

MD 27 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

TO MD 355

MD 27 SB (RIDGE ROAD)

MD 27 NB (RIDGE ROAD)

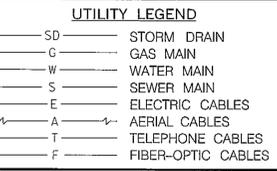
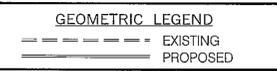
TO MD 108

**CONSTRUCTION DETAILS:**

- A. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL HANDHOLE.
- C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- F. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- G. INSTALL 5 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR 3' X 9' EXTENSION LINE.
- H. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- J. USE EXISTING CONDUIT.
- K. USE EXISTING CABINET AND CONTROLLER. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT IN EXISTING CABINET.
- L. USE EXISTING SIGNAL POLE AND SPAN WIRE WITH ALL ATTACHED EQUIPMENT. REMOVE EXISTING SIGN.
- M. USE EXISTING SIGNAL POLE, SPAN WIRE AND ALL ATTACHED EQUIPMENT.
- N. USE EXISTING HANDHOLE.
- P. REMOVE EXISTING PAVEMENT MARKING.
- Q. RELOCATE EXISTING PEDESTRIAN SIGNAL FURNISH AND INSTALL NEW MOUNTING HARDWARE.
- R. INSTALL 5 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- S. INSTALL GROUND MOUNTED SIGN WITH ONE 4"X6" WOOD POST.

**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 DELIVER APS PUSHBUTTON AND CENTRAL CONTROL UNIT TO MR. ROBERT RICKETTS AT THE MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOCKS RD ROCKVILLE, MD 20854 AT LEAST 3 WEEKS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL HAVE APS MESSAGES PROGRAMMED FROM THE FACTORY AND DELIVER THE APS .WAV FILES TO MR. ROBERT RICKETTS.
8. THE CONTRACTOR SHALL CONTACT MR. ROBERT RICKETTS AT (301) 279-1291 TO DELIVER APS EQUIPMENT FOR TESTING.
9. THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
10. THE CONTRACTOR SHALL NOT DEACTIVATE OR MAKE ACTIVE ANY PEDESTRIAN SIGNAL WITHOUT COORDINATING WITH A MONTGOMERY COUNTY TRAFFIC ENGINEER.



**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 27 (RIDGE ROAD) AT  
HENDERSON CORNER ROAD  
GERMANTOWN, MD

APPROVALS		REVISIONS		SIGNALIZATION PLAN SHEET	
TEAM LEADER	ASST. DIR. CHIEF	03/13 TMS-L111 SHA NO. XY1515185	INSTALL APS/CPS	SCALE 1" = 20'	ADVERTISED DATE 12-23-93 CONTRACT NO. BW-634-802-312
DIVISION CHIEF	OFFICE DIRECTOR	10-02	MODIFICATION DUE TO WIDENING TO WIDENING SHA NO. BW996M82	DESIGNED BY M.A. MEARS COUNTY MONTGOMERY	CHECKED BY S. RENZI LOGMILE 15002700.16
				F.A.P. NO.	TOD NO.
				TS NO. 3404-B	DRAWING SG-1 OF 2 SHEET NO. 1 OF 3

**BAI** BRUDIS & ASSOCIATES, INC.  
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PLOTTED: Wednesday, March 20, 2013 AT 05:32 PM  
FILE: P:\09-002 TEDD\Task 108 MD 27 Signalization\Drawings\CADD\Working\MD27@Henderson\pSG-PC01\_MD27@Henderson.dgn