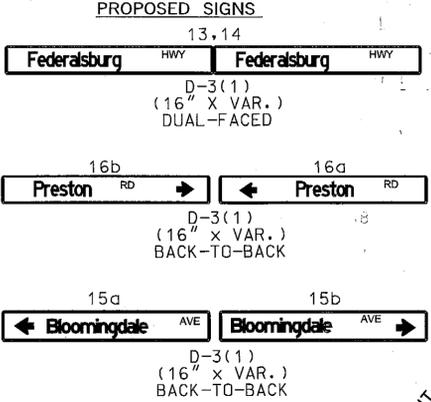
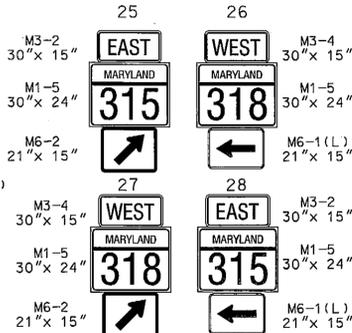
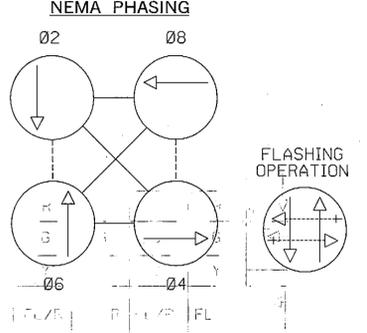
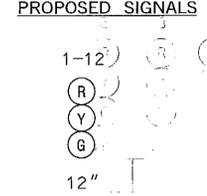
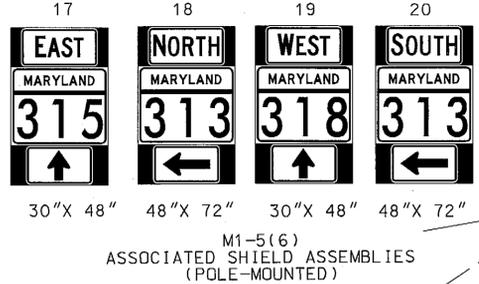
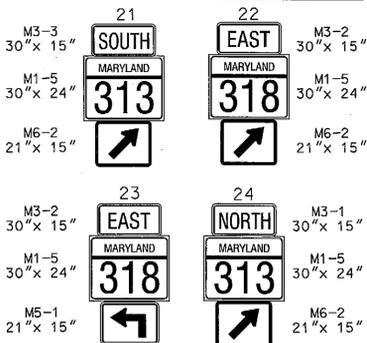


MD 313 (FEDERALSBURG HWY) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



PROPOSED SIGNS TO REPLACE EXISTING SIGNS ON SAME STRUCTURE



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

- GENERAL NOTES**
- 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.
  - ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, AND THE HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD STD. 816.03, MD STD. 818.01, MD 818.02, AND MD STD. 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.
  - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
  - THE CONTRACTOR IS RESPONSIBLE FOR REMOVING UNUSED CABLES FROM EXISTING HANDHOLES AND CONDUITS UTILIZED FOR REVISION 'D'.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
  - VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

- CONSTRUCTION DETAILS**
- INSTALL NEMA 6 BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2", 2-4" 90° SCHEDULE 80 PVC BEND).
  - INSTALL 100 AMP METERED PEDESTAL FOR ELECTRICAL SERVICE.
  - INSTALL ELECTRICAL HANDHOLE.
  - INSTALL 27' STEEL POLE WITH TWIN (50'/50') MAST ARMS, WITH TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 15' LIGHTING ARM, 250 WATT HPS LUMINAIRE (NOTE: 2-3", 90° SCHEDULE 80 PVC BEND).
  - INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
  - INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
  - INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
  - INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
  - DISCONNECT EXISTING CABLES FROM SIGNAL CABINET. REMOVE CABINET AND CONTROLLER; REMOVE FOUNDATION 12" BELOW GRADE.
  - REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT; REMOVE FOUNDATION 12" BELOW GRADE.
  - INSTALL NON-INVASIVE MICRO-LOOP PROBES.
  - INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT (BORED) FOR NON-INVASIVE PROBES.
  - REMOVE HANDHOLE. CAP AND ABANDON CONDUIT.
  - REMOVE UNUSED WIRING. CAP AND ABANDON CONDUIT.
  - EXISTING ELECTRICAL POWER TRANSFORMER TO BE USED FOR PROPOSED ELECTRICAL SERVICE.
  - INSTALL GROUND MOUNTED SIGN ON 4"x 6" WOOD POST AS SHOWN.
  - INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
  - REMOVE EXISTING PAVEMENT MARKING.
  - INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
  - INSTALL 2 SCHEDULE 80 RIGID PVC CONDUIT - BORED (FOR PHONE DROP; POLE/SOURCE LOCATION TO BE DETERMINED).
  - REMOVE AND REPLACE EXISTING GROUND MOUNTED SIGN ON EXISTING POST AS SHOWN.

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

MD 313 (FEDERALSBURG HWY) AND  
MD 315 (BLOOMINGDALE AVE)/MD 318 (PRESTON RD)  
FEDERALSBURG, MD

**SIGNALIZATION PLAN SHEET**

**GEOMETRIC LEGEND**

PROPOSED = ————  
EXISTING = - - - - -

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

**CENTURY ENGINEERING**  
CONSULTING ENGINEERS - PLANNERS  
10710 GILROY ROAD  
HUNT VALLEY, MD 21031

Revision 'D' CEI # 101195.36

**APPROVALS**

TEAM LEADER: [Signature]  
ASST. DIV. CHIEF: [Signature]  
DIVISION CHIEF: [Signature]  
OFFICE DIRECTOR: [Signature]

**REVISIONS**

①	SIGNAL RECONSTRUCTION	4/29/2011
②	TMS NO. K-670 CONTRACT NO. XX4435185	
③	ENRUB 2011A-261 2011MUB1-776	
④	TRAFFIC SIGNAL MODIFICATION TMS 1287	
⑤	SHA NO. AT9086186 2/25/2008	
⑥	SWA DBS	
⑦	A AS BUILT	07/22/1983
⑧	ASH	

SCALE 1" = 20' ADVERTISED DATE 8-5-77 CONTRACT NO. CO 479-501-285

DESIGNED BY B. THOMPSON COUNTY CAROLINE  
DRAWN BY B. THOMPSON LOGMILE 05031303.39  
CHECKED BY A. BUDNICHUK TMS NO.  
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 38D DRAWING SG - 01 OF 2 SHEET NO. 1 OF 2