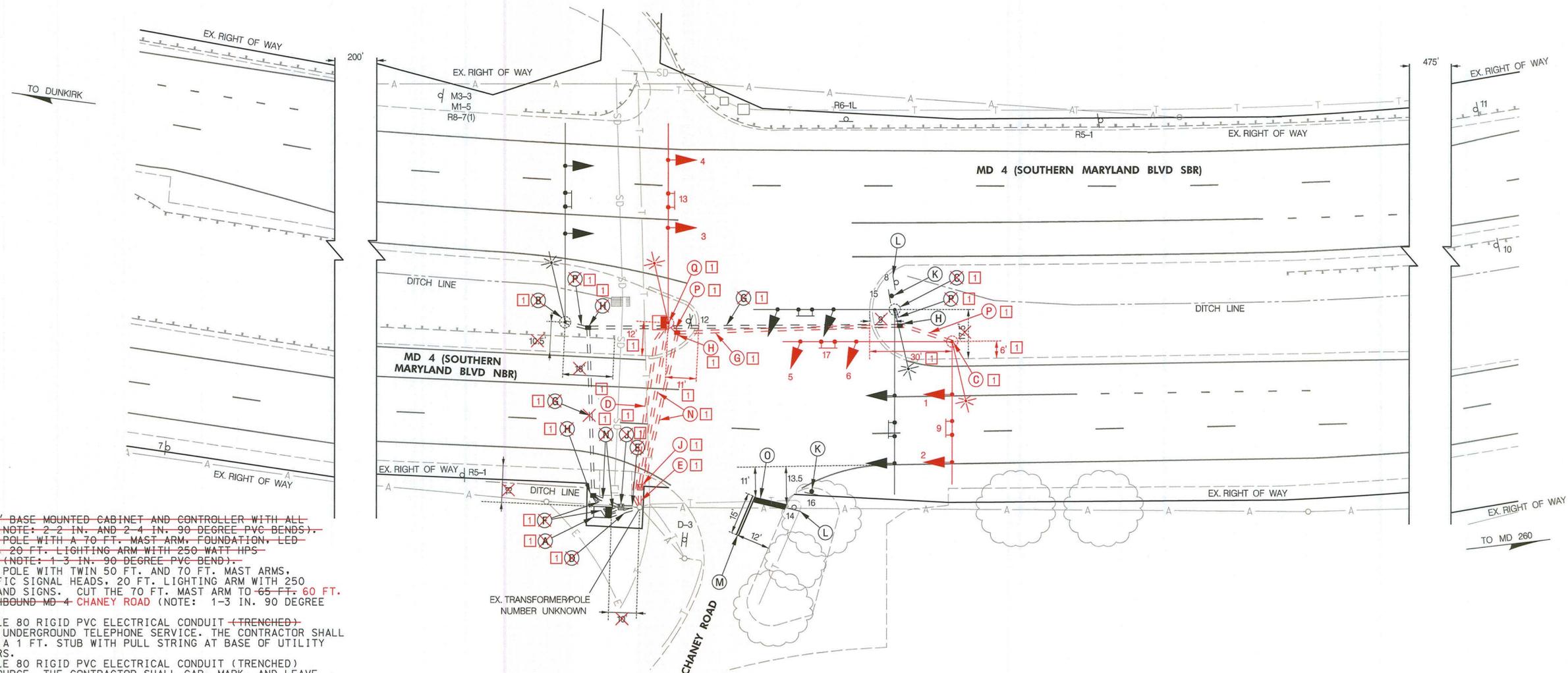
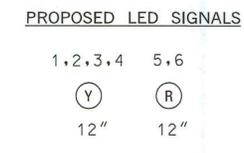
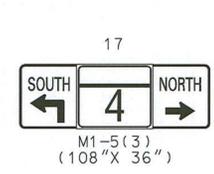
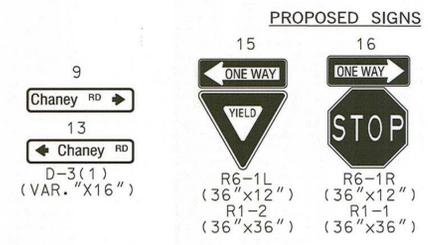
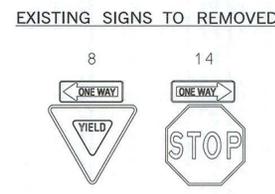
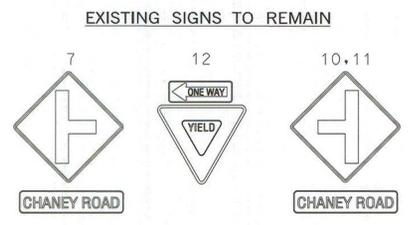


MD 4 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



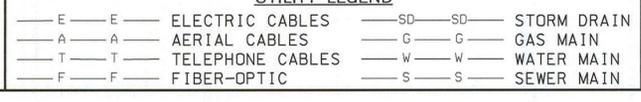
CONSTRUCTION DETAILS

- A. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. 90 DEGREE PVC BENDS).
- B. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, AND SIGNS (NOTE: 1-3 IN. 90 DEGREE PVC BEND).
- C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. AND 70 FT. MAST ARMS, FOUNDATION, LED TRAFFIC SIGNAL HEADS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, AND SIGNS. CUT THE 70 FT. MAST ARM TO 65 FT. 60 FT. AND INSTALL FOR SOUTHBOUND MD 4 CHANEY ROAD (NOTE: 1-3 IN. 90 DEGREE PVC BEND).
- D. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) (BORED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
- E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED POWER SOURCE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
- F. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- H. INSTALL ELECTRICAL HANDHOLE.
- J. INSTALL METERED SERVICE PEDESTAL (NOTE: 3-2 IN. AND 1-4 IN. PVC 90 DEGREE BENDS WITH 3/4 IN. CONDUIT FOR GROUND WIRE).
- K. INSTALL PROPOSED SIGNS ON 4 IN. X 6 IN. WOOD POST.
- L. REMOVE EXISTING GROUND MOUNTED SIGNS AND WOOD POST.
- M. INSTALL 5 INCH HEAT APPLIED DOUBLE YELLOW PERMANENT PAVEMENT MARKINGS.
- N. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED) (TRENCHED).
- O. INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- P. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- Q. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, SIGNS, 5 FT. X 5 FT. CONCRETE PAD, POLE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN., 1-3 IN. AND 1-4 IN. 90 DEGREE PVC BENDS).

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING THE PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
6. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.
7. 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.
8. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.

UTILITY LEGEND



1 BEDLINE REVISION NO. 1 FEBRUARY 2012
 TEDD APPROVAL SHA NO. XX3535185

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 4 (SOUTHERN MARYLAND BLVD) AT CHANEY ROAD
 DUNKIRK, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 03/2011 CONTRACT NO. XX3535185
 DESIGNED BY KXT COUNTY CALVERT
 DRAWN BY KXT LOGMILE 04000435.72
 CHECKED BY SDY TMS NO. K087
 F.A.P. NO. TOD NO.
 TS NO. 4785 DRAWING SG-01 OF 02 SHEET NO. 01 OF 02

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

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