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

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")

CROSSWALK DETAIL

2
7 — PUSH BUTTON BEFORE CROSSING VEIRS MILL ROAD — VEIRS MILL RD & BRAILLE TYPE 2 — VEIRS MILL RD R10-4 MOD (9"X12")
8 — PUSH BUTTON BEFORE CROSSING VEIRS MILL ROAD — VEIRS MILL RD & BRAILLE TYPE 2 — VEIRS MILL RD R10-4 MOD (9"X12")
9 — PUSH BUTTON BEFORE CROSSING VEIRS MILL ROAD — VEIRS MILL RD & BRAILLE TYPE 2 — VEIRS MILL RD R10-4 MOD (9"X12")

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

TO MD 185

TO MD 193

CLARIDGE ROAD

VEIRS MILL ROAD (SERVICE ROAD)

MD 586 WB (VEIRS MILL ROAD)

MD 586 EB (VEIRS MILL ROAD)

PEPCO 780442-2756
PEPCO NO NUMBER
PEPCO 780442-2118
PEPCO 780442-1163
PEPCO 780442-0668
PEPCO 780442-0173
PEPCO 780442-2253
PEPCO 780442-3548
PEPCO 779442-3142
PEPCO 780442-4722

EXISTING BUS STOP PAD & SHELTER (TO BE REMOVED BY OTHERS)
BUS STOP SIGN
RELOCATED BUS SHELTER & PAD (BY OTHERS)

ST. CATHERINE LABOURE SCHOOL SIGN
NO PARKING SIGN
RIGHT-OF-WAY LINE
NO TRUCKS SIGN
BUS STOP SIGN
HIGHLAND ELEMENTARY SCHOOL SIGN
NO PARKING SIGN
CLAIRIDGE RD INTERSECTION WARNING SIGN
LANE USE SIGN

AERIAL CABLE DETAIL

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

RIGHT-OF-WAY LINE

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.

GENERAL NOTES

1. REFER TO GENERAL INFORMATION SHEET.

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. INSTALL MODEL X CENTRAL CONTROL UNIT. [2]

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.

[2] I. INSTALL 10 FT. ~~5 FT.~~ BREAKAWAY PEDESTAL POLE WITH ~~PUSHBUTTON WITH LED INDICATOR~~ APS MODEL X PEDESTRIAN PUSHBUTTON 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.

[2] J. INSTALL 12 INCH WHITE ~~LEAD FREE~~ PERMANENT PREFORMED 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.

APPROVAL: [signature] 9/27/2011
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
REDLINE NO. 2
[2] 09/22/2011 MODIFY PUSHBUTTONS

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

BY: BJG

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REVISIONS

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	COUNTY	MONTGOMERY
DRAWN BY	AMR	LOGMILE	15058604.40
CHECKED BY	BLB	TIMS NO.	K508
FAP NO.		TOD NO.	
TS NO.	4763	DRAWING	SP-1 OF 2
SHEET NO.	1 OF 5		

PLOTTED: Thursday, September 22, 2011 AT 10:32 AM
FILE: \\rkkm\v2008\2008\08148_tcddes\Task 25_MD 586 HIB\CADD\pSG-P001_MD586.dgn