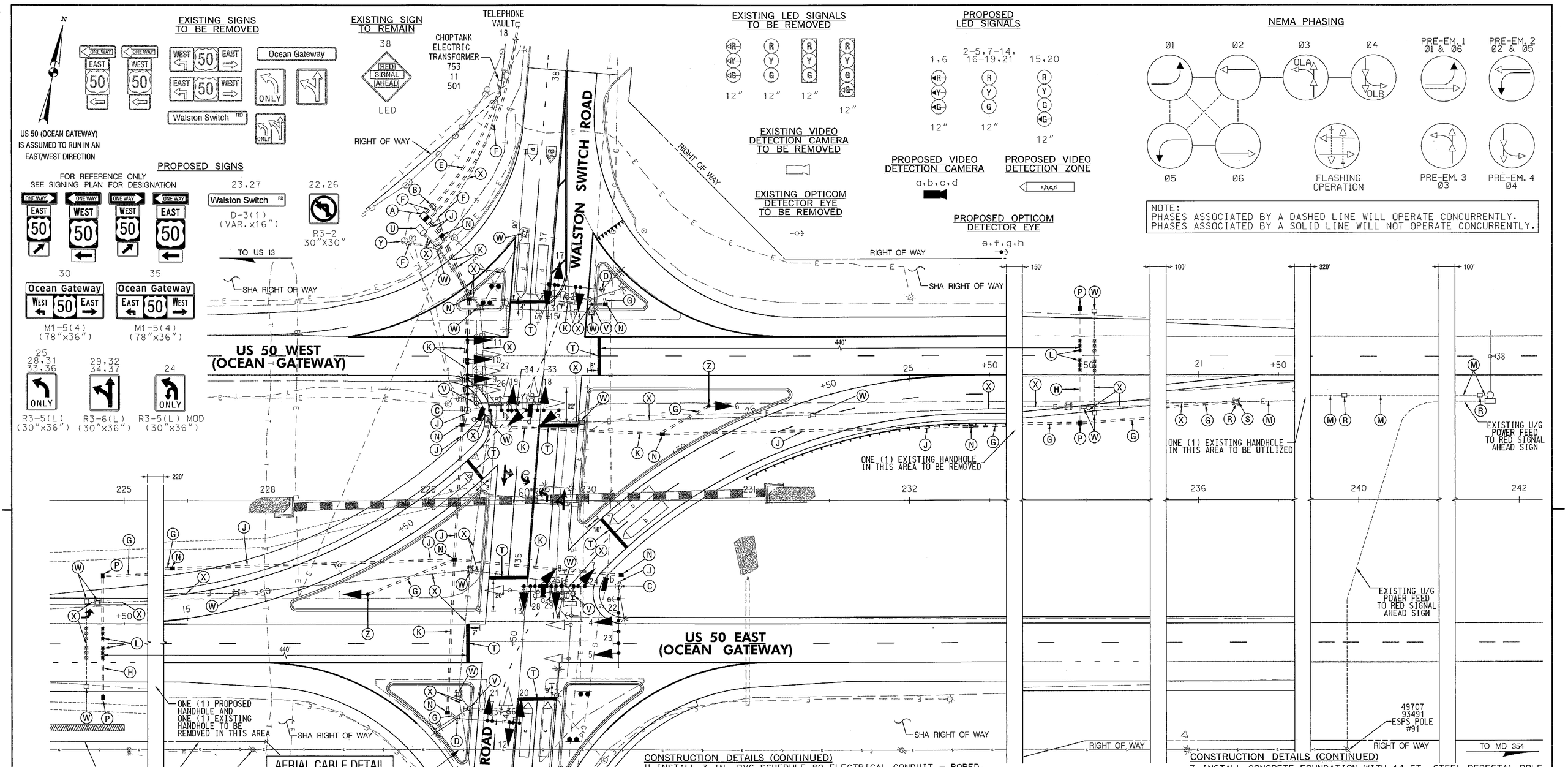

AERIAL CABLE DETAIL

45' 7" PRIMARY
37' 8" SECONDARY
GRADE

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH NEMA SIZE S BASE MOUNTED CABINET AND CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY AND ALL NECESSARY EQUIPMENT. (NOTE: TWO-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 37+6, 81' LT.
B. INSTALL 100 AMP METERED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS IN BASE).
C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50/60 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, OPTICOM DETECTORS, 20 FT. LIGHTING ARM AND LED LUMINAIRE. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 34+88, 57' RT. AND STA. 35+89, 45' LT.
D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 38 FT. MAST ARM WITH SIGNAL HEAD, SIGNS, 15 FT. LIGHTING ARM AND LED LUMINAIRE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 33+98, 37' LT AND STA 36+70, 33' RT.
E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF POWER TRANSFORMER.
F. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

CONSTRUCTION DETAILS (CONTINUED)

H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
L. INSTALL NON-INVASIVE DETECTOR WITH 1,000 FT. LEAD IN CABLE (CENTER PROBES IN THRU LANES).
M. USE EXISTING CONDUIT.
N. INSTALL HANDHOLE.
P. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE TRAVEL LANES FOR INSTALLATION OF NON-INVASIVE PROBES.
R. USE EXISTING HANDHOLE.
S. PULL BACK EXISTING INTERCONNECT CABLE FOR RED SIGNAL AHEAD SIGN FROM EXISTING SIGNAL CABINET AND REROUTE THRU NEW CONDUIT SYSTEM TO NEW SIGNAL CABINET.
T. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
U. REMOVE EXISTING BASE MOUNTED CABINET, CONTROLLER, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
V. REMOVE EXISTING SIGNAL POLE, MAST ARM(S), SIGNS, SIGNAL HEADS, LIGHTING ARM, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
W. REMOVE EXISTING HANDHOLE AND BACKFILL.
X. CAP AND ABANDON EXISTING CONDUIT.
Y. PULL BACK EXISTING TELEPHONE CABLE FOR SHAZAM SIGN FROM EXISTING SIGNAL CABINET AND REROUTE THRU NEW CONDUIT SYSTEM TO NEW SIGNAL CABINET.

CONSTRUCTION DETAILS (CONTINUED)

Z. INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE AND SIGNAL HEAD. (NOTE: ONE-3IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 26+23, 20' RT. AND STA. 16+10, 19' RT.

30' 0 30' 60'
SCALE: 1" = 30'

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

REVISIONS
(F) 02/28/2013 TIMS # L374 SHA NO. W309B21 SIGNAL RECONSTRUCTION DUE TO GEOMETRIC UPGRADES.
SWA H.D. DJS MLP CW
(E) 3/11 TIMS NO: K730 SHA NO. XX2245185 REPHASE FOR SIDE STREET SPLIT AND UPGRADE DETECTION.
JB SR DBD RDB MLP WHITH
(D) 11/01/07 SHA NO. AX1395185 REPLACE DAMAGED LOOPS FOR WB US 50 & SB WALSTON SWITCH ROAD WITH VIDEO DET.
NML GW RAR DAB DAB/BK

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

US 50 (OCEAN GATEWAY) AT WALSTON SWITCH ROAD
PARSONSBURG, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 30' ADVERTISED DATE 2-29-96 CONTRACT NO. WI3095176

DESIGNED BY D.A.NIES (FOR STS)
DRAWN BY R.R.ZACHERL (FOR STS)
CHECKED BY
F.A.P. NO.
COUNTY WICOMICO
LOGMILE 22005020.94
TIMS NO.
TOD NO.

TS NO. 3587 (F) DRAWING pSG OF P001 SHEET NO. 33 OF 37

PLOTTED: Tuesday, March 26, 2013 AT 10:43 AM
FILE: R:\2006\60 BCS 2005-13L PREL ENG DES SVC PB_GF $200K\TASK 23 US 50\DWG\Signal\pSG-P001_US50Walston.dgn

BY: SOU