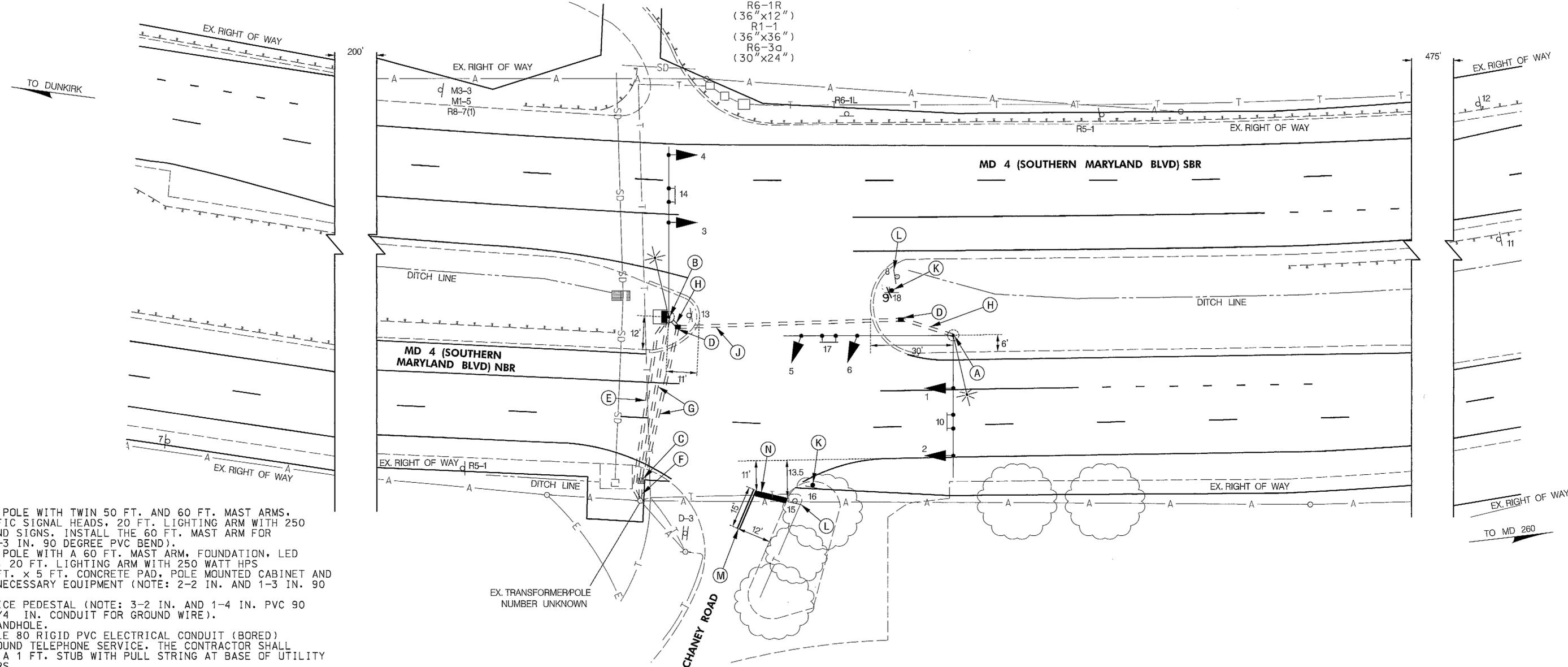




R6-1R
(36"x12")
R1-1
(36"x36")
R6-3a
(30"x24")



CONSTRUCTION DETAILS

- A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. AND 60 FT. MAST ARMS, FOUNDATION, LED TRAFFIC SIGNAL HEADS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND SIGNS. INSTALL THE 60 FT. MAST ARM FOR CHANEY ROAD (NOTE: 1-3 IN. 90 DEGREE PVC BEND).
- B. INSTALL 27 FT. STEEL POLE WITH A 60 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: 2-2 IN. AND 1-3 IN. 90 DEGREE PVC BENDS).
- C. INSTALL METERED SERVICE PEDESTAL (NOTE: 3-2 IN. AND 1-4 IN. PVC 90 DEGREE BENDS WITH 3/4 IN. CONDUIT FOR GROUND WIRE).
- D. INSTALL ELECTRICAL HANDHOLE.
- E. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (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.
- F. 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.
- G. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- H. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- J. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- K. INSTALL PROPOSED SIGNS ON ONE (1) 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 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

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 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.

TOD NO: XX647-21
SHA NO: CA208B54
MD 4 @ Chaney Road

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

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
TEAM LEADER				SCALE 1" = 20'	ADVERTISED DATE 05/2012 CONTRACT NO. XX6475185
ASSIST. DIV. CHIEF				DESIGNED BY KKT	COUNTY CALVERT
DIVISION CHIEF				DRAWN BY KKT	LOGMILE 04000435.72
OFFICE DIRECTOR				CHECKED BY SDY	TIMS NO. L506
				F.A.P. NO.	TOD NO.
				TS NO. 4785	DRAWING SG-01 OF 02 SHEET NO. 01 OF 02

BY: guiliamc -

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UTILITY LEGEND

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