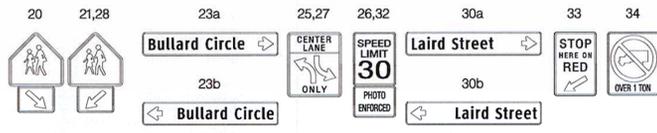


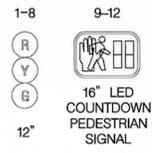


MD 28 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

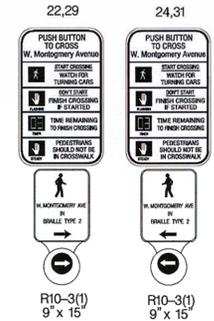
EXISTING SIGNS TO REMAIN



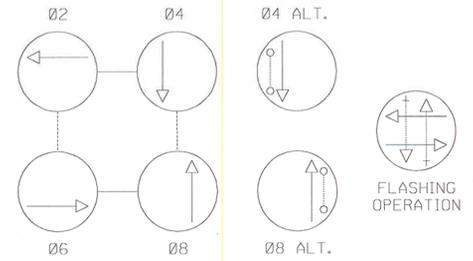
EXISTING SIGNALS TO REMAIN



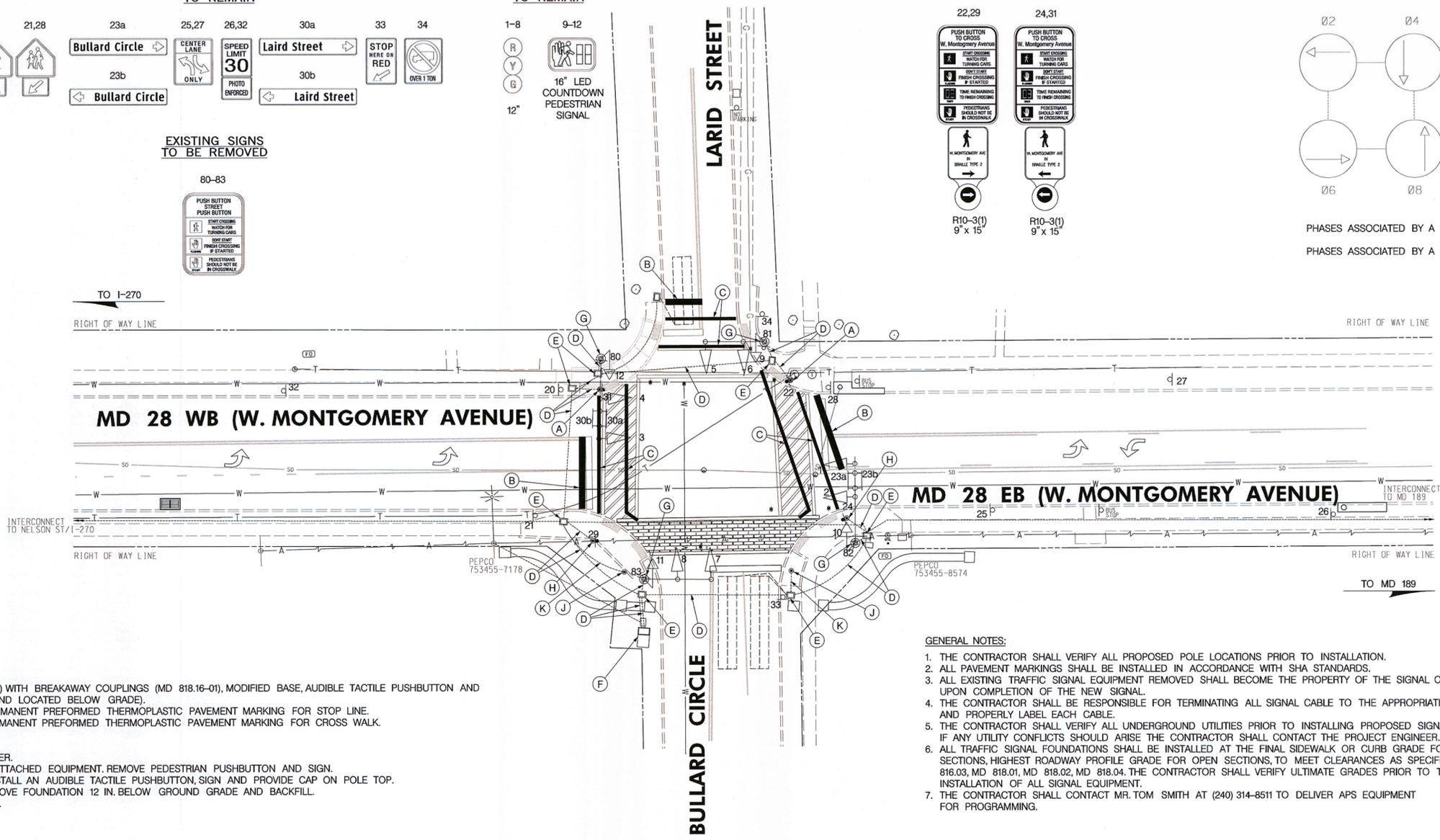
PROPOSED SIGNS



NEMA PHASING



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



CONSTRUCTION DETAILS:

- A. INSTALL 10" PEDESTAL POLE (CUT TO 5') WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: USE EXISTING CONDUIT BEND LOCATED BELOW GRADE).
- B. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- C. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSS WALK.
- D. USE EXISTING CONDUIT.
- E. USE EXISTING HANDHOLE.
- F. USE EXISTING CABINET AND CONTROLLER.
- G. USE EXISTING SIGNAL POLE AND ALL ATTACHED EQUIPMENT. REMOVE PEDESTRIAN PUSHBUTTON AND SIGN.
- H. USE EXISTING PEDESTAL POLE AND INSTALL AN AUDIBLE TACTILE PUSHBUTTON, SIGN AND PROVIDE CAP ON POLE TOP.
- J. REMOVE EXISTING PEDESTAL POLE. REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
- K. CAP AND ABANDON EXISTING CONDUIT.

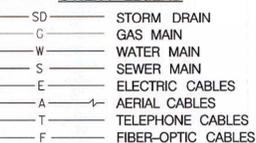
GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. 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.
6. 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.
7. THE CONTRACTOR SHALL CONTACT MR. TOM SMITH AT (240) 314-8511 TO DELIVER APS EQUIPMENT FOR PROGRAMMING.

GEOMETRIC LEGEND



UTILITY LEGEND



BY: fanyong



APPROVALS		REVISIONS		SIGNALIZATION PLAN SHEET			
		1/13 SHA NO. MD1115177	INSTALL APS/CPS T/M S L 803	SCALE 1" = 20'		ADVERTISED DATE _____ CONTRACT NO. _____	
		DM	2-21-08	DESIGNED BY J. CUTRO		COUNTY MONTGOMERY	
		E	ADD DUPLICATE PB TO 3 LEGS. REVISE PWS SHA NO. : A17925185 TMS NO. : E591	DRAWN BY _____		LOGMILE 15002821.74	
		RRZ	10-26-07	CHECKED BY _____		TMS NO. N/A	
		D	MODIFY SIGNAL DUE TO WIDENING OF BULLARD CIRCLE SHA NO. : B09366M82 TMS NO. : 1204	F.A.P. NO. _____		TOD NO. _____	
OFFICE DIRECTOR		RRZ		TS NO. 1334F	DRAWING SG-1	OF 2	SHEET NO. 1 OF 3

1 RED LINE REVISION NO. 1, 12/17/12 SHA M0115177
J. Cutro
12/13
TEDD APPROVAL

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 28 (W. MONTGOMERY AVENUE) AT
BULLARD CIRCLE/LAIRD STREET
ROCKVILLE, MD

PLOTTED: Monday, January 07, 2013 AT 02:55 PM
FILE: P:\09-002 TEDD\Task 111 MD 28 Signal\Drawings\CADD\Working\MD28@Circle\p09-P001_M028@Circle.dgn