MD 586 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

CROSSWALK DETAIL

PROPOSED SIGNS

7: R10-4 MOD (9"X12") — PUSH BUTTON PRIOR TO CROSSING VEIRS MILL ROAD

8: R10-4 MOD (9"X12") — PUSH BUTTON PRIOR TO CROSSING VEIRS MILL ROAD

9: R10-4 MOD (9"X12") — PUSH BUTTON PRIOR TO CROSSING VEIRS MILL ROAD

5,6: W11-2 FY (48"X48")

10,11: W11-2 FY (36"X36") M6-2(R) FY (30"X24")

12,13: W11-2 FY (36"X36") M6-2(L) FY (30"X24")

19: R4-7 (24"X30")

18: Claridge Rd — W2-2 FY (30"X30") D3-2 FY (60"X12")

14: R4-7 @ 15° (24"X30")

15: R3-4 (36"X36")

16,17: OM1-3 FY (18"X18")

EXISTING SIGNS TO BE REMOVED

28,21: (30"X30") (21"X15")

20: Claridge Rd (30"X30") (60"X12")

24,25: AHEAD (30"X30") (30"X10")

26: (30"X30") (21"X15")

27: (30"X30") (21"X15") (24"X30")

23: (24"X30")

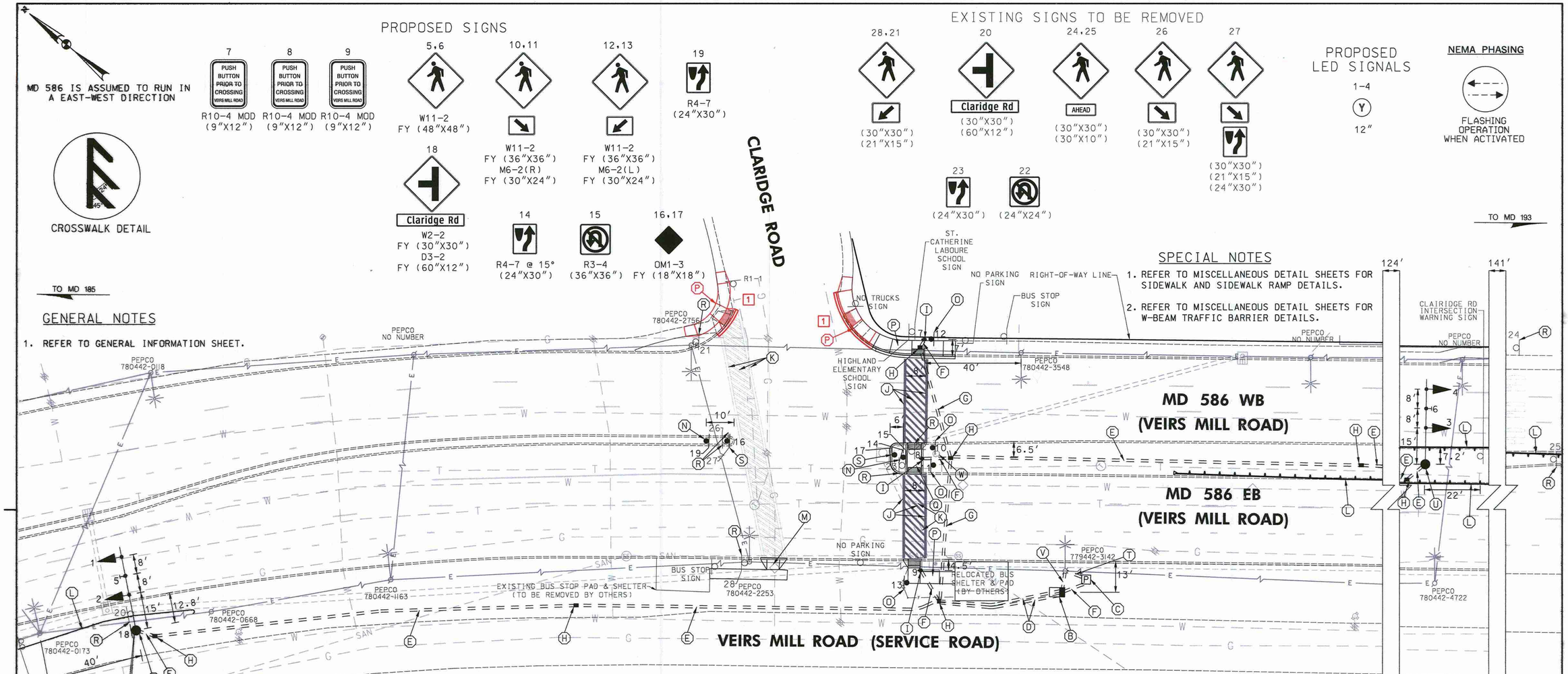
22: (24"X24")

PROPOSED LED SIGNALS

1-4: Y 12"

NEMA PHASING

FLASHING OPERATION WHEN ACTIVATED



GENERAL NOTES

1. REFER TO GENERAL INFORMATION SHEET.

SPECIAL NOTES

1. REFER TO MISCELLANEOUS DETAIL SHEETS FOR SIDEWALK AND SIDEWALK RAMP DETAILS.
2. REFER TO MISCELLANEOUS DETAIL SHEETS FOR W-BEAM TRAFFIC BARRIER DETAILS.

AERIAL CABLE DETAIL

PRIMARY	40' +
PRIMARY	35' +
SECONDARY	26' 10"
COMMUNICATION	20' 8"
GRADE	

RIGHT-OF-WAY LINE

CONSTRUCTION DETAILS

A. INSTALL 16.5 FT. STEEL MAST ARM POLE ('T' DIMENSION = 15 FT.) WITH 35 FT. MAST ARM WITH TRAFFIC SIGNAL HEADS AND SIGN. USE STEEL MAST ARM POLE FOR 60/70 FT. MAST ARM. USE 35 FT. MAST ARM BUTT SECTION FOR 60 FT. MAST ARM. INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE. CLEAN, CUT, GALVANIZE AND CAP MAST ARM. BAND SIGN TO MAST ARM POLE.

B. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER. INSTALL 2-2 IN. AND 2-4 IN. PVC CONDUIT BENDS.

C. INSTALL METERED SERVICE PEDESTAL - EMBEDDED.

D. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

E. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

F. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED.

H. INSTALL ELECTRICAL HANDHOLE.

I. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH PUSHBUTTON WITH LED INDICATOR AND SIGN (ORIENT PARALLEL TO CROSSWALK). INSTALL 1-2 IN. PVC CONDUIT BEND IN POLE BASE. CUT, CLEAN, GALVANIZE AND CAP SIGNAL STRUCTURE. USE STANDARD MD 801.01-01.

J. INSTALL 12 INCH WHITE LEAD FREE HEAT APPLIED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.

K. REMOVE EXISTING PAVEMENT MARKINGS.

L. INSTALL W-BEAM TRAFFIC BARRIER AND END TREATMENTS. REFER TO MISCELLANEOUS DETAIL SHEETS FOR DETAILS.

M. SIDEWALK RAMP TO BE REMOVED. REFER TO MISCELLANEOUS DETAIL SHEETS FOR DETAILS.

N. INSTALL GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT (DRILLED). INSTALL SLEEVED FOUNDATION PER STANDARD MD 812.05-01 & 812.05-02.

O. INSTALL GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT (DRILLED).

P. INSTALL SIDEWALK AND SIDEWALK RAMP. REFER TO MISCELLANEOUS DETAIL SHEETS FOR DETAILS.

Q. INSTALL MEDIAN CUT THROUGH. REFER TO MISCELLANEOUS DETAIL SHEETS FOR DETAILS.

R. REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS.

S. INSTALL GROUND MOUNTED SIGNS ON 1-4"X4" WOOD SIGN SUPPORT. INSTALL SLEEVED FOUNDATION PER STANDARD MD 812.05-01 & 812.05-02. SIGN SHALL BE INSTALLED 2' FROM THE NOSE OF THE MEDIAN.

T. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED FOR ELECTRICAL SERVICE. STUB AT UTILITY POLE.

U. INSTALL 16.5 FT. STEEL MAST ARM POLE ('T' DIMENSION = 15 FT.) WITH 35 FT. MAST ARM WITH TRAFFIC SIGNAL HEADS AND SIGN. USE STEEL MAST ARM POLE FOR 60/70 FT. MAST ARM. USE 35 FT. MAST ARM BUTT SECTION FOR 60 FT. MAST ARM. INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE. CLEAN, CUT, GALVANIZE AND CAP MAST ARM.

V. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED FOR PHONE DROP. STUB AT UTILITY POLE.

W. EXISTING TREE TO BE REMOVED BY SHA FORCES. PLEASE CONTACT DAVID POSEY AT 410-787-6234 IF FURTHER INFORMATION IS NEEDED.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

BY: BJG

APPROVAL: Brian W. Biddle
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
REDLINE NO. 1
1 03/01/2011
ADD SIDEWALK RAMP REPLACEMENT FOR NE & NW CORNER OF MD 586 AT CLARIDGE RD

RK&K
Rummel, Klepper & Kahl, LLP
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Engineers Construction Managers Planners Scientists
www.rkk.com

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

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

MD 586 PED CROSSING NEAR CLARIDGE ROAD
SILVER SPRING, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE JANUARY 2011 CONTRACT NO. XX3545168

DESIGNED BY BJG
DRAWN BY AMR
CHECKED BY BLB
FAP NO.
COUNTY MONTGOMERY
LOGMILE I5058604.40
TIMS NO. K508
TOD NO.

TS NO. 4763 | DRAWING SP-1 OF 2 | SHEET NO. 1 OF 5

PLOTTED: Tuesday, March 01, 2011 AT 08:39 AM
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