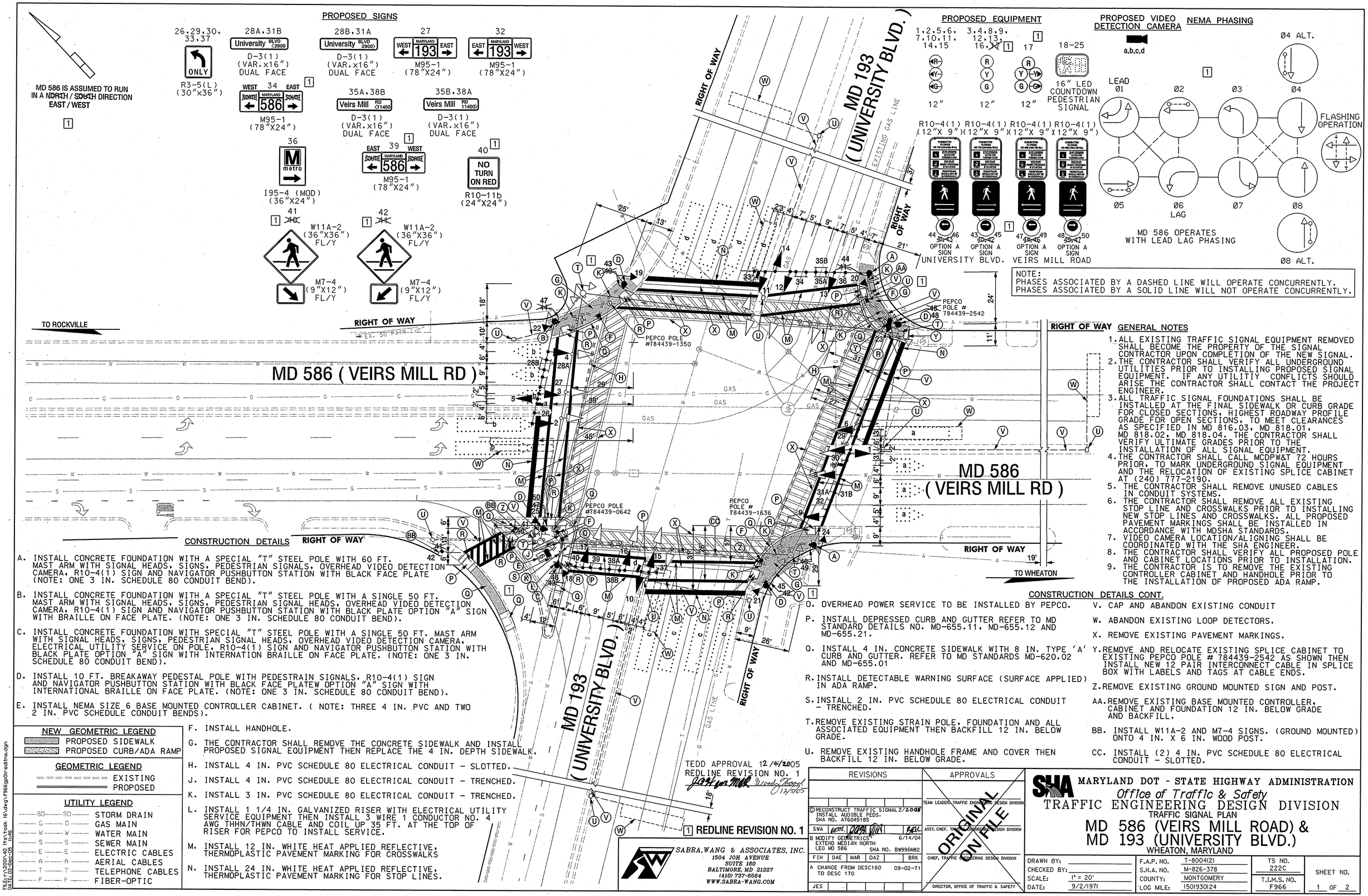
PROPOSED SIGNS
MD 586 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION EAST / WEST
26,29,30,33,37
ONLY
R3-5(L) (30"x36")
28A,31B
University BLVD <2900
D-3(1) (VAR.x16") DUAL FACE
28B,31A
University BLVD 2900>
D-3(1) (VAR.x16") DUAL FACE
27
WEST MARYLAND 193 EAST
M95-1 (78"X24")
32
EAST MARYLAND 193 WEST
M95-1 (78"X24")
WEST 34 EAST
NORTH MARYLAND 586 SOUTH
M95-1 (78"X24")
35A,38B
Veirs Mill RD <11400
D-3(1) (VAR.x16") DUAL FACE
35B,38A
Veirs Mill RD 11400>
D-3(1) (VAR.x16") DUAL FACE
36
M metro
I95-4 (MOD) (36"X24")
EAST 39 WEST
SOUTH MARYLAND 586 NORTH
M95-1 (78"X24")
40
NO TURN ON RED
R10-11b (24"X24")
41
W11A-2 (36"X36") FL/Y
M7-4 (9"X12") FL/Y
42
W11A-2 (36"X36") FL/Y
M7-4 (9"X12") FL/Y
PROPOSED EQUIPMENT
1,2,5,6,7,10,11,14,15
3,4,8,9,12,13,16,
17
18-25
16" LED COUNTDOWN PEDESTRIAN SIGNAL
12"
R10-4(1) (12"X 9")
OPTION A SIGN
UNIVERSITY BLVD.
VEIRS MILL ROAD
PROPOSED VIDEO DETECTION CAMERA
a,b,c,d
NEMA PHASING
LEAD
LAG
FLASHING OPERATION
MD 586 OPERATES WITH LEAD LAG PHASING
Ø4 ALT.
Ø8 ALT.
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
TO ROCKVILLE
RIGHT OF WAY
MD 586 (VEIRS MILL RD)
MD 193 (UNIVERSITY BLVD.)
EXISTING GAS LINE
PEPCO POLE #784439-1350
PEPCO POLE # 784439-2542
PEPCO POLE #784439-0642
PEPCO POLE # 784439-1636
TO WHEATON
GENERAL NOTES
1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. 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.
4. THE CONTRACTOR SHALL CALL MCDPW&T 72 HOURS PRIOR, TO MARK UNDERGROUND SIGNAL EQUIPMENT AND THE RELOCATION OF EXISTING SPLICE CABINET AT (240) 777-2190.
5. THE CONTRACTOR SHALL REMOVE UNUSED CABLES IN CONDUIT SYSTEMS.
6. THE CONTRACTOR SHALL REMOVE ALL EXISTING STOP LINE AND CROSSWALKS PRIOR TO INSTALLING NEW STOP LINES AND CROSSWALKS. ALL PROPOSED PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.
7. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
8. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
9. THE CONTRACTOR IS TO REMOVE THE EXISTING CONTROLLER CABINET AND HANDHOLE PRIOR TO THE INSTALLATION OF PROPOSED ADA RAMP.
CONSTRUCTION DETAILS
A. INSTALL CONCRETE FOUNDATION WITH A SPECIAL "T" STEEL POLE WITH 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNALS, OVERHEAD VIDEO DETECTION CAMERA, R10-4(1) SIGN AND NAVIGATOR PUSHBUTTON STATION WITH BLACK FACE PLATE (NOTE: ONE 3 IN. SCHEDULE 80 CONDUIT BEND).
B. INSTALL CONCRETE FOUNDATION WITH A SPECIAL "T" STEEL POLE WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, OVERHEAD VIDEO DETECTION CAMERA, R10-4(1) SIGN AND NAVIGATOR PUSHBUTTON STATION WITH BLACK PLATE OPTION "A" SIGN WITH BRAILLE ON FACE PLATE. (NOTE: ONE 3 IN. SCHEDULE 80 CONDUIT BEND).
C. INSTALL CONCRETE FOUNDATION WITH SPECIAL "T" STEEL POLE WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, OVERHEAD VIDEO DETECTION CAMERA, ELECTRICAL UTILITY SERVICE ON POLE, R10-4(1) SIGN AND NAVIGATOR PUSHBUTTON STATION WITH BLACK PLATE OPTION "A" SIGN WITH INTERNATION BRAILLE ON FACE PLATE. (NOTE: ONE 3 IN. SCHEDULE 80 CONDUIT BEND).
D. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRAIN SIGNALS, R10-4(1) SIGN AND NAVIGATOR PUSHBUTTON STATION WITH BLACK FACE PLATEW OPTION "A" SIGN WITH INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: ONE 3 IN. SCHEDULE 80 CONDUIT BEND).
E. INSTALL NEMA SIZE 6 BASE MOUNTED CONTROLLER CABINET. (NOTE: THREE 4 IN. PVC AND TWO 2 IN. PVC SCHEDULE CONDUIT BENDS).
F. INSTALL HANDHOLE.
G. THE CONTRACTOR SHALL REMOVE THE CONCRETE SIDEWALK AND INSTALL PROPOSED SIGNAL EQUIPMENT THEN REPLACE THE 4 IN. DEPTH SIDEWALK.
H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
L. INSTALL 1 1/4 IN. GALVANIZED RISER WITH ELECTRICAL UTILITY SERVICE EQUIPMENT THEN INSTALL 3 WIRE 1 CONDUCTOR NO. 4 AWG THHN/THWN CABLE AND COIL UP 35 FT. AT THE TOP OF RISER FOR PEPCO TO INSTALL SERVICE.
M. INSTALL 12 IN. WHITE HEAT APPLIED REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS
N. INSTALL 24 IN. WHITE HEAT APPLIED REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING FOR STOP LINES.
O. OVERHEAD POWER SERVICE TO BE INSTALLED BY PEPCO.
P. INSTALL DEPRESSED CURB AND GUTTER REFER TO MD STANDARD DETAILS NO. MD-655.11, MD-655.12 AND MD-655.21.
Q. INSTALL 4 IN. CONCRETE SIDEWALK WITH 8 IN. TYPE 'A' CURB AND GUTTER. REFER TO MD STANDARDS MD-620.02 AND MD-655.01
R. INSTALL DETECTABLE WARNING SURFACE (SURFACE APPLIED) IN ADA RAMP.
S. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
T. REMOVE EXISTING STRAIN POLE, FOUNDATION AND ALL ASSOCIATED EQUIPMENT THEN BACKFILL 12 IN. BELOW GRADE.
U. REMOVE EXISTING HANDHOLE FRAME AND COVER THEN BACKFILL 12 IN. BELOW GRADE.
V. CAP AND ABANDON EXISTING CONDUIT
W. ABANDON EXISTING LOOP DETECTORS.
X. REMOVE EXISTING PAVEMENT MARKINGS.
Y. REMOVE AND RELOCATE EXISTING SPLICE CABINET TO EXISTING PEPCO POLE # 784439-2542 AS SHOWN THEN INSTALL NEW 12 PAIR INTERCONNECT CABLE IN SPLICE BOX WITH LABELS AND TAGS AT CABLE ENDS.
Z. REMOVE EXISTING GROUND MOUNTED SIGN AND POST.
AA. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
BB. INSTALL W11A-2 AND M7-4 SIGNS. (GROUND MOUNTED) ONTO 4 IN. X 6 IN. WOOD POST.
CC. INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
NEW GEOMETRIC LEGEND
PROPOSED SIDEWALK
PROPOSED CURB/ADA RAMP
GEOMETRIC LEGEND
EXISTING
PROPOSED
UTILITY LEGEND
STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC
TEDD APPROVAL 12/4/2005
REDLINE REVISION NO. 1
1 REDLINE REVISION NO. 1
SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM
REVISIONS
APPROVALS
ORIGINAL ON FILE
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
C RECONSTRUCT TRAFFIC SIGNAL INSTALL AUDIBLE PEDS. SHA NO. AT6045185 2/2005
B MODIFY GEOMETRICS EXTEND MEDIAN NORTH LEG MD 586 SHA NO. BW996M82 6/14/04
A CHANGE FROM DESC160 TO DESC 170 09-02-71
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 586 (VEIRS MILL ROAD) & MD 193 (UNIVERSITY BLVD.)
WHEATON, MARYLAND
DRAWN BY:
CHECKED BY:
SCALE: 1" = 20'
DATE: 9/2/1971
F.A.P. NO. T-8004(2)
S.H.A. NO. M-826-378
COUNTY: MONTGOMERY
LOG MILE: 1501930124
TS NO. 222C
T.I.M.S. NO. F966
SHEET NO. 1 OF 2
FILE: r:\2001\40 ttl\task 16\dwg\1966gp01redline.dgn
DATE: 02-Dec-05 11:46