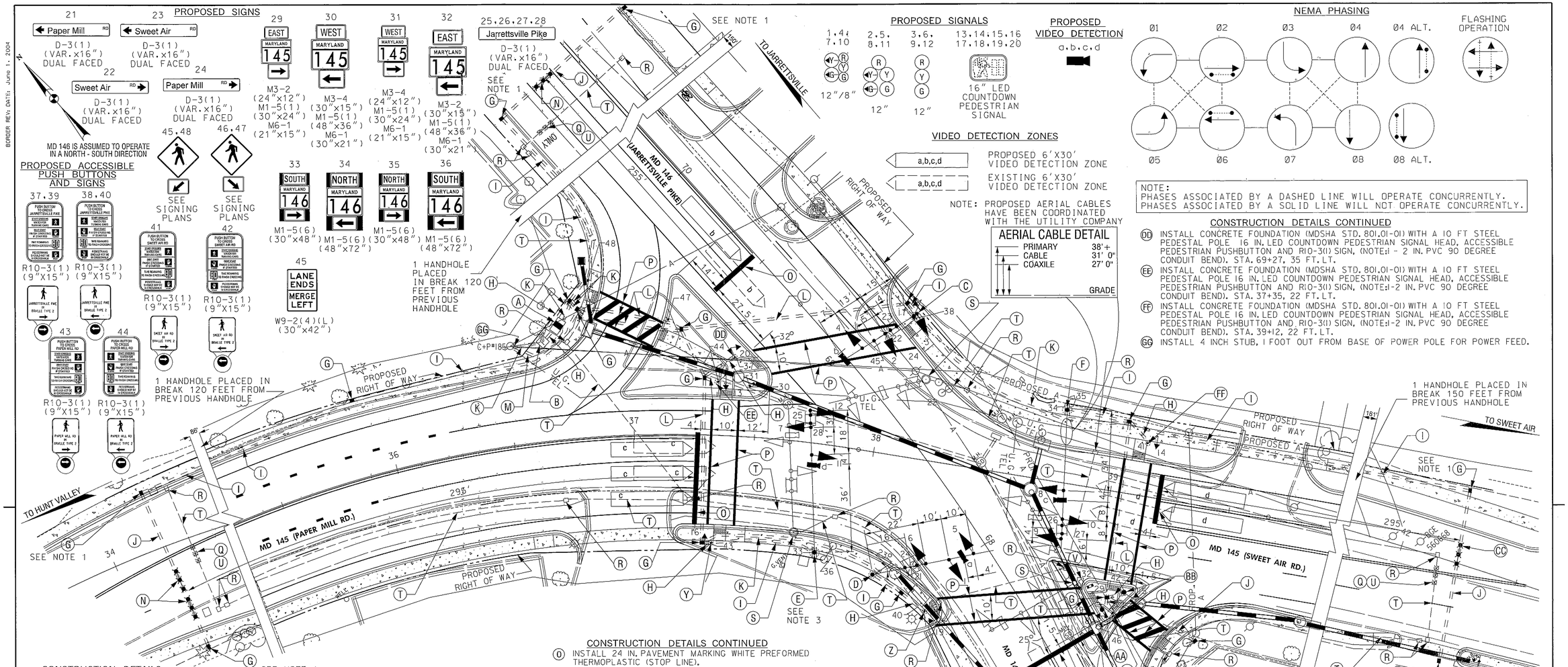

NOTES:
1. THESE HAND HOLES ARE TO PLACED WITH THE LONG SIDE 90 DEGREES TO THE ROADWAY.
2. SEE SHEET SG-3 FOR GENERAL NOTES.
3. THIS SIGNAL FOUNDATION IS TO BE CONSTRUCTED UNDER THE PROPOSED SIDEWALK. THE TOP OF THE SIGNAL FOUNDATION IS TO BE AT THE SAME ELEVATION OF THE PROPOSED SIDEWALK AND WITHIN THE PROPOSED RIGHT OF WAY. MAINTAIN 5' SIDEWALK WIDTH AT THE SIGNAL POLE.

CONSTRUCTION DETAILS

(A) INSTALL NEMA SIZE 'S' BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD, INSTALL 2-2" AND 2-4" SCHEDULE 80 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET. STA. 36+74, 47' LT.

(B) INSTALL 100A SERVICE PEDESTAL WITH 1-4" AND 3-2" SCHEDULE 80 90 DEGREE PVC CONDUIT BENDS, STA. 36+68, 41' LT.

(C) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01), WITH A 27 FT STEEL POLE WITH 38 FT. MAST ARM, LED SIGNAL HEADS, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 15 FT. LIGHTING ARM WITH LED LUMINAIRE (NOTE: 2 - 3 IN. PVC 90 DEGREE CONDUIT BENDS). STA. 68+92, 33' RT. SEE NOTE 3 THIS SHEET.

(D) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01), WITH A 27 FT STEEL POLE WITH 50 FT. MAST ARM, LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 15 FT. LIGHTING ARM WITH LED LUMINAIRE (NOTE: 2 - 3 IN. PVC 90 DEGREE CONDUIT BENDS). STA. 68+16, 46 FT. LT. SEE NOTE 3 THIS SHEET.

(E) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01), WITH A 27 FT STEEL POLE WITH 60 FT. MAST ARM, LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, (NOTE: 2 - 3 IN. PVC 90 DEGREE CONDUIT BENDS). STA. 37+82, 45 FT. RT.

(F) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01), WITH A 27 FT STEEL POLE WITH 60 FT. MAST ARM, LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, (NOTE: 2 - 3 IN. PVC 90 DEGREE CONDUIT BENDS). STA. 38+78, 21 FT. LT.

(G) INSTALL ELECTRICAL HAND HOLE.

(H) INSTALL 2 INCH SCHEDULE 80 PVC CONDUIT - TRENCHED.

(I) INSTALL 3 INCH SCHEDULE 80 PVC CONDUIT - TRENCHED.

(J) INSTALL 3 INCH SCHEDULE 80 PVC CONDUIT - BORED.

(K) INSTALL 4 INCH SCHEDULE 80 PVC CONDUIT - TRENCHED.

(L) INSTALL 4 INCH SCHEDULE 80 PVC CONDUIT - BORED.

(M) INSTALL 2 INCH SCHEDULE 80 PVC CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT AT UTILITY POLE "FOR USE BY OTHERS".

(N) INSTALL NON INVASIVE MICRO PROBE SET, CENTERED IN LANE WITH 500 FT. LEAD IN CABLE.

CONSTRUCTION DETAILS CONTINUED

(O) INSTALL 24 IN. PAVEMENT MARKING WHITE PREFORMED THERMOPLASTIC (STOP LINE).

(P) INSTALL 12 IN. PAVEMENT MARKING WHITE PREFORMED THERMOPLASTIC (CROSSWALK).

(Q) DISCONNECT AND REMOVE EXISTING LOOP DETECTOR CABLES FROM CONDUITS, HAND HOLES, SIGNAL STRUCTURES AND CONTROLLER.

(R) REMOVE EXISTING ELECTRICAL HAND HOLE.

(S) REMOVE EXISTING POLE, MAST ARM, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACK FILL.

(T) ABANDON EXISTING CONDUIT AND REMOVE ALL ELECTRICAL CONDUCTORS.

(U) ABANDON EXISTING NON INVASIVE MICRO PROBES.

(V) REMOVE EXISTING POLE MOUNTED CONTROLLER, CABINET AND DISCONNECT POWER SOURCE. (COORDINATE WITH UTILITY COMPANY)

(W) USE EXISTING HAND HOLE.

(X) USE EXISTING CONDUIT.

(Y) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01), WITH A 10 FT STEEL PEDESTAL POLE 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 37+20, 45 FT. RT.

(Z) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01), WITH A 10 FT STEEL PEDESTAL POLE, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 67+89, 36 FT. LT.

(AA) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01), WITH A 10 FT STEEL PEDESTAL POLE, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 67+52, 27 FT. RT.

(BB) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01), WITH A 10 FT STEEL PEDESTAL POLE, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 39+12, 40 FT. RT.

(CC) INSTALL NON INVASIVE MICRO PROBE SET, CENTERED IN LANE WITH 1,000 FT. LEAD IN CABLE.

CONSTRUCTION DETAILS CONTINUED

(DD) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01) WITH A 10 FT STEEL PEDESTAL POLE 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 69+27, 35 FT. LT.

(EE) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01) WITH A 10 FT STEEL PEDESTAL POLE 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 37+35, 22 FT. LT.

(FF) INSTALL CONCRETE FOUNDATION (MDSHA STD. 801.01-01) WITH A 10 FT STEEL PEDESTAL POLE 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN, (NOTE: 1 - 2 IN. PVC 90 DEGREE CONDUIT BEND). STA. 39+12, 22 FT. LT.

(GG) INSTALL 4 INCH STUB, 1 FOOT OUT FROM BASE OF POWER POLE FOR POWER FEED.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

ADDENDUM NO. 1 APRIL, 2013

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future

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

REVISIONS	
(F) RECONSTRUCT SIGNAL ADD APS AND CPS DUE TO INTERSECTION RECONSTRUCTION SHA NO. BA7725187 TIMS NO. F434	JANUARY 2013
CGM SDY JW EDS MLF CJW	
(E) UPGRADE DETECTION WITH VIDEO AND NON-INVASIVE PROBE SET TIMS NO. 3637 SHA NO. XX36168	NOVEMBER 23, 2009
(D) REPLACE CONDUIT AND LOOP ON SOUTH LEG. SHA NO. BW996M82	APRIL 9, 2003
JES	

PLOTTED: $DATE$TIME$
FILE: M:\MD146_145\timsGP01_restore.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 146 JARRETTSVILLE PIKE AT
MD 145 PAPER MILL RD /SWEET AIR RD
JACKSONVILLE MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE _____ CONTRACT NO. BW996M82

DESIGNED BY	E.L.F.	COUNTY	BALTIMORE
DRAWN BY	E.L.F.	LOGMILE	03014609.24
CHECKED BY	J. METZLER	T.I.M.S. NO.	F862
F.A.P. NO.		TOD NO.	

TIMS NO. 917F | SG - 1 OF 3 | SHEET NO. 34 OF 61

BY: munz