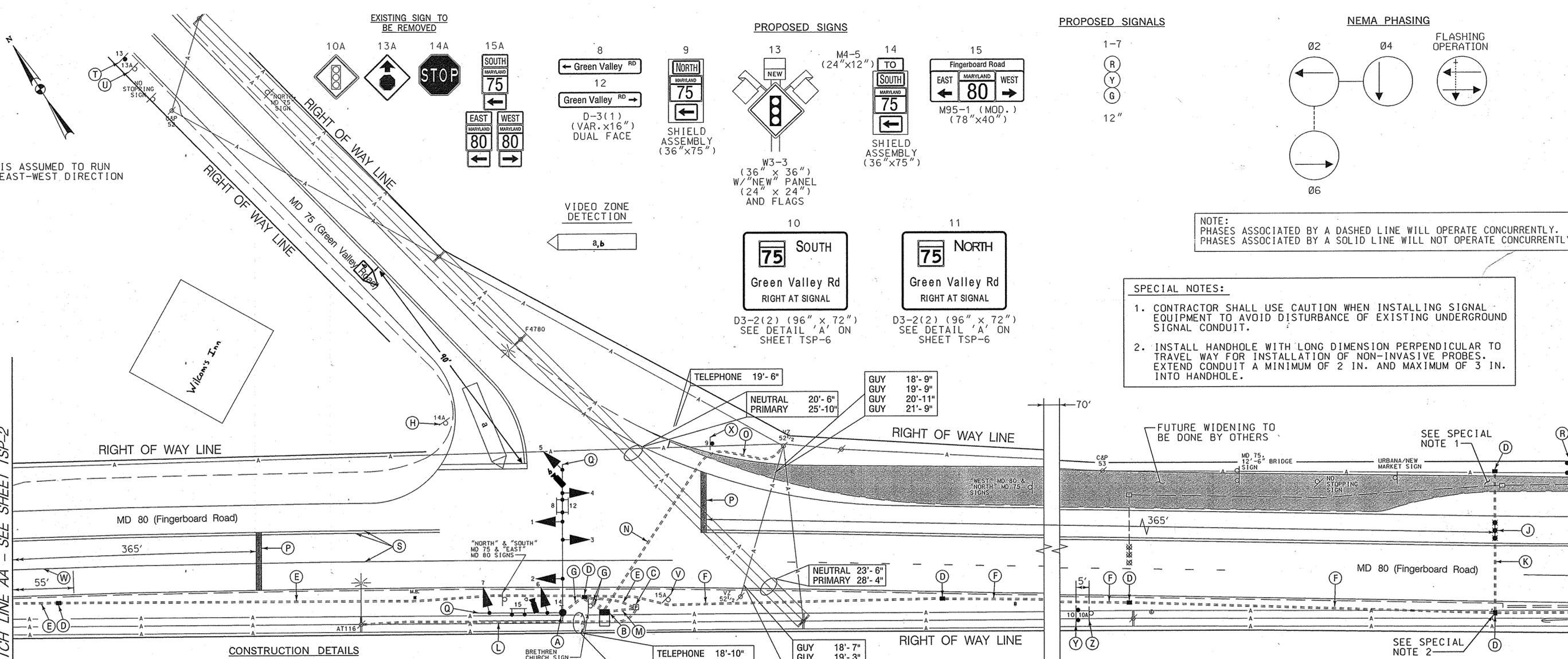


MD 80 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

MATCH LINE AA - SEE SHEET TSP-2



CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 16 FT. (15'-0" T) STEEL POLE WITH A TWIN 50 FT. (CUT TO 40 FT.)/60 FT. (CUT TO 57 FT.) MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- B. INSTALL NEMA SIZE "6" BASE MOUNTED CONTROLLER AND CABINET WITH CONCRETE PAD. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
- C. INSTALL EMBEDDED METERED SERVICE PEDESTAL WITH 2-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
- D. INSTALL HANDHOLE.
- E. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- H. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
- J. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT. (TO BE PLACED IN THRU LANE ONLY).
- K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- L. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUITS 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.
- M. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
- N. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - BORED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.
- O. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUITS 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.
- P. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- Q. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
- R. INSTALL D3-2(2) (96" x 72") SIGN ON TWO 6 IN. X 8 IN. BREAKAWAY TREATED WOOD SUPPORTS APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION ON WESTBOUND MD 80.
- S. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOPLINE.
- T. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. x 36 IN.) WITH "NEW" PANEL AND FLAGS ON ONE 4 IN. x 6 IN. TREATED WOOD POST APPROXIMATELY 600 FT. IN ADVANCE OF THE INTERSECTION ON SOUTHBOUND MD 75.
- U. REMOVE EXISTING W3-1a SIGN AND SUPPORT.
- V. REMOVE EXISTING "EAST" AND "WEST" MD 80 SIGNS AND "SOUTH" MD 75 SIGN AND SUPPORT.
- W. INSTALL 5 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- X. INSTALL ASSOCIATED SHIELD ASSEMBLY "NORTH, MD 75, LEFT ARROW" ON ONE 4 IN. X 6 IN. TREATED WOOD SUPPORT.
- Y. INSTALL D3-2(2) (96" x 72") SIGN ON TWO 6 IN. X 8 IN. BREAKAWAY TREATED WOOD SUPPORTS.
- Z. REMOVE EXISTING W3-3 SIGN AND SUPPORT.

TELEPHONE	18'-10"
CABLE	22'-2"
PRIMARY	29'-2"
PRIMARY	32'-1"
PRIMARY	34'-11"
PRIMARY	OVER 35'

GENERAL NOTES

1. 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.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
4. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
7. REFER TO SHEET TSP-2 FOR DIMENSIONS OF SIGNAL EQUIPMENT AND PAVEMENT MARKINGS WITHIN INTERSECTION.

GEOMETRIC LEGEND	
	EXISTING
	PROPOSED
UTILITY LEGEND	
	STORM DRAIN
	GAS MAIN
	WATER MAIN
	SEWER MAIN
	ELECTRIC CABLES
	AERIAL CABLES
	TELEPHONE CABLES
	FIBER-OPTIC

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APPROVALS	REVISIONS

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 80 (Fingerboard Road) and
MD 75 (Green Valley Road)

TRAFFIC SIGNALIZATION PLAN			
SCALE 1" = 20'	ADVERTISED DATE 7/14/2008	CONTRACT NO.	AX1425185
DESIGNED BY S. Bloss	COUNTY Frederick	LOGMILE 10008010.16	
DRAWN BY S. Bloss	TOD NO. 1903		
CHECKED BY N. Leary			
F.A.P. NO.			
TS NO. 4667	DRAWING TSP-1	OF 6	SHEET NO. 1 OF 6

PLOTTED: 07-23-2008
FILE: n:\31556-150\CADD\p8g-P001_9003.dgn

BY: sbloss