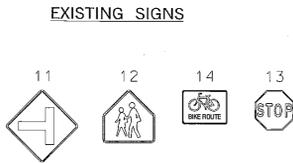


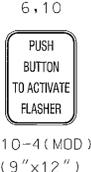
MD 410 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



PROPOSED LED SIGNALS



PROPOSED SIGNS

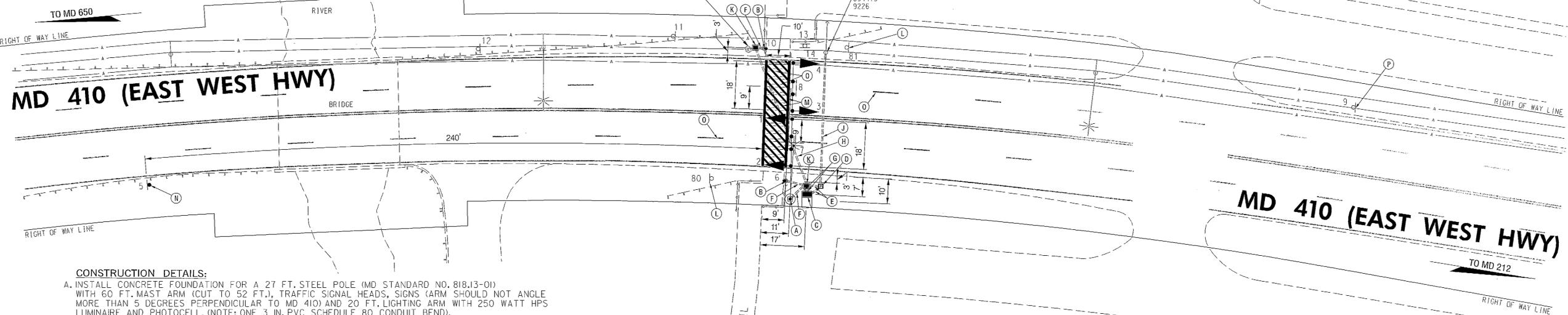


NEMA PHASING



FLASHING YELLOW ALTERNATELY WHEN ACTIVATED

UTILITY HEIGHTS:
 PRIMARY - 40.0'+
 SECONDARY - 29.9'
 COMMUNICATION - 18.2' / 18.5' / 20.5' / 22.2'



CONSTRUCTION DETAILS:

- A. INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE (MD STANDARD NO. 818J3-01) WITH 60 FT. MAST ARM (CUT TO 52 FT.), TRAFFIC SIGNAL HEADS, SIGNS (ARM SHOULD NOT ANGLE MORE THAN 5 DEGREES PERPENDICULAR TO MD 410) AND 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCELL. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL MODIFIED CONCRETE FOUNDATION FOR 10 FT. PEDESTAL POLE (CUT TO 5') WITH BREAKAWAY COUPLINGS (MD 818.16-01), PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- C. INSTALL NEMA 6 BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 BENDS).
- D. INSTALL METER SERVICE PEDESTAL EMBEDDED (100 AMPS).
- 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. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED, PROVIDE CONDUIT BEND AT THE BASE OF THE UTILITY POLE.
- K. INSTALL HANDHOLE.
- L. REMOVE EXISTING SIGN AND POST.
- M. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING WITH HATCHING IN PLACE FOR CROSS WALK.
- N. INSTALL GROUND MOUNTED SIGN ON A 4" X 4" WOOD POST.
- O. REMOVE EXISTING PAVEMENT MARKING.
- P. REMOVE EXISTING GROUND MOUNTED SIGN AND INSTALL NEW SIGN ON NEW 4" X 4" WOOD POST.

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. 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. 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.



STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION

MD 410 AT ENTRANCE TO SLIGO CREEK TRAIL
 HYATTSVILLE, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20'	DATE 10/20/10	CONTRACT NO. XX3545168B
DESIGNED BY XM	COUNTY PRINCE GEORGE'S	
DRAWN BY XM	LOGMILE 16041000.66	
CHECKED BY JB	TMS NO. K182	
F.A.P. NO.	TOD NO.	

TS NO. 4777	DRAWING - OF	SHEET NO. 1 OF 2
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PLOTTED: Wednesday, December 15, 2010 AT 04:04 PM
 FILE: P:\02-002 TE200\Task 33 MD Prince Georges HR\Drawings\CADD\Working\MD 410 @ Sligo Creek Trail\02SG-P001_MD410@EnsligoCreekPark.dgn

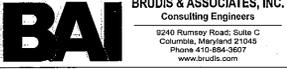
GEOMETRIC LEGEND



UTILITY LEGEND

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

TOD NO: XX354-26
 SHA NO: PG901A58/K58
 MD 208 @ Northwest Branch Trail
 MD 212 @ Sligo Creek Trail
 MD 410 @ Sligo Creek Trail



APPROVALS	REVISIONS
<p>2/10/11</p> <p>2/10/11</p> <p>2-7-11</p> <p>2/7/11</p>	

BY: chuck