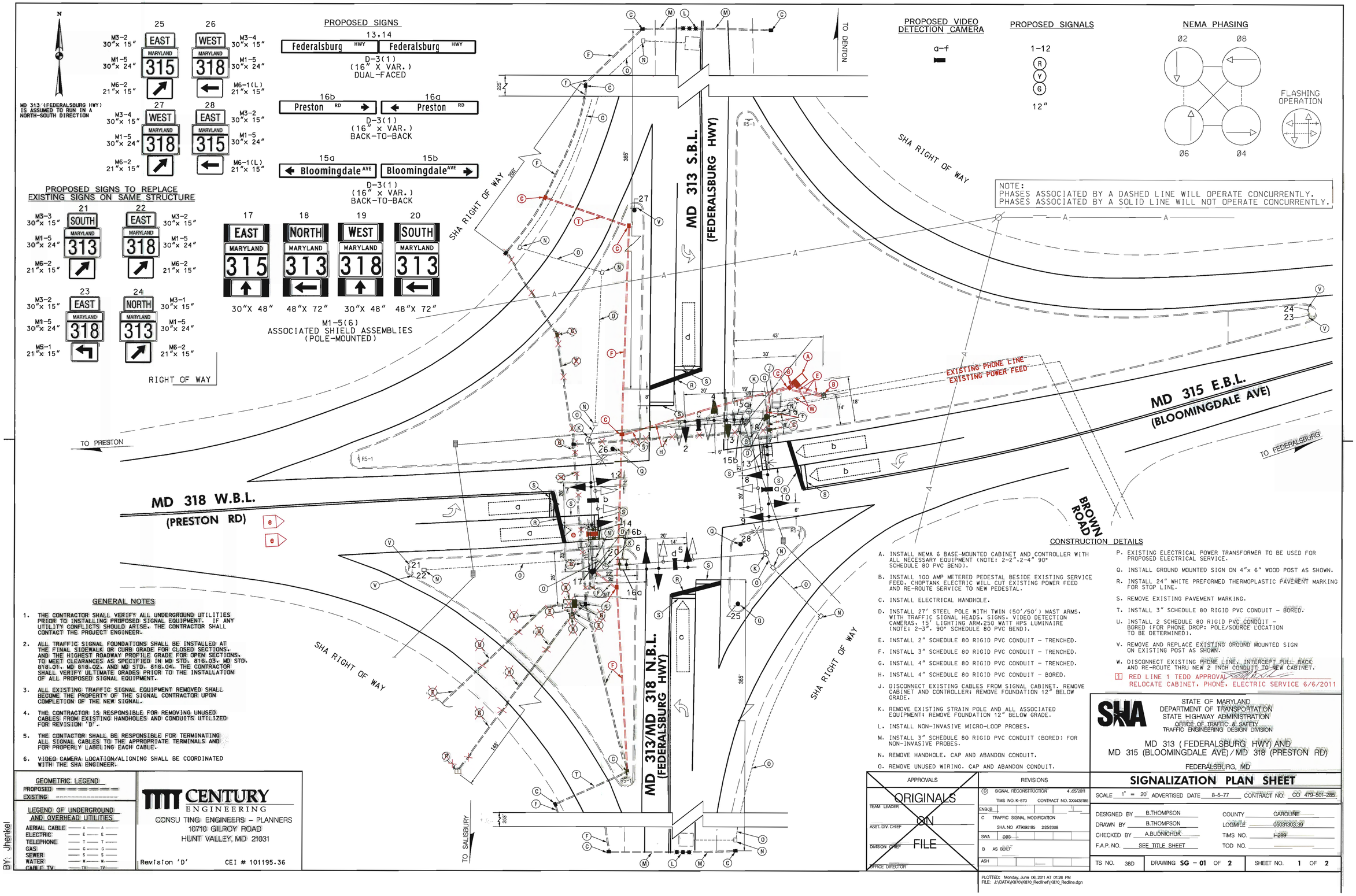

GENERAL NOTES

1. 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.
2. 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.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING UNUSED CABLES FROM EXISTING HANDHOLES AND CONDUITS UTILIZED FOR REVISION 'D'.
5. THE CONTACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
6. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

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 —

BY: Jhenkel

CENTURY ENGINEERING
CONSU TING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
Revision 'D' CEI # 101195.36

CONSTRUCTION DETAILS

A. INSTALL NEMA 6 BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2",2-4" 90° SCHEDULE 80 PVC BEND).
B. INSTALL 100 AMP METERED PEDESTAL BESIDE EXISTING SERVICE FEED. CHOPTANK ELECTRIC WILL CUT EXISTING POWER FEED AND RE-ROUTE SERVICE TO NEW PEDESTAL.
C. INSTALL ELECTRICAL HANDHOLE.
D. 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).
E. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
F. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
G. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
H. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
J. DISCONNECT EXISTING CABLES FROM SIGNAL CABINET, REMOVE CABINET AND CONTROLLER; REMOVE FOUNDATION 12" BELOW GRADE.
K. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT; REMOVE FOUNDATION 12" BELOW GRADE.
L. INSTALL NON-INVASIVE MICRO-LOOP PROBES.
M. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT (BORED) FOR NON-INVASIVE PROBES.
N. REMOVE HANDHOLE. CAP AND ABANDON CONDUIT.
O. REMOVE UNUSED WIRING. CAP AND ABANDON CONDUIT.
P. EXISTING ELECTRICAL POWER TRANSFORMER TO BE USED FOR PROPOSED ELECTRICAL SERVICE.
Q. INSTALL GROUND MOUNTED SIGN ON 4"x 6" WOOD POST AS SHOWN.
R. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
S. REMOVE EXISTING PAVEMENT MARKING.
T. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
U. INSTALL 2 SCHEDULE 80 RIGID PVC CONDUIT - BORED (FOR PHONE DROP: POLE/SOURCE LOCATION TO BE DETERMINED).
V. REMOVE AND REPLACE EXISTING GROUND MOUNTED SIGN ON EXISTING POST AS SHOWN.
W. DISCONNECT EXISTING PHONE LINE, INTERCEPT PULL BACK AND RE-ROUTE THRU NEW 2 INCH CONDUIT TO NEW CABINET.

1 RED LINE 1 TEDD APPROVAL
RELOCATE CABINET, PHONE, ELECTRIC SERVICE 6/6/2011

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINALS ON FILE

REVISIONS
D SIGNAL RECONSTRUCTION 4/25/2011 TIMS NO. K-670 CONTRACT NO. XX4436185
C TRAFFIC SIGNAL MODIFICATION SHA NO. AT9009185 2/25/2008
B AS BUILT

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

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

DESIGNED BY B.THOMPSON
DRAWN BY B.THOMPSON
CHECKED BY A.BUDNICHUK
F.A.P. NO. SEE TITLE SHEET
COUNTY CAROLINE
LOGMILE 05031303.39
TIMS NO. I-289
TOD NO.

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

PLOTTED: Monday, June 06, 2011 AT 01:26 PM
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