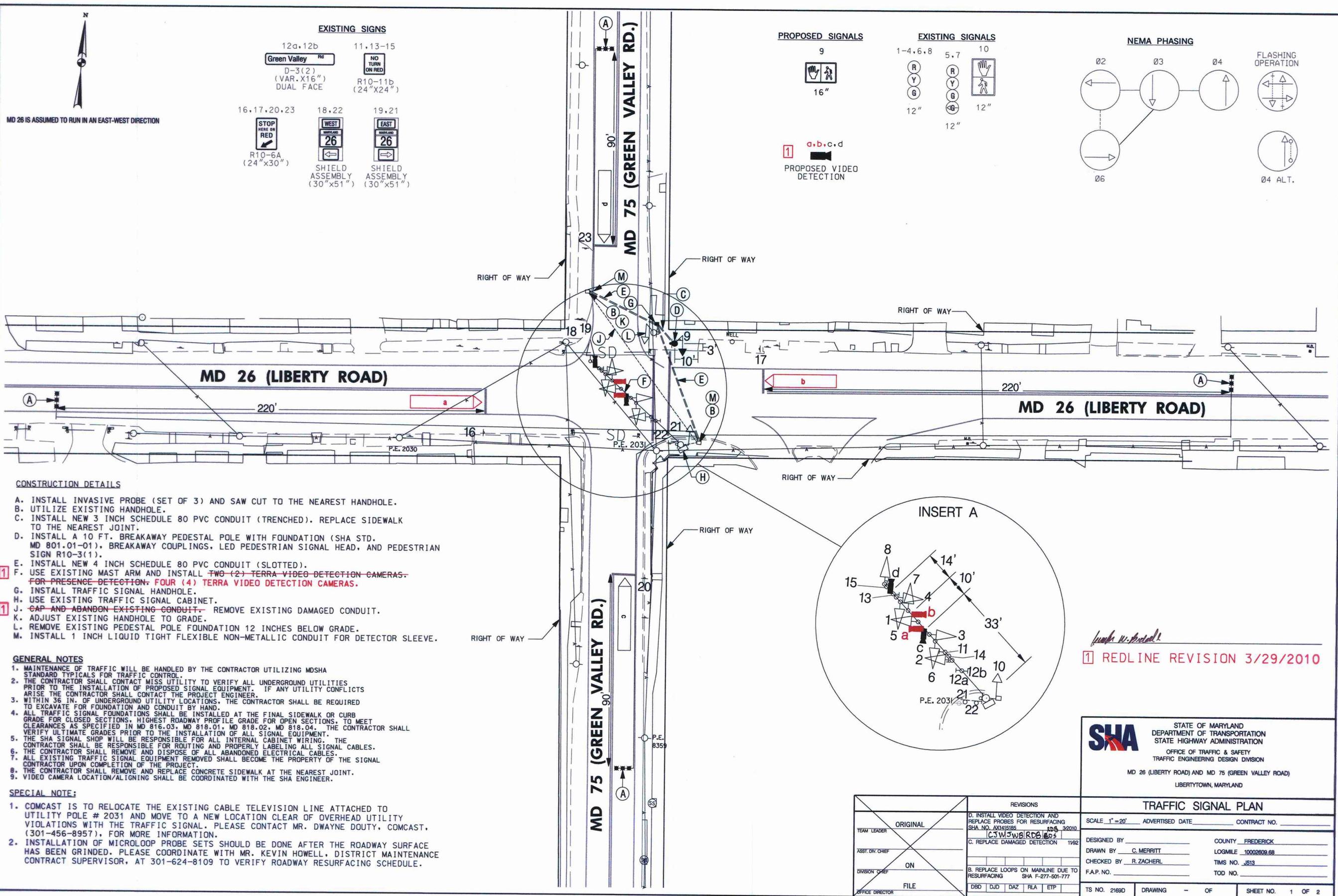
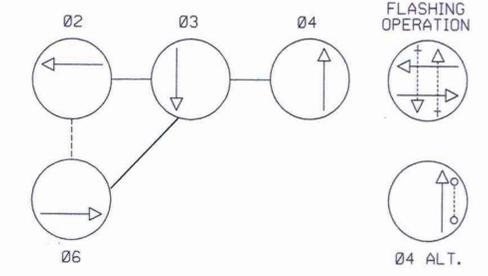
PROPOSED SIGNALS



EXISTING SIGNALS



NEMA PHASING



CONSTRUCTION DETAILS

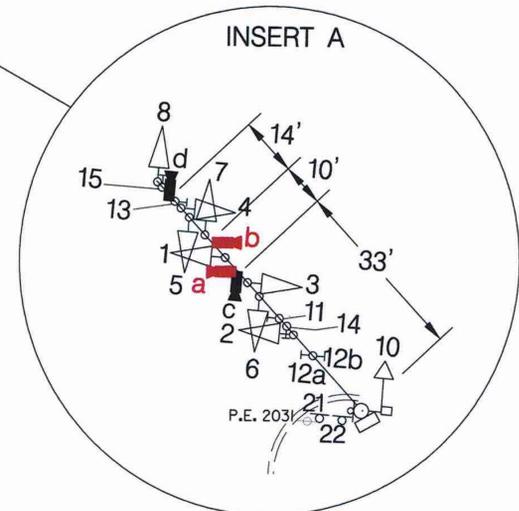
- A. INSTALL INVASIVE PROBE (SET OF 3) AND SAW CUT TO THE NEAREST HANDHOLE.
B. UTILIZE EXISTING HANDHOLE.
C. INSTALL NEW 3 INCH SCHEDULE 80 PVC CONDUIT (TRENCHED). REPLACE SIDEWALK TO THE NEAREST JOINT.
D. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION (SHA STD. MD 801.01-01), BREAKAWAY COUPLINGS, LED PEDESTRIAN SIGNAL HEAD, AND PEDESTRIAN SIGN R10-3(1).
E. INSTALL NEW 4 INCH SCHEDULE 80 PVC CONDUIT (SLOTTED).
F. USE EXISTING MAST ARM AND INSTALL TWO (2) TERRA VIDEO DETECTION CAMERAS. FOR PRESENCE DETECTION, FOUR (4) TERRA VIDEO DETECTION CAMERAS.
G. INSTALL TRAFFIC SIGNAL HANDHOLE.
H. USE EXISTING TRAFFIC SIGNAL CABINET.
J. CAP AND ABANDON EXISTING CONDUIT. REMOVE EXISTING DAMAGED CONDUIT.
K. ADJUST EXISTING HANDHOLE TO GRADE.
L. REMOVE EXISTING PEDESTAL POLE FOUNDATION 12 INCHES BELOW GRADE.
M. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.

GENERAL NOTES

- 1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
2. 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.
3. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
4. 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.
5. 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.
6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
7. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE PROJECT.
8. THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
9. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

SPECIAL NOTE:

- 1. COMCAST IS TO RELOCATE THE EXISTING CABLE TELEVISION LINE ATTACHED TO UTILITY POLE # 2031 AND MOVE TO A NEW LOCATION CLEAR OF OVERHEAD UTILITY VIOLATIONS WITH THE TRAFFIC SIGNAL. PLEASE CONTACT MR. DWAYNE DOUTY, COMCAST, (301-456-8957), FOR MORE INFORMATION.
2. INSTALLATION OF MICROLOOP PROBE SETS SHOULD BE DONE AFTER THE ROADWAY SURFACE HAS BEEN GRINDED. PLEASE COORDINATE WITH MR. KEVIN HOWELL, DISTRICT MAINTENANCE CONTRACT SUPERVISOR, AT 301-624-8109 TO VERIFY ROADWAY RESURFACING SCHEDULE.



REDLINE REVISION 3/29/2010

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 26 (LIBERTY ROAD) AND MD 75 (GREEN VALLEY ROAD) LIBERTYTOWN, MARYLAND

Table with columns for REVISIONS, DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING, OF, SHEET NO., and 1 OF 2.

PLOTTED: Monday, March 29, 2010 AT 08:10 PM FILE: J:\DATA\JIS\CAD\JIS0902.dgn

BY: cward