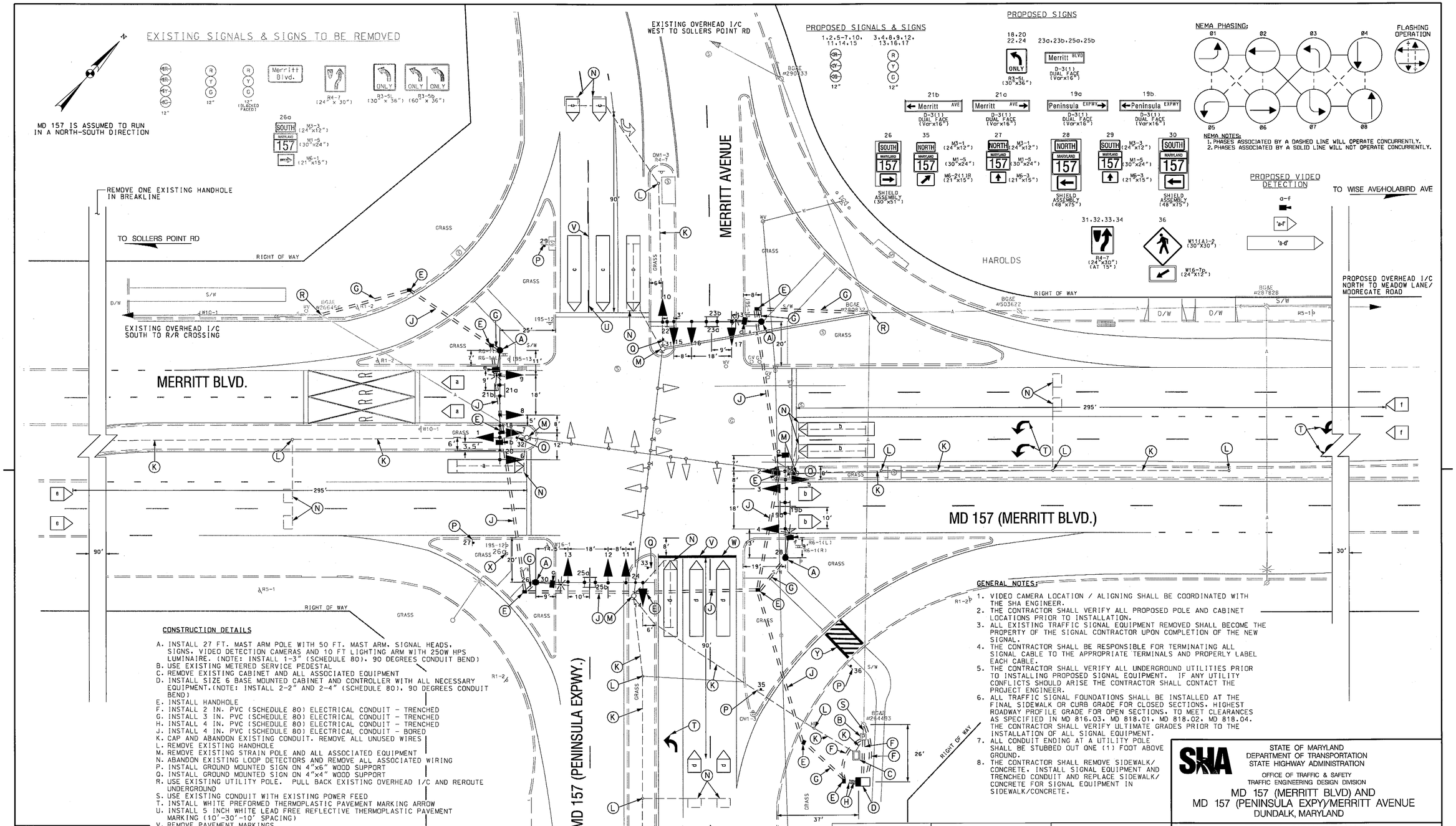

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND 10 FT LIGHTING ARM WITH 250W HPS LUMINAIRE. (NOTE: INSTALL 1-3" (SCHEDULE 80), 90 DEGREES CONDUIT BEND)
B. USE EXISTING METERED SERVICE PEDESTAL
C. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT
D. INSTALL SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT.(NOTE: INSTALL 2-2" AND 2-4" (SCHEDULE 80), 90 DEGREES CONDUIT BEND)
E. INSTALL HANDHOLE
F. INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
H. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
J. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED
K. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES
L. REMOVE EXISTING HANDHOLE
M. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT
N. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL ASSOCIATED WIRING
P. INSTALL GROUND MOUNTED SIGN ON 4"x6" WOOD SUPPORT
Q. INSTALL GROUND MOUNTED SIGN ON 4"x4" WOOD SUPPORT
R. USE EXISTING UTILITY POLE. PULL BACK EXISTING OVERHEAD I/C AND REROUTE UNDERGROUND
S. USE EXISTING CONDUIT WITH EXISTING POWER FEED
T. INSTALL WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
U. INSTALL 5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (10'-30'-10' SPACING)
V. REMOVE PAVEMENT MARKINGS
W. INSTALL 24 INCH HEAT APPLIED PERMENANT PAVEMENT MARKINGS (STOPLINE)
X. REMOVE EXISTING SIGN AND SUPPORT
Y. INSTALL 12 INCH HEAT APPLIED PERMENANT PAVEMENT MARKINGS (CROSSWALK)

GENERAL NOTES:

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. 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.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. ALL CONDUIT ENDING AT A UTILITY POLE SHALL BE STUBBED OUT ONE (1) FOOT ABOVE GROUND.
8. THE CONTRACTOR SHALL REMOVE SIDEWALK/ CONCRETE. INSTALL SIGNAL EQUIPMENT AND TRENCHED CONDUIT AND REPLACE SIDEWALK/ CONCRETE FOR SIGNAL EQUIPMENT IN SIDEWALK/CONCRETE.

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

PB 100 YEARS
PARSONS BRINCKERHOFF
100 South Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201-2727
Phone: 410-727-5050
Fax: 410-727-4608

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE FROM BALTIMORE CO.

REVISIONS

E RECONSTRUCT SIGNAL TIMS# J639
CONTRACT # BA1956B
KMP 8/1/09
D 09/09 - REBUILD THE EXISTING SIGNAL. SHA NO. XX6315185; TIMS NO. J502
SHA XXXX PB XXXX
C 10/15/2008 - AS-BUILT

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

MD 157 (MERRITT BLVD) AND MD 157 (PENINSULA EXPY)/MERRITT AVENUE
DUNDALK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 11/06/1974 CONTRACT NO. S-276

DESIGNED BY Designed by Baltimore County
DRAWN BY
CHECKED BY
FAP NO.
COUNTY BALTIMORE
LOGMILE 03015702.73
TIMS NO. J639
TOD NO.

TS NO. 4685E | DRAWING SP-13 OF 39 | SHEET NO. 1 OF 2

PLOTTED: $DATETIMES
FILE: T:\173089a_DistrictTraffic\trh\Task 4_TEDD Stimulus\Plans\MD157_Peninsula_GP.dgn