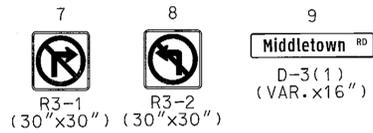




MIDDLETOWN RD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

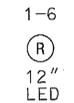
PROPOSED SIGNS



SEQUENCE OF CONSTRUCTION NOTES:

- 1. ALL PROPOSED SIGNAL CONSTRUCTION SHALL OCCUR DURING STAGE 1, SO THAT SIGNAL CAN REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.
2. SIGNAL HEAD LOCATIONS SHOWN FOR STAGE 3 AND ULTIMATE CONFIGURATION ON THIS PLAN SHEET. SEE DWG. NO. TSP-02 FOR STAGE 2 SIGNAL HEAD LOCATIONS.
3. ALL SIGNAL HEAD RELOCATIONS AND ADJUSTMENTS WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE LUMP SUM MAINTENANCE OF TRAFFIC ITEM.

PROPOSED SIGNALS

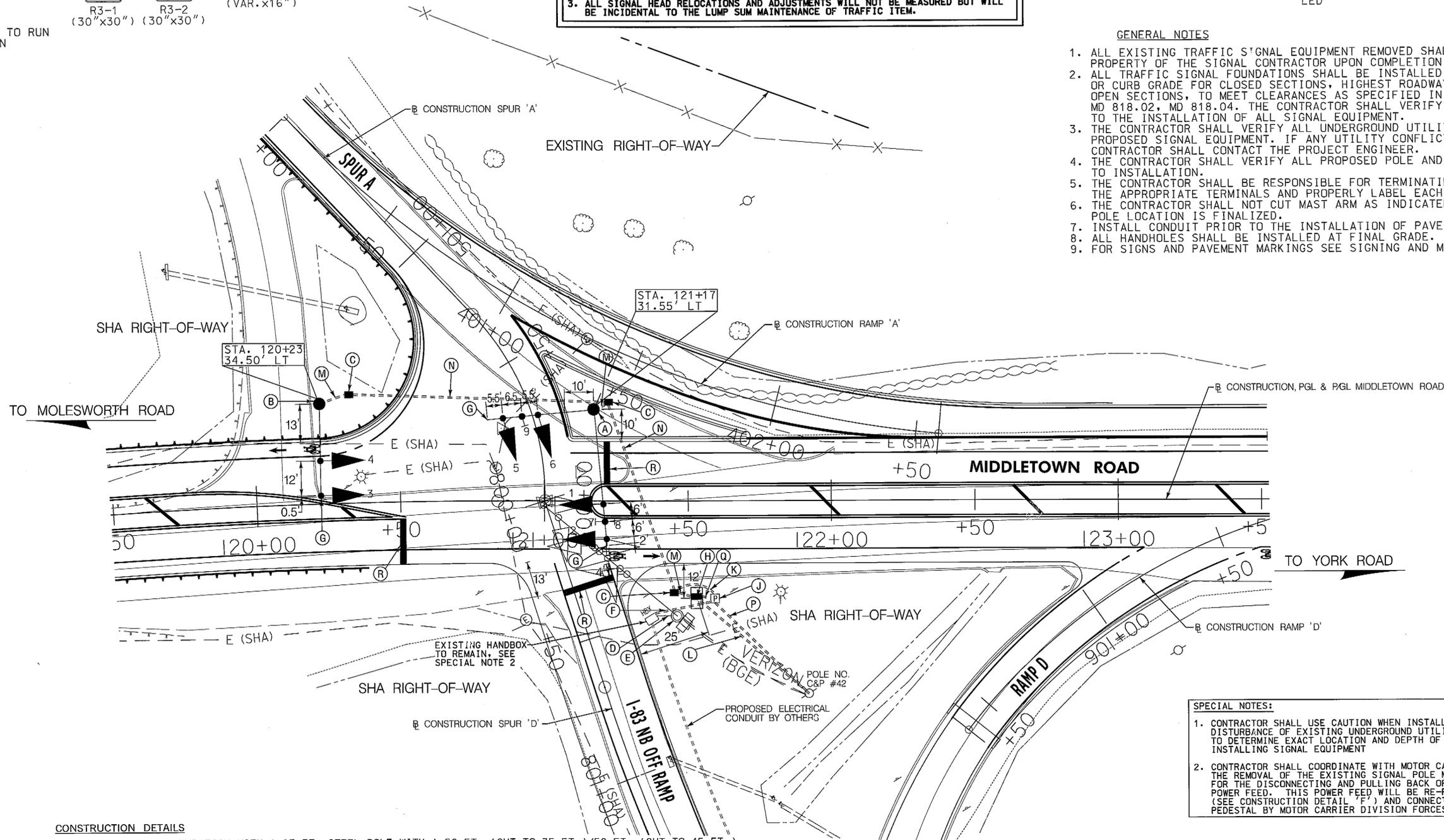


NEMA PHASING



GENERAL NOTES

- 1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
2. 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.
3. 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.
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. INSTALL CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
8. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
9. FOR SIGNS AND PAVEMENT MARKINGS SEE SIGNING AND MARKING SHEET SN-2.04



CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 50 FT. (CUT TO 35 FT.)/50 FT. (CUT TO 45 FT.) MAST ARMS, TRAFFIC SIGNAL HEADS AND SIGNS MOUNTED ON MAST ARM.
B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 38 FT. (CUT TO 30 FT.) MAST ARM AND TRAFFIC SIGNAL HEADS MOUNTED ON MAST ARM.
C. INSTALL HANDHOLE.
D. CAP AND ABANDON EXISTING CONDUIT.
E. REMOVE EXISTING MAST ARM POLE, MAST ARM, POLE MOUNTED CABINET AND ALL ASSOCIATED EQUIPMENT.
F. INSTALL 2 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FROM EXISTING HANDHOLE TO PROPOSED EMBEDDED METERED SERVICE PEDESTAL FOR USE BY MOTOR CARRIER DIVISION FORCES.
G. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
H. INSTALL NEMA SIZE "S" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD.
I. INSTALL 2 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.
J. INSTALL EMBEDDED METERED SERVICE PEDESTAL WITH 3-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
L. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.
M. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
O. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
P. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE FOR USE BY BGE FORCES.
Q. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
R. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

SPECIAL NOTES:

- 1. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. CONTRACTOR SHALL COORDINATE WITH MOTOR CARRIER DIVISION FORCES BEFORE THE REMOVAL OF THE EXISTING SIGNAL POLE MOUNTED CABINET, TO ALLOW FOR THE DISCONNECTING AND PULLING BACK OF THE I-83 NORTHBOUND VWS POWER FEED. THIS POWER FEED WILL BE RE-ROUTED THROUGH NEW 2" CONDUIT (SEE CONSTRUCTION DETAIL "F") AND CONNECTED TO PROPOSED METERED SERVICE PEDESTAL BY MOTOR CARRIER DIVISION FORCES.

UTILITY LEGEND table with symbols for Storm Drain, Gas Main, Water Main, Sewer Main, Electric Cables, Aerial Cables, Telephone Cables, and Fiber-Optic.

WR&A WHITMAN, REQUARDT & ASSOCIATES, LLP logo and address information.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION logo and project location: I-83 NORTHBOUND OFF-RAMP AND MIDDLETOWN ROAD (PARKTON, MD).

TRAFFIC SIGNALIZATION PLAN

Table with columns for APPROVALS, REVISIONS, and project details including scale (1" = 20'), date (1/14/01), contract no. (BA4215180), and sheet no. (127 OF 139).

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