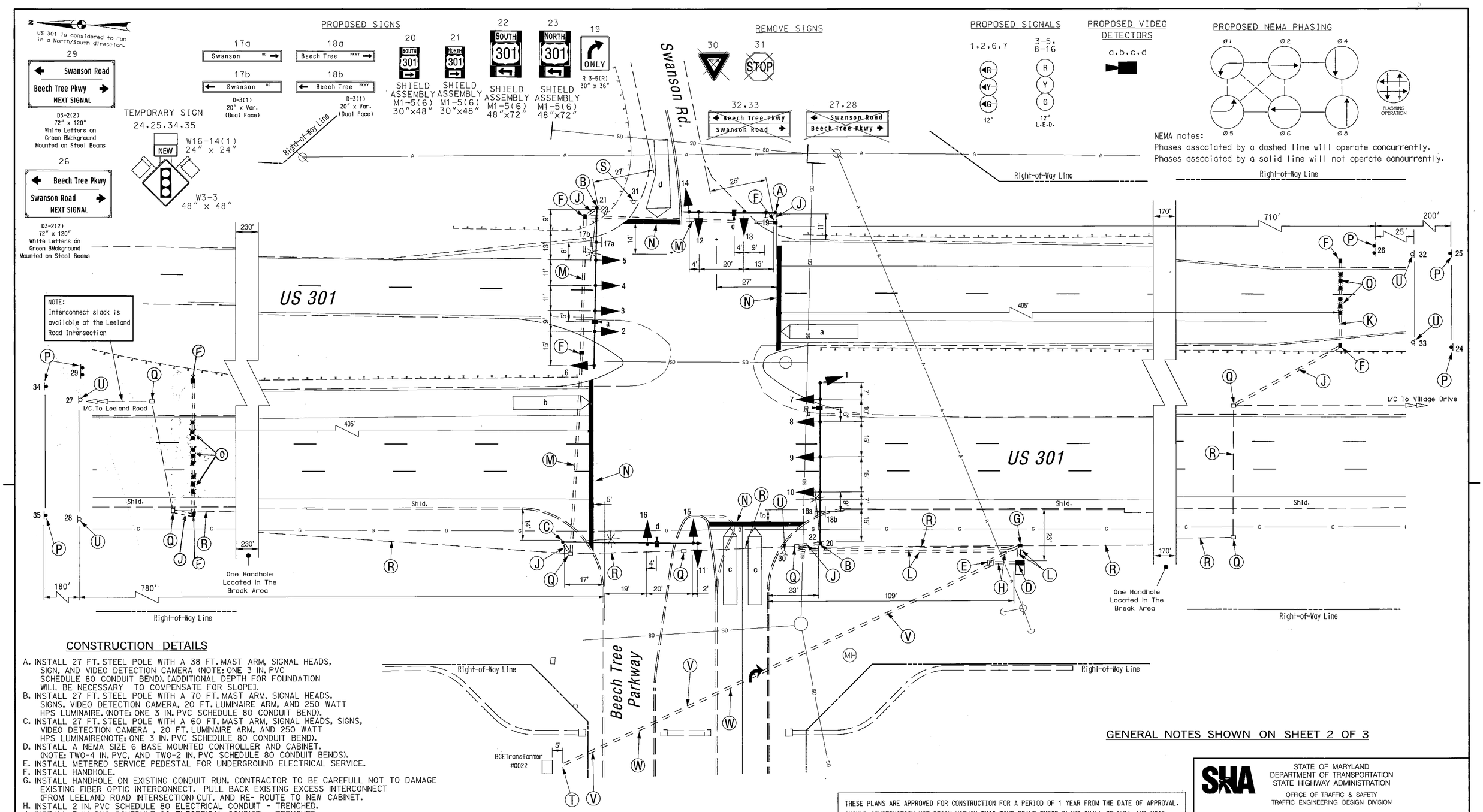

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A 38 FT. MAST ARM, SIGNAL HEADS, SIGN, AND VIDEO DETECTION CAMERA (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). [ADDITIONAL DEPTH FOR FOUNDATION WILL BE NECESSARY TO COMPENSATE FOR SLOPE].
B. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
C. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA , 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE(NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
E. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE.
F. INSTALL HANDHOLE.
G. INSTALL HANDHOLE ON EXISTING CONDUIT RUN. CONTRACTOR TO BE CAREFULL NOT TO DAMAGE EXISTING FIBER OPTIC INTERCONNECT. PULL BACK EXISTING EXCESS INTERCONNECT (FROM LEELAND ROAD INTERSECTION) CUT, AND RE- ROUTE TO NEW CABINET.
H. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
M. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
N. INSTALL 24 IN. WIDE WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
O. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
P. INSTALL GROUND MOUNTED SIGN.
Q. USE EXISTING HANDHOLE.
R. USE EXISTING CONDUIT.
S. REMOVE EXISTING GROUND MOUNTED R 1-1 SIGN. (STREET NAME SIGNS TO REMAIN).
T. TERMINATE AND MARK CONDUIT END 5 FEET FROM ELECTRICAL TRANSFORMER.
U. REMOVE EXISTING GROUND MOUNTED SIGN AND POST.
V. INSTALL 4 IN. CONDUIT - TRENCHED, WITH PULL STRING FOR AN UNDERGROUND ELECTRICAL SERVICE BY BGE.
W. INSTALL 4 IN. CONDUIT - BORED, WITH PULL STRING FOR AN UNDERGROUND ELECTRICAL SERVICE BY BGE.

GENERAL NOTES SHOWN ON SHEET 2 OF 3

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

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"Merging Innovation and Excellence"®

APPROVALS
TEAM LEADER 10-6-10
ASST. DIV. CHIEF 10/7/10
DIVISION CHIEF 10/7/10 for C. Schreiber
OFFICE DIRECTOR 10/12/10

REVISIONS

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

US 301 at Beech Tree Pkwy/Swanson Rd.
Upper Marlboro, Maryland

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE OCTOBER 5, 2010 CONTRACT NO. BW996M82
DESIGNED BY J. Dirndorfer COUNTY Prince George's
DRAWN BY J.Dirndorfer LOGMILE 16030116.06
CHECKED BY C. Stilland TIMS NO. G712
F.A.P. NO. N/A TOD NO.
TS NO. 4441 DRAWING SG-01 OF 01 SHEET NO. 1 OF 3

PLOTTED: Tuesday, October 05, 2010 AT 08:51 AM
FILE: F:\2004\2004-0315\dgs\US 301 @ Beechtree.dgn

PLOTTED BY: FHoeckel