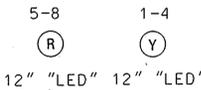




MD 276 IS CONSIDERED TO RUN IN AN NORTH/SOUTH DIRECTION

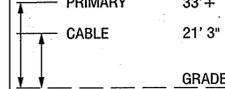
PROPOSED SIGNALS



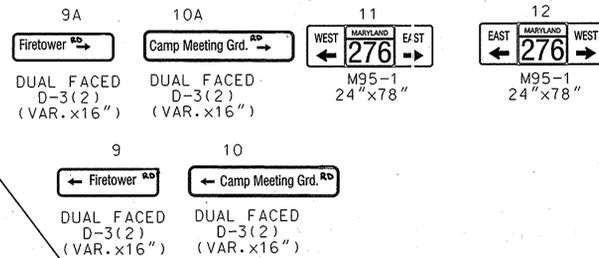
AERIAL CABLE DETAIL



AERIAL CABLE DETAIL



PROPOSED SIGNS



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

FIRETOWER RD

CAMP MEETING GROUND RD

RIGHT-OF-WAY-LINE

RIGHT-OF-WAY-LINE

RIGHT-OF-WAY-LINE

MD 276

MD 276

CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. AND 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. AND 60 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
C. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE.
E. INSTALL 4" PVC SCHEDULE 80 CONDUIT - BORED.
F. INSTALL HANDHOLE.
G. INSTALL 4" PVC SCHEDULE 80 CONDUIT - TRENCHED.
H. INSTALL PROPOSED METERED SERVICE PEDESTAL.
J. INSTALL 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
K. INSTALL 3" PVC SCHEDULE 80 CONDUIT - TRENCHED.
L. INSTALL 3" PVC SCHEDULE 80 CONDUIT - BORED.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. 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.

TOD NO: AT909-12
SHA No.: CE366A53/C53
MD 276 @ Firetower Road/Camp Meeting Ground Road

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 276 AT FIRETOWER RD/
CAMP MEETING GROUND RD

BAI

BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045

Table with columns for APPROVALS, TRAFFIC SIGNAL PLAN, SCALE, DATE, CONTRACT NO., DESIGNED BY, COUNTY, DRAWN BY, LOGMILE, CHECKED BY, T.I.M.S. NO., F.A.P. NO., TOD NO., DRAWING TS NO., SHEET NO.

BY: \$USERNAME\$