



MD 410 IS CONSIDERED TO RUN IN AN EAST WEST DIRECTION.

NOTE: ALL CROSSWALKS ARE MADE OF BRICK PAVERS WITH CONCRETE COLLARS.

- CONSTRUCTION DETAILS**
- A. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON, COUNTDOWN PEDESTRIAN SIGNAL HEAD AND R10-4(1) MODIFIED PUSHBUTTON SIGN. 1 3" CONDUIT BEND IN BASE
  - B. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON, R10-3(1) PUSHBUTTON SIGN AND PEDESTRIAN CROSSING SIGN. 1 3" CONDUIT BEND IN BASE. PEDESTRIAN SIGN ASSEMBLY TO BE MOUNTED 6' ABOVE CUT THROUGH GRADE
  - C. INSTALL 5.5' BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND R10-3(1) SIGN. 1 3" CONDUIT BEND IN BASE
  - D. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS FROM EXISTING POLE. INSTALL PROPOSED COUNTDOWN PEDESTRIAN SIGNAL HEAD ON EXISTING POLE AS SHOWN.
  - E. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON. REMOVE EXISTING FOUNDATION 1' BELOW GRADE
  - F. INSTALL 12" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK. NOTE: MARKINGS TO BE PLACED OUTSIDE OF EXISTING CONCRETE BAND.
  - G. INSTALL ADA RAMP WITH DETECTABLE WARNING SURFACE AS SHOWN IN DETAIL ON SHEET 2 OF 2.
  - H. REMOVE EXISTING "BOLLARD", ANCHOR BOLTS AND FOUNDATION TO 1' BELOW GRADE. FILL WITH CONCRETE AND MAKE LEVEL WITH BRICK PAVER SURFACE.
  - I. INSTALL 3" CONDUIT-TRENCHED
  - J. USE EXISTING HANDBOX
  - K. USE EXISTING CONDUIT
  - L. INSTALL DETECTABLE WARNING SURFACE TO MEDIAN CUT. REMOVE EXISTING BRICK IN AREA OF PROPOSED WARNING SURFACE, INSTALL 4" CONCRETE FLUSH WITH GUTTER PAN AND INSTALL WARNING SURFACE TO CONCRETE. DETECTABLE SURFACES TO BE INSTALLED ACCORDING TO 655.2I
  - M. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
  - N. REMOVE EXISTING 12" RYG ARROW, SIGNAL HEAD AND INSTALL NEW 12" 4-SECTION HEAD AS SHOWN
  - O. REMOVE EXISTING 12" RYG BALL SIGNAL HEAD AND INSTALL NEW 12" RYG BALL SIGNAL HEAD
  - P. REMOVE EXISTING 12" RYG BALL SIGNAL HEAD AND INSTALL NEW 8" RYG BALL SIGNAL HEAD
  - Q. REMOVE EXISTING 12" RYG ARROW, SIGNAL HEAD AND INSTALL NEW 8"/12" 4-SECTION HEAD AS SHOWN
  - R. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS

- GENERAL NOTES**
1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
  2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA 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 SHALL ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
  6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK 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. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR FROM A 60"x60" PAVED LEVEL LANDING AREA. A LEVEL LANDING AREA IS AN AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
  8. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF THE MUTCD SECTION 4E-09 AND FIGURE 4E-2 AND THE NCHRP PUBLICATION, ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE" IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

TOD NO: AT782-67  
SHA No.: PG694A5B/B5B  
MD 410 @ Belcrest Road

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 410 (EAST-WEST HWY) AND BELCREST RD  
HYATTSVILLE, MD

| APPROVALS        |  | REVISIONS  |  | TRAFFIC SIGNAL PLAN |                               |
|------------------|--|--|--|---------------------|-------------------------------|
| TEAM LEADER      |  | ① INSTALL APS AND COUNTDOWNS ON ALL LEGS OF INTERSECTION         |  | SCALE 1"=20'        | DATE 9-15-76                  |
| ASST. DIV. CHIEF |  | H506 AT782-185 MARCH 2007  |  | DESIGNED BY JFL/JFF | COUNTY PRINCE GEORGE'S        |
| DIVISION CHIEF   |  | 18-23-98 SHA*PG1885171   |  | DRAWN BY JFL/JFF    | LOGMILE 16041002.79           |
| OFFICE DIRECTOR  |  | A. COMPLETE SIGNAL RECONSTRUCTION FOR BELCREST RD RECONSTRUCTION |  | CHECKED BY JFL/JFF  | TMS NO. H506                  |
|                  |  | SHA*BDH  |  | FAP NO.             | TOD NO.                       |
|                  |  |  |  | TS NO. 742-C        | DRAWING - OF SHEET NO. 1 OF 2 |

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BY: cstrain