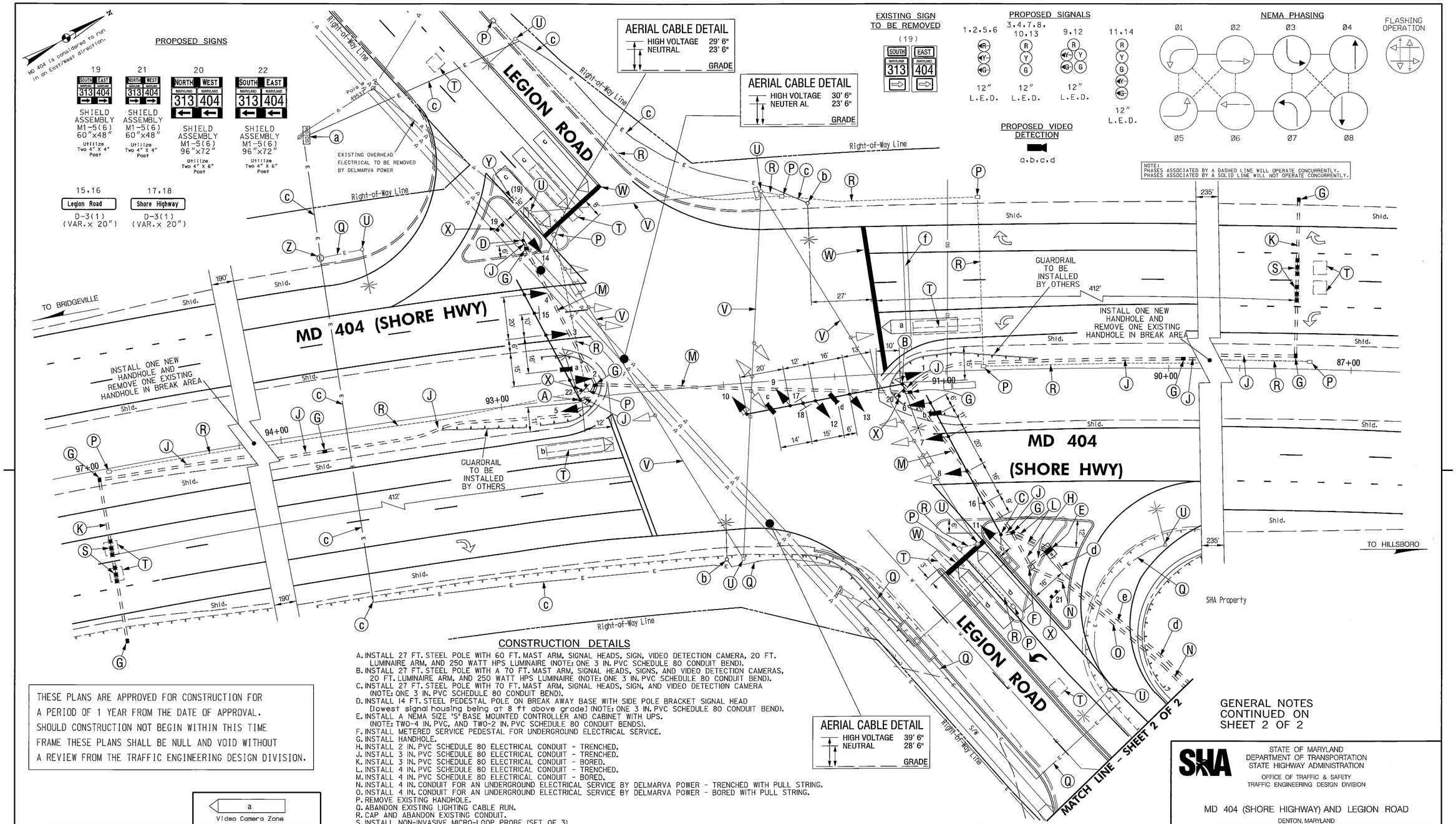

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGN, VIDEO DETECTION CAMERA, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS, 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 70 FT. MAST ARM, SIGNAL HEADS, SIGN, AND VIDEO DETECTION CAMERA (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. INSTALL 14 FT. STEEL PEDESTAL POLE ON BREAK AWAY BASE WITH SIDE POLE BRACKET SIGNAL HEAD [lowest signal housing being at 8 ft above grade] (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
E. INSTALL A NEMA SIZE 'S' BASE MOUNTED CONTROLLER AND CABINET WITH UPS. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
F. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE.
G. INSTALL HANDHOLE.
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 4 IN. CONDUIT FOR AN UNDERGROUND ELECTRICAL SERVICE BY DELMARVA POWER - TRENCHED WITH PULL STRING.
O. INSTALL 4 IN. CONDUIT FOR AN UNDERGROUND ELECTRICAL SERVICE BY DELMARVA POWER - BORED WITH PULL STRING.
P. REMOVE EXISTING HANDHOLE.
Q. ABANDON EXISTING LIGHTING CABLE RUN.
R. CAP AND ABANDON EXISTING CONDUIT.
S. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
T. ABANDON EXISTING VEHICLE DETECTION.
U. REMOVE EXISTING STEEL POLE AND ALL ATTACHED EQUIPMENT.
V. REMOVE EXISTING SPAN WIRE.
W. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
X. INSTALL GROUND MOUNTED SIGN.
Y. REMOVE EXISTING GROUND MOUNTED SIGN.
Z. EXISTING LIGHTING MANHOLE TO BE UTILIZED.
a. EXISTING ELECTRICAL SERVICE TO BE UTILIZED.
b. EXISTING POLE AND LUMINAIRE TO BE UTILIZED.
c. EXISTING LIGHTING CABLE TO BE UTILIZED.
d. INSTALL 2 IN. PVC CONDUIT FOR PHONE DROP -TRENCHED.
e. INSTALL 2 IN. PVC CONDUIT FOR PHONE DROP - BORED.
f. EXISTING STOP LINE TO BE REMOVED. SEE SIGNING/MARKING PLANS FOR DETAILS.

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.

a
Video Camera Zone

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

GENERAL NOTES CONTINUED ON SHEET 2 OF 2

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PLOTTED BY: JDimdorfer

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

MD 404 (SHORE HIGHWAY) AND LEGION ROAD
DENTON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE SEPT. 23, 1987 CONTRACT NO. CO-321-505-370

DESIGNED BY R. R. Z COUNTY CAROLINE
DRAWN BY W. Nics LOGMILE 05040409.30
CHECKED BY E.M.M. TIMS NO. K-413
F.A.P. NO. N/A TOD NO.

TS NO. 2400C DRAWING SG-01 OF 01 SHEET NO. 5 OF 6

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

REVISIONS
C REDESIGN SIGNAL DUE TO WIDENING ON LEGION ROAD SHA No. BW996M82 SEPT 9, 2011
B INSTALL VIDEO DETECTION APRIL 20, 2010
A SPLIT SIDE STREET JAN 19, 1993

PLOTTED: Friday, September 09, 2011 AT 01:14 PM
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