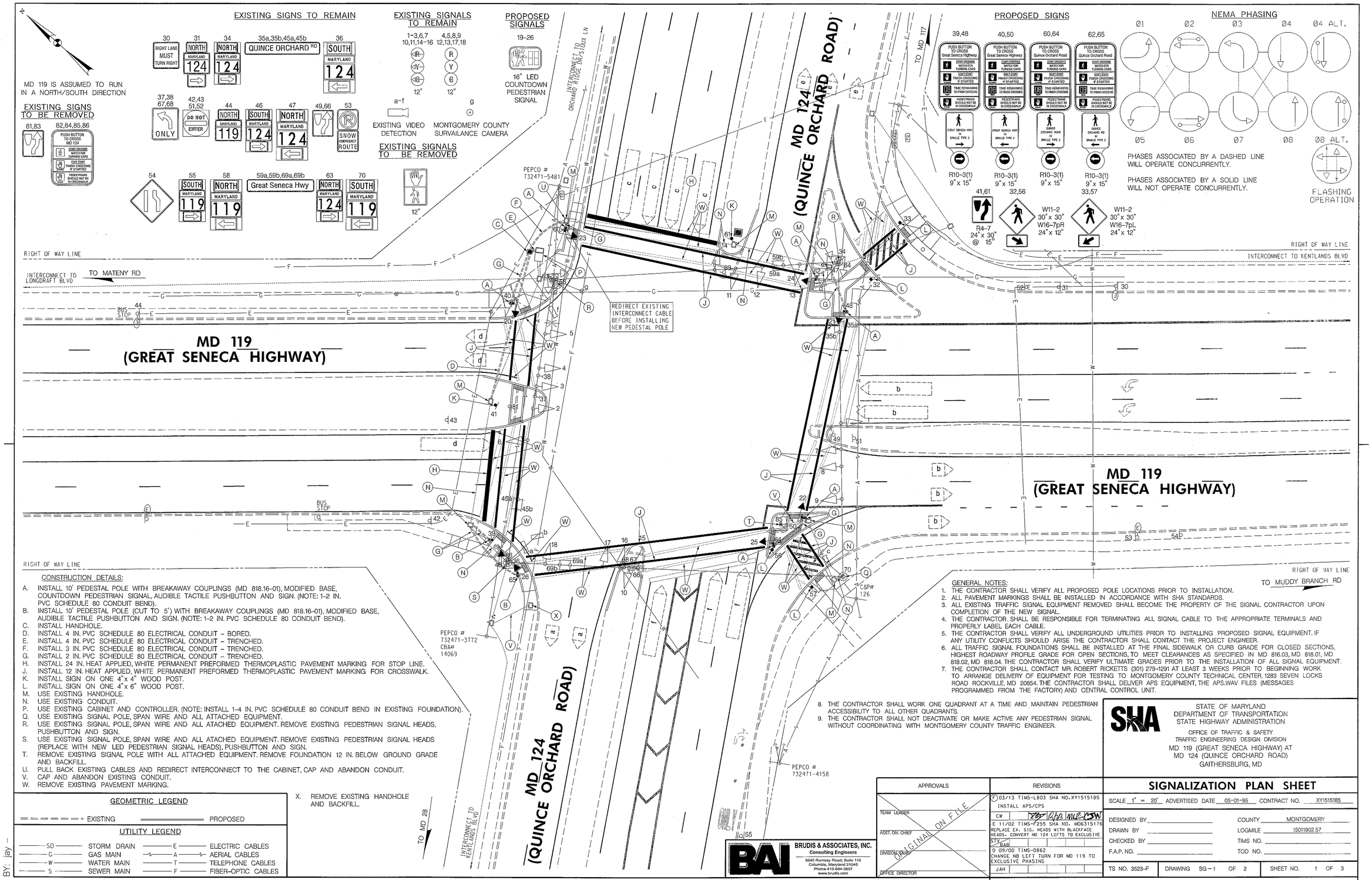

CONSTRUCTION DETAILS:

A. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL 10' PEDESTAL POLE (CUT TO 5') WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
C. INSTALL HANDHOLE.
D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
H. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
J. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
K. INSTALL SIGN ON ONE 4"x 4" WOOD POST.
L. INSTALL SIGN ON ONE 4"x 6" WOOD POST.
M. USE EXISTING HANDHOLE.
N. USE EXISTING CONDUIT.
P. USE EXISTING CABINET AND CONTROLLER. (NOTE: INSTALL 1-4 IN. PVC SCHEDULE 80 CONDUIT BEND IN EXISTING FOUNDATION).
Q. USE EXISTING SIGNAL POLE, SPAN WIRE AND ALL ATTACHED EQUIPMENT.
R. USE EXISTING SIGNAL POLE, SPAN WIRE AND ALL ATTACHED EQUIPMENT. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN.
S. USE EXISTING SIGNAL POLE, SPAN WIRE AND ALL ATACHED EQUIPMENT. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS (REPLACE WITH NEW LED PEDESTRIAN SIGNAL HEADS), PUSHBUTTON AND SIGN.
T. REMOVE EXISTING SIGNAL POLE WITH ALL ATTACHED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
U. PULL BACK EXISTING CABLES AND REDIRECT INTERCONNECT TO THE CABINET, CAP AND ABANDON CONDUIT.
V. CAP AND ABANDON EXISTING CONDUIT.
W. REMOVE EXISTING PAVEMENT MARKING.
X. REMOVE EXISTING HANDHOLE AND BACKFILL.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
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. THE CONTRACTOR SHALL CONTACT MR. ROBERT RICKETTS (301) 279-1291 AT LEAST 3 WEEKS PRIOR TO BEGINNING WORK TO ARRANGE DELIVERY OF EQUIPMENT FOR TESTING TO MONTGOMERY COUNTY TECHNICAL CENTER, 1283 SEVEN LOCKS ROAD ROCKVILLE, MD 20854. THE CONTRACTOR SHALL DELIVER APS EQUIPMENT, THE APS.WAV FILES (MESSAGES PROGRAMMED FROM THE FACTORY) AND CENTRAL CONTROL UNIT.
8. THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
9. THE CONTRACTOR SHALL NOT DEACTIVATE OR MAKE ACTIVE ANY PEDESTRIAN SIGNAL WITHOUT COORDINATING WITH MONTGOMERY COUNTY TRAFFIC ENGINEER.

GEOMETRIC LEGEND

EXISTING — PROPOSED

UTILITY LEGEND

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

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

F 03/13 TIMS-L803 SHA NO.XY1515185 INSTALL APS/CPS
CW
E 11/02 TIMS-F255 SHA NO. MD6315176 REPLACE EX. SIG. HEADS WITH BLACKFACE HEADS. CONVERT MD 124 LEFTS TO EXCLUSIVE
STV BAB
D 09/00 TIMS-D862 CHANGE NB LEFT TURN FOR MD 119 TO EXCLUSIVE PHASING
JAH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 119 (GREAT SENECA HIGHWAY) AT
MD 124 (QUINCE ORCHARD ROAD)
GAITHERSBURG, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 05-01-95 CONTRACT NO. XY1515185

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO.

COUNTY MONTGOMERY
LOGMILE 15011902.57
TIMS NO.
TOD NO.

TS NO. 3523-F | DRAWING SG-1 OF 2 | SHEET NO. 1 OF 3

PLOTTED: Friday, March 22, 2013 AT 03:53 PM
FILE: P:\09-002 TEDD\Task 107 MD 119 Signals\Drawings\CADD\Working\MD119@MD124\pSG-P001_MD119@MD124.dgn

BY: jay