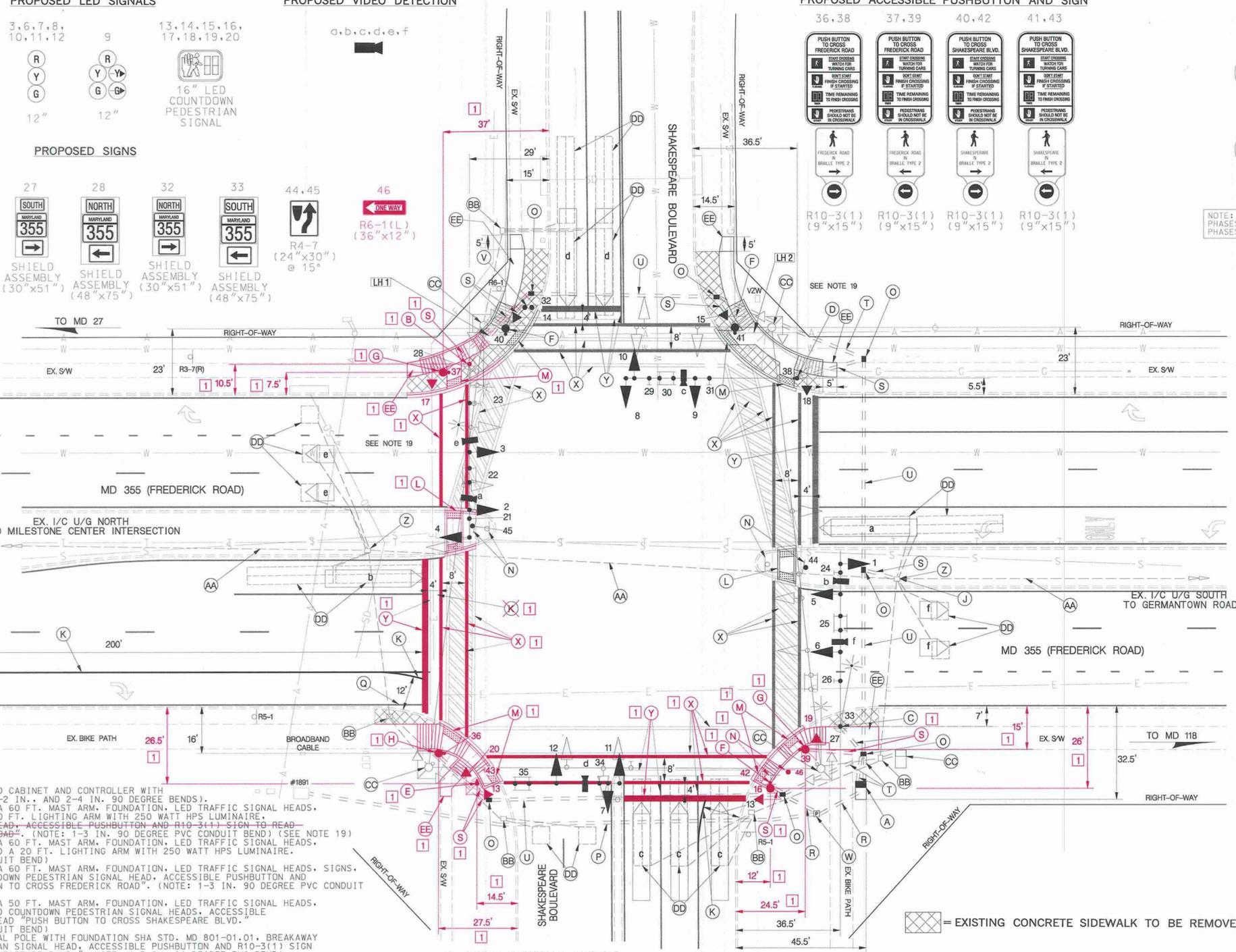
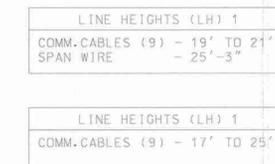
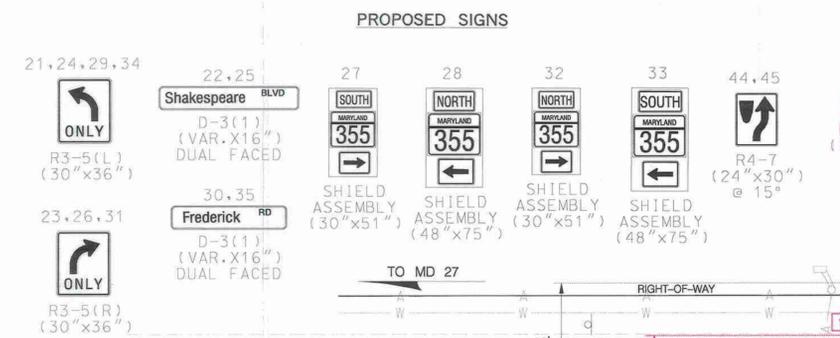
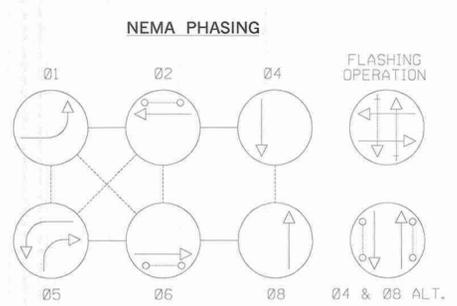
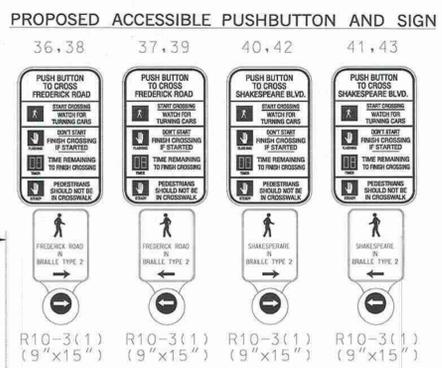
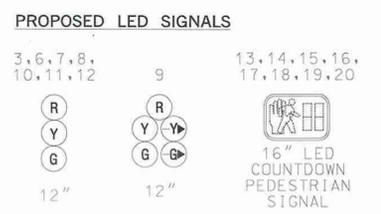
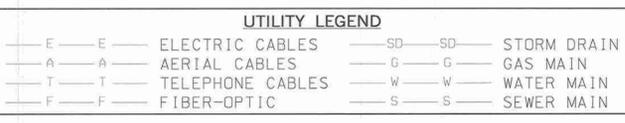


MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



- CONSTRUCTION DETAILS**
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2 IN., AND 2-4 IN. 90 DEGREE BENDS).
 - INSTALL A 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS FREDERICK ROAD". (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND) (SEE NOTE 19)
 - INSTALL A 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND A 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND)
 - INSTALL A 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS SHAKESPEARE BLVD.". (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND) (SEE NOTE 19)
 - INSTALL A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS SHAKESPEARE BLVD.". (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND)
 - INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD 801-01.01, BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS SHAKESPEARE BLVD.". (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND)
 - INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD 801-01.01, BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS FREDERICK ROAD". (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND)
 - INSTALL A 6'4" FT. BREAKAWAY PEDESTAL POLE (CUT TO 5 FT.) WITH FOUNDATION SHA STD. MD 801-01.01, BREAKAWAY COUPLINGS, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS FREDERICK ROAD". (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND)
 - PULL BACK AND RE-ROUTE EXISTING INTERCONNECT CABLE PER WIRING DIAGRAM.
 - INSTALL 5 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
 - REMOVE EXISTING CUT-THROUGH, CONSTRUCT SHA STD. MD 655-21 MEDIAN CUT-THROUGH WITH DETECTABLE WARNING SURFACE SHA STD. MD 655-40, CONSTRUCT SHA STD. TYPE A CURB IN LIEU OF FLARES.
 - REMOVE EXISTING SIDEWALK AND RAMP, CONSTRUCT NEW SIDEWALK AND RAMP (SEE DETAILS SHEET SG-02).
 - REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT AND INSTALL NEW GROUND MOUNTED SIGN ON ONE 4 IN. x 4 IN. WOOD POST. (SEE NOTE 21)

- 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 POWER SOURCE FOR USE BY OTHERS. (BORE CONDUIT UNDER ROADWAY)
- REMOVE 15 FT. OF EXISTING 5 IN. WHITE LANE LINE PAVEMENT MARKING.
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 2-4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. x 6 IN. WOOD POSTS.
- INSTALL METERED SERVICE PEDESTAL (NOTE: 2-2 IN. AND 1-4 IN. 90 DEGREE PVC BENDS).
- REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE, CAP AND ABANDON EXISTING CONDUIT(S) AT THE NEAREST HANDHOLES.
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL, CAP AND ABANDON ANY EXISTING CONDUIT.
- ABANDON EXISTING LOOP DETECTOR.
- REMOVE EXISTING SIDEWALK AND CONSTRUCT 5 IN. SIDEWALK.



STV Incorporated
7125 Ambassador Road, Suite 200
Baltimore, MD 21244
www.stvinc.com

1 REDLINE REVISION NO. 1 DECEMBER 2010
TEDD APPROVAL SHA NO. XX4455185

APPROVALS

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

REVISIONS

NO.	DESCRIPTION

SUA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (FREDERICK ROAD)
AT SHAKESPEARE BOULEVARD

SIGNALIZATION PLAN SHEET

SCALE 1"=20' ADVERTISED DATE 12-17-1993 CONTRACT NO. BW-633-802-312

DESIGNED BY	M.A. MEARS	COUNTY	MONTGOMERY
DRAWN BY	M.A. MEARS	LOGMILE	15035519.39
CHECKED BY	P.A.R.	TMS NO.	I-853
F.A.P. NO.		TOD NO.	

TS NO. 3392-A DRAWING SG-01 OF 02 SHEET NO. 1 OF 2

PLOTTED: Monday, December 06, 2010 AT 03:07 PM
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