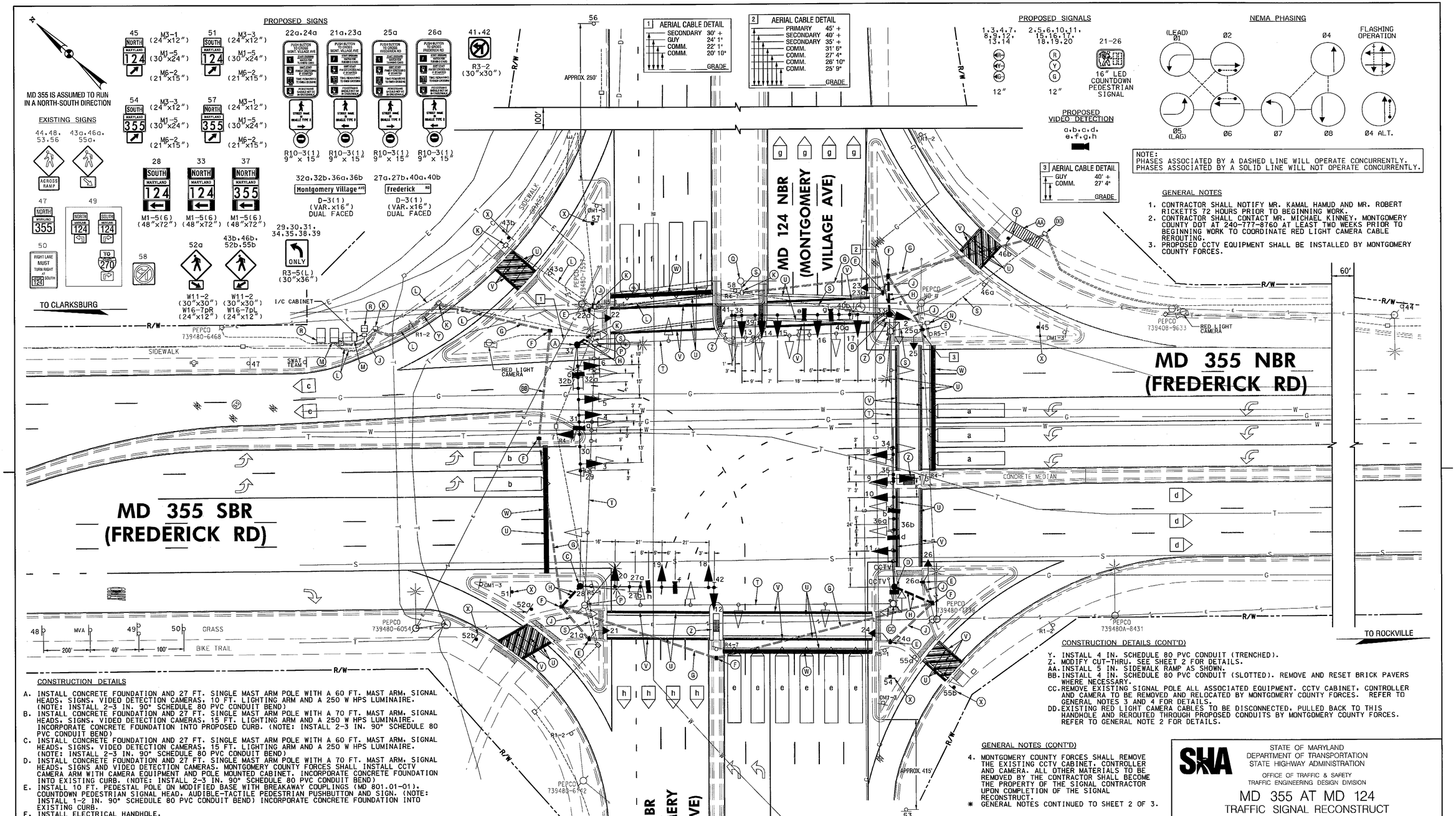

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY MR. KAMAL HAMUD AND MR. ROBERT RICKETTS 72 HOURS PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL CONTACT MR. MICHAEL KINNEY, MONTGOMERY COUNTY DOT AT 240-777-8760 AT LEAST TWO WEEKS PRIOR TO BEGINNING WORK TO COORDINATE RED LIGHT CAMERA CABLE REROUTING.
3. PROPOSED CCTV EQUIPMENT SHALL BE INSTALLED BY MONTGOMERY COUNTY FORCES.

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION AND 27 FT. SINGLE MAST ARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 10 FT. LIGHTING ARM AND A 250 W HPS LUMINAIRE. (NOTE: INSTALL 2-3 IN. 90° SCHEDULE 80 PVC CONDUIT BEND)
B. INSTALL CONCRETE FOUNDATION AND 27 FT. SINGLE MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 15 FT. LIGHTING ARM AND A 250 W HPS LUMINAIRE. INCORPORATE CONCRETE FOUNDATION INTO PROPOSED CURB. (NOTE: INSTALL 2-3 IN. 90° SCHEDULE 80 PVC CONDUIT BEND)
C. INSTALL CONCRETE FOUNDATION AND 27 FT. SINGLE MAST ARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 15 FT. LIGHTING ARM AND A 250 W HPS LUMINAIRE. (NOTE: INSTALL 2-3 IN. 90° SCHEDULE 80 PVC CONDUIT BEND)
D. INSTALL CONCRETE FOUNDATION AND 27 FT. SINGLE MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERAS. MONTGOMERY COUNTY FORCES SHALL INSTALL CCTV CAMERA ARM WITH CAMERA EQUIPMENT AND POLE MOUNTED CABINET. INCORPORATE CONCRETE FOUNDATION INTO EXISTING CURB. (NOTE: INSTALL 2-3 IN. 90° SCHEDULE 80 PVC CONDUIT BEND)
E. INSTALL 10 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01). COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-2 IN. 90° SCHEDULE 80 PVC CONDUIT BEND) INCORPORATE CONCRETE FOUNDATION INTO EXISTING CURB.
F. INSTALL ELECTRICAL HANDHOLE.
G. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT (BORED).
H. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED). REMOVE AND RESET BRICK PAVERS.
J. INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED). REMOVE AND RESET BRICK PAVERS WHERE NECESSARY.
K. USE EXISTING HANDHOLE.
L. USE EXISTING CONDUIT.
M. USE EXISTING CABINET.
N. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT.
P. REMOVE EXISTING SIGNAL POLE AND ALL ASSOCIATED EQUIPMENT.
Q. REMOVE EXISTING UNUSED LIGHT POLE.
R. REMOVE EXISTING UNUSED CABINET BASE. CAP AND ABANDON EXISTING CONDUIT.
S. CAP AND ABANDON EXISTING CONDUIT.
T. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
U. REMOVE EXISTING PAVEMENT MARKINGS.
V. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS (FOR CROSSWALK).
W. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS (FOR STOP LINE).
X. INSTALL PROPOSED GROUND MOUNTED SIGN ON 4 IN. X 6 IN. WOOD POST.

CONSTRUCTION DETAILS (CONT'D)

Y. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED).
Z. MODIFY CUT-THRU. SEE SHEET 2 FOR DETAILS.
AA. INSTALL 5 IN. SIDEWALK RAMP AS SHOWN.
BB. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT (SLOTTED). REMOVE AND RESET BRICK PAVERS WHERE NECESSARY.
CC. REMOVE EXISTING SIGNAL POLE ALL ASSOCIATED EQUIPMENT. CCTV CABINET, CONTROLLER AND CAMERA TO BE REMOVED AND RELOCATED BY MONTGOMERY COUNTY FORCES. REFER TO GENERAL NOTES 3 AND 4 FOR DETAILS.
DD. EXISTING RED LIGHT CAMERA CABLES TO BE DISCONNECTED, PULLED BACK TO THIS HANDHOLE AND REROUTED THROUGH PROPOSED CONDUITS BY MONTGOMERY COUNTY FORCES. REFER TO GENERAL NOTE 2 FOR DETAILS.

GENERAL NOTES (CONT'D)

4. MONTGOMERY COUNTY FORCES SHALL REMOVE THE EXISTING CCTV CABINET, CONTROLLER AND CAMERA. ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL RECONSTRUCT.

* GENERAL NOTES CONTINUED TO SHEET 2 OF 3.

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 125 YEARS
PARSONS BRINCKERHOFF
100 S. Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201
(PH) 410 727 6050
(FAX) 410 727 4608

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

REVISIONS
1 TRAFFIC SIGNAL RECONSTRUCTION APSCPS UPGRADE
SHA NO. XX555185 TIMS NO. K627 08/19/2011
F BATTERY BACKUP
SHA NO. XX395185 TIMS NO. K717 2/1/2011
E NEW GEOMETRICS AND REBUILD SIGNALS
SHA NO. MO819A21 TIMS NO. D124 12/1999

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

MD 355 AT MD 124
TRAFFIC SIGNAL RECONSTRUCT
GAITHERSBURG, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE _____ CONTRACT NO. _____
DESIGNED BY _____ COUNTY MONTGOMERY
DRAWN BY B. THOMPSON LOGMILE 15035515.43
CHECKED BY _____ TIMS NO. _____
F.A.P. NO. _____ TOD NO. _____

TS NO. 28G | DRAWING SG-01 OF 03 | SHEET NO. 1 OF 3

PLOTTED: Friday, August 19, 2011 AT 05:22 PM
FILE: T:\17312\4-TrafficDesignServices\TRP\2\Plans\pSG_F000_MD 355 @ MD 124.dgn

BY: fukui