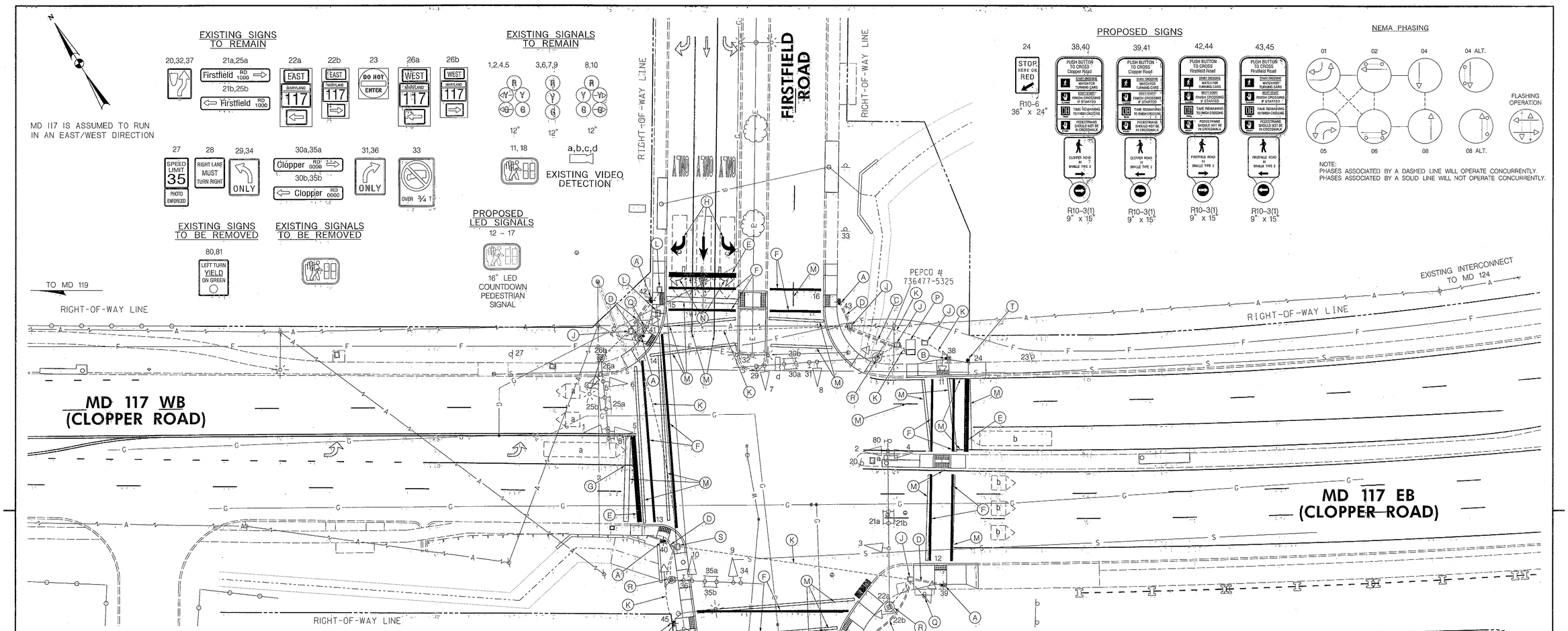

CONSTRUCTION DETAILS:

A. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. REMOVE EXISTING PUSHBUTTON AND SIGN ON EXISTING POLE. INSTALL AUDIBLE TACTILE PUSHBUTTON AND SIGN, RUN A NEW WIRE.
C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED
D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.
E. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
F. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
G. INSTALL 5 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
H. INSTALL WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS.
J. USE EXISTING HANDHOLE.
K. USE EXISTING CONDUIT.
L. REMOVE EXISTING HANDHOLE, CAP AND ABANDON EXISTING CONDUIT.
M. REMOVE EXISTING PAVEMENT MARKING LINES.
N. REMOVE EXISTING PAVEMENT MARKING SYMBOLS.
P. USE EXISTING CABINET AND CONTROLLER.
Q. REMOVE EXISTING PEDESTRIAN POLE WITH ALL ATTACHED EQUIPMENT, CAP AND ABANDON EXISTING CONDUIT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
R. REMOVE EXISTING PEDESTRIAN SIGNAL, PUSHBUTTON, SIGN AND WIRE FROM EXISTING SIGNAL POLE.
S. ADJUST EXISTING HANDHOLE TO GRADE AND REPLACE FRAME AND COVER.
T. INSTALL NEW SIGN ON ONE SQUARE PERFORATED TUBULAR STEEL SIGN POST.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. 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 ED RODENHIZER AT THE SIGNAL SHOP (410) 787-7650 TO DELIVER APS EQUIPMENT FOR TESTING.
8. THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.

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 CABLES

BY: fanyong

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

REVISIONS
(B) 08/2013 TIMS-M055 SHA NO. XY2385185 UPGRADE SIGNAL TO APS/CPS.
DB MLP CJW
(A) 03/2003 SHA NO. M0813517I. SIGNAL MODIFICATION DUE TO GEOMETRIC CHANGES
SWA

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD ROUTE 117 (CLOPPER ROAD)
AND FIRSTFIELD ROAD
GAITHERSBURG, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 8/24/1984 CONTRACT NO. M-508501385

DESIGNED BY	G.E.C	COUNTY	MONTGOMERY
DRAWN BY	G.E.C	LOGMILE	15011711.08
CHECKED BY	D.J.D	TIMS NO.	N/A
F.A.P. NO.		TOD NO.	N/A

TS NO. 2028B | DRAWING SG-1 OF 3 | SHEET NO. 1 OF 3

PLOTTED: Wednesday, August 21, 2013 AT 04:59 PM
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