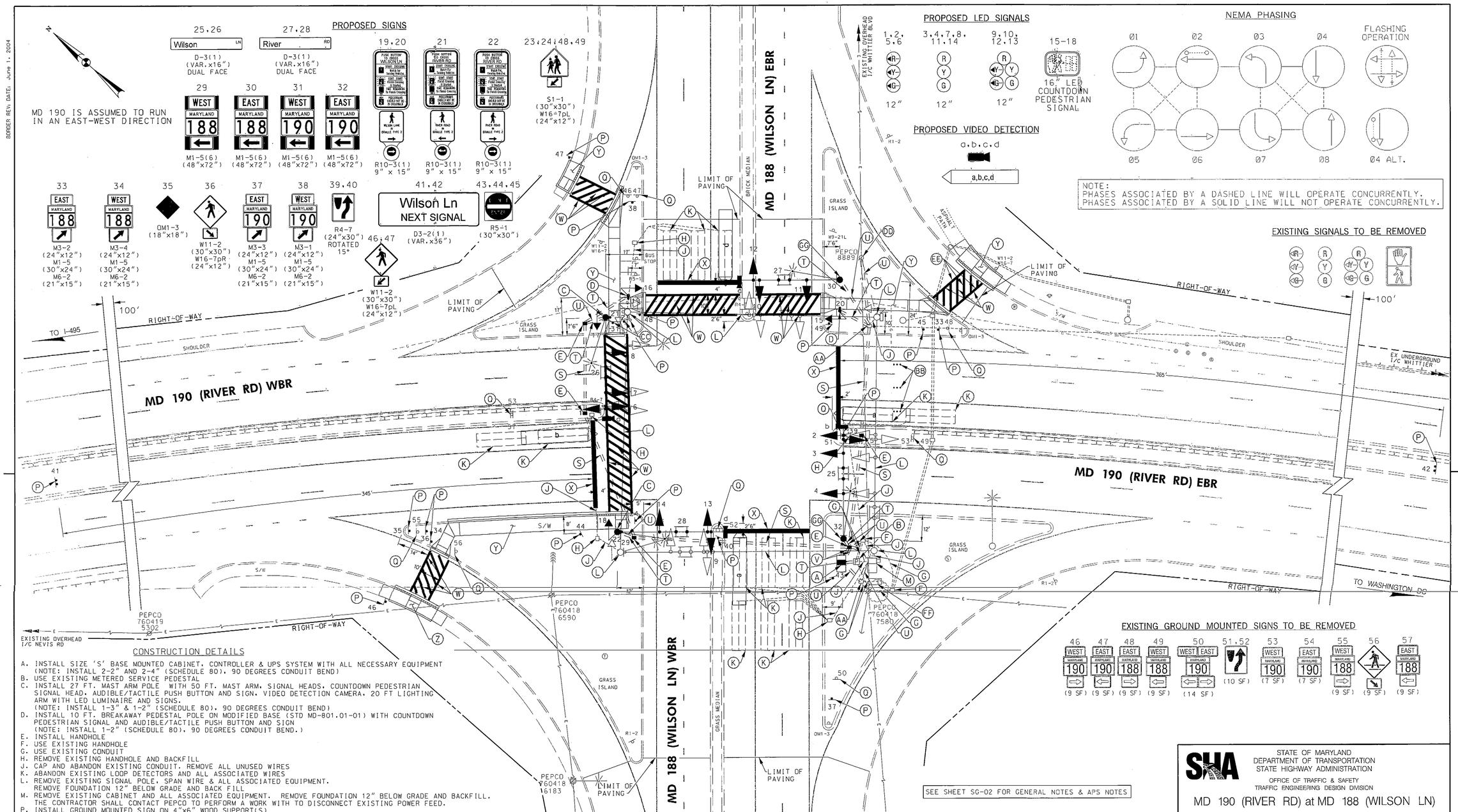

CONSTRUCTION DETAILS

A. INSTALL SIZE 'S' BASE MOUNTED CABINET, CONTROLLER & UPS SYSTEM WITH ALL NECESSARY EQUIPMENT (NOTE: INSTALL 2-2" AND 2-4" (SCHEDULE 80), 90 DEGREES CONDUIT BEND)
B. USE EXISTING METERED SERVICE PEDESTAL
C. INSTALL 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PUSH BUTTON AND SIGN, VIDEO DETECTION CAMERA, 20 FT LIGHTING ARM WITH LED LUMINAIRE AND SIGNS. (NOTE: INSTALL 1-3" & 1-2" (SCHEDULE 80), 90 DEGREES CONDUIT BEND)
D. 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" (SCHEDULE 80), 90 DEGREES CONDUIT BEND.)
E. INSTALL HANDHOLE
F. USE EXISTING HANDHOLE
G. USE EXISTING CONDUIT
H. REMOVE EXISTING HANDHOLE AND BACKFILL
J. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES
K. ABANDON EXISTING LOOP DETECTORS AND ALL ASSOCIATED WIRES
L. REMOVE EXISTING SIGNAL POLE, SPAN WIRE & ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12" BELOW GRADE AND BACK FILL
M. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12" BELOW GRADE AND BACKFILL. THE CONTRACTOR SHALL CONTACT PEPCO TO PERFORM A WORK WITH TO DISCONNECT EXISTING POWER FEED.
P. INSTALL GROUND MOUNTED SIGN ON 4"x6" WOOD SUPPORT(S)
Q. REMOVE GROUND MOUNTED SIGN(S) AND SUPPORT(S)
R. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - SLOTTED
S. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED
T. INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
U. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
V. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
W. INSTALL 12" WHITE THERMOPLASTIC PAVEMENT MARKING LINES (FOR CROSSWALKS)
X. INSTALL 24" WHITE THERMOPLASTIC PAVEMENT MARKING LINES (FOR STOP LINES)
Y. INSTALL SIDEWALK, CURB & GUTTER, ADA RAMP & DETECTABLE WARNING SURFACE (MD STD 655.40). SEE SG-02 FOR DETAILS
Z. INSTALL STANDARD SIDEWALK RAMP (MD STD 655.12) WITH TYPE 'A' BACKER CURB AND WITH DETECTABLE WARNING SURFACE (MD STD 655.40)
AA. USE EXISTING HANDHOLE. PULL BACK AND REROUTE EXISTING INTERCONNECT TO PROPOSED CABINET THRU PROPOSED CONDUIT
BB. REPLACE NINE (9) RED LIGHT CAMERA SENSYS SENSOR CUBES. COORDINATE WITH MONTGOMERY COUNTY ON PLACEMENT
CC. RELOCATE CCTV CAMERA AND ALL ASSOCIATED EQUIPMENT TO PROPOSED SIGNAL POLE. COORDINATE WITH MONTGOMERY COUNTY FORCES
DD. USE EXISTING UTILITY POLE (#8889). INSTALL 3" PVC RISER WITH 3" WEATHERHEAD. PULL BACK EXISTING INTERCONNECT CABLE AND REROUTE TO PROPOSED CABINET THRU PROPOSED CONDUIT

CONSTRUCTION DETAILS CON'T

EE. REMOVE EXISTING PAVEMENT MARKINGS (ANY WIDTH)
FF. USE EXISTING INTERCONNECT CABINET
GG. INSTALL 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, VIDEO DETECTION CAMERA, 20 FT LIGHTING ARM WITH LED LUMINAIRE AND SIGNS. (NOTE: INSTALL 1-3" & 1-2" (SCHEDULE 80), 90 DEGREES CONDUIT BEND)

SEE SHEET SG-02 FOR GENERAL NOTES & APS NOTES

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

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

ADDENDUM #1

REVISIONS
⑥ FULL SIGNAL RECONSTRUCT
SHA NO. MO9745477 TIMS NO. L935 7/23/2013
⑤ E RED LIGHT CAMERA INSTALLATION
SHA NO. BW3138383 TIMS NO. L424 6/14/2012
④ ADDED EP LEFT TURN SIGNALS BOTH APPROACHES OF MD 188 TIMS NO. D799 08/2000

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

MD 190 (RIVER RD) at MD 188 (WILSON LN)

CABIN JOHN, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE 06-21-91 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 150/8320.90
TIMS NO. N/A
TOD NO. N/A

TS NO. 3175F | DRAWING SG-01 OF 03 | SHEET NO. 32 OF 37

PLOTTED: Wednesday, August 07, 2013 AT 02:53 PM
FILE: T:\173124A-TrafficDesignServices\TRF\138\Plans\pSG-P001_MD 190 @ MD 188.dgn

DRILL HOLES
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BORDER REV: DATE: June 1, 2004
BY: WagnerM