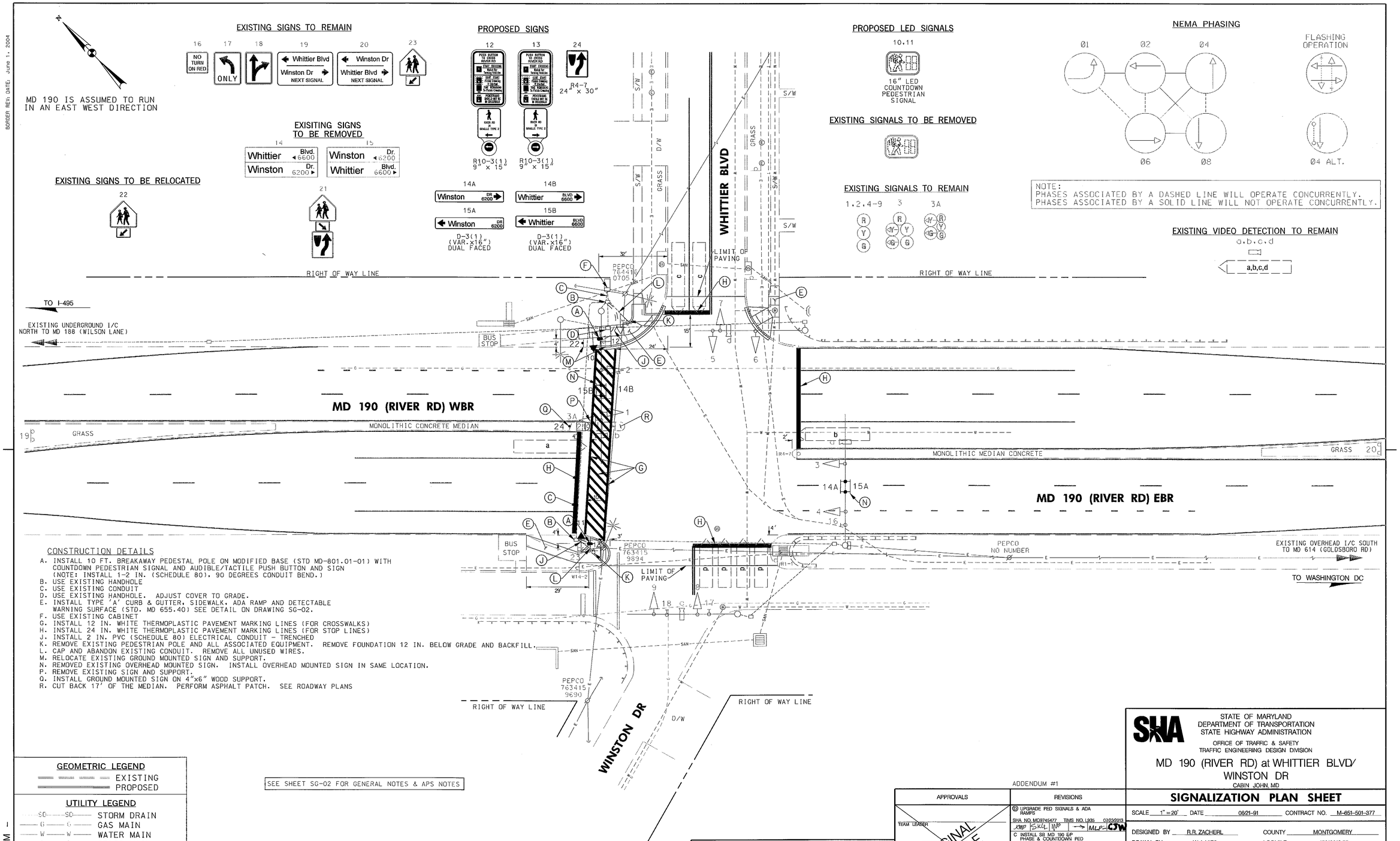
MD 190 IS ASSUMED TO RUN IN AN EAST WEST DIRECTION
EXISTING SIGNS TO REMAIN
16 NO TURN ON RED
17 ONLY
18
19 Whittier Blvd Winston Dr NEXT SIGNAL
20 Winston Dr Whittier Blvd NEXT SIGNAL
23
EXISITING SIGNS TO BE REMOVED
14 Whittier Blvd. 6600 Winston Dr. 6200
15 Winston Dr. 6200 Whittier Blvd. 6600
EXISTING SIGNS TO BE RELOCATED
22
21
PROPOSED SIGNS
12 PUSH BUTTON TO CROSS RIVER RD
13 PUSH BUTTON TO CROSS RIVER RD
24 R4-7 24" x 30"
R10-3(1) 9" x 15"
R10-3(1) 9" x 15"
14A Winston DR 6200
14B Whittier BLVD 6600
15A Winston DR 6200
15B Whittier BLVD 6600
D-3(1) (VAR.x16") DUAL FACED
D-3(1) (VAR.x16") DUAL FACED
PROPOSED LED SIGNALS
10,11
16" LED COUNTDOWN PEDESTRIAN SIGNAL
EXISTING SIGNALS TO BE REMOVED
EXISTING SIGNALS TO REMAIN
1,2,4-9 3 3A
NEMA PHASING
Ø1 Ø2 Ø4 Ø6 Ø8
FLASHING OPERATION
Ø4 ALT.
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
EXISTING VIDEO DETECTION TO REMAIN
a,b,c,d
a,b,c,d
WHITTIER BLVD
S/W
D/W
GRASS
LIMIT OF PAVING
RIGHT OF WAY LINE
TO I-495
EXISTING UNDERGROUND I/C NORTH TO MD 188 (WILSON LANE)
BUS STOP
PEPCO 764416 0705
MD 190 (RIVER RD) WBR
MONOLITHIC CONCRETE MEDIAN
MD 190 (RIVER RD) EBR
MONOLITHIC MEDIAN CONCRETE
PEPCO 763415 9894
PEPCO 763415 9690
PEPCO NO NUMBER
EXISTING OVERHEAD I/C SOUTH TO MD 614 (GOLDSBORO RD)
TO WASHINGTON DC
WINSTON DR
CONSTRUCTION DETAILS
A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE ON MODIFIED BASE (STD MD-801.01-01) WITH COUNTDOWN PEDESTRIAN SIGNAL AND AUDIBLE/TACTILE PUSH BUTTON AND SIGN (NOTE: INSTALL 1-2 IN. (SCHEDULE 80), 90 DEGREES CONDUIT BEND.)
B. USE EXISTING HANDHOLE
C. USE EXISTING CONDUIT
D. USE EXISTING HANDHOLE. ADJUST COVER TO GRADE.
E. INSTALL TYPE 'A' CURB & GUTTER, SIDEWALK, ADA RAMP AND DETECTABLE WARNING SURFACE (STD. MD 655.40) SEE DETAIL ON DRAWING SG-02.
F. USE EXISTING CABINET
G. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING LINES (FOR CROSSWALKS)
H. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING LINES (FOR STOP LINES)
J. INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
K. REMOVE EXISTING PEDESTRIAN POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
L. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
M. RELOCATE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
N. REMOVED EXISTING OVERHEAD MOUNTED SIGN. INSTALL OVERHEAD MOUNTED SIGN IN SAME LOCATION.
P. REMOVE EXISTING SIGN AND SUPPORT.
Q. INSTALL GROUND MOUNTED SIGN ON 4"x6" WOOD SUPPORT.
R. CUT BACK 17' OF THE MEDIAN. PERFORM ASPHALT PATCH. SEE ROADWAY PLANS
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
SEE SHEET SG-02 FOR GENERAL NOTES & APS NOTES
PARSONS BRINCKERHOFF
100 S. Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201
(Ph) 410-787-5050
(Fax) 410-727-4608
http://www.pbworld.com
APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE
ADDENDUM #1
REVISIONS
D UPGRADE PED SIGNALS & ADA RAMPS
SHA NO. MD9745477 TIMS NO. 1935 07/23/2013
C INSTALL SB MD 190 EP PHASE & COUNTDOWN PED SIGNAL
SHA NO. TIMS NO. 05/18/2005
B RECONSTRUCT SIGNAL
SHA NO. XX1065265 TIMS NO. F679 04/09/2003
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 190 (RIVER RD) at WHITTIER BLVD/ WINSTON DR
CABIN JOHN, MD
SIGNALIZATION PLAN SHEET
SCALE 1" = 20' DATE 08/21-91 CONTRACT NO. M-651-501-377
DESIGNED BY R.R. ZACHERL
DRAWN BY W.J. NIES
CHECKED BY
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE 15.019013.55
TIMS NO. N/A
TOD NO. N/A
TS NO. 3176-D
DRAWING SG-01 OF 03
SHEET NO. 35 OF 37
PLOTTED: Friday, August 02, 2013 AT 09:02 AM
FILE: T:\173124A-TrafficDesignServices\TRF\138\Plans\p8G-P001_MD 190 @ Winston.dgn
DRILL HOLES
BORDER REV: DATE: June 1, 2004
BY: WagnerM