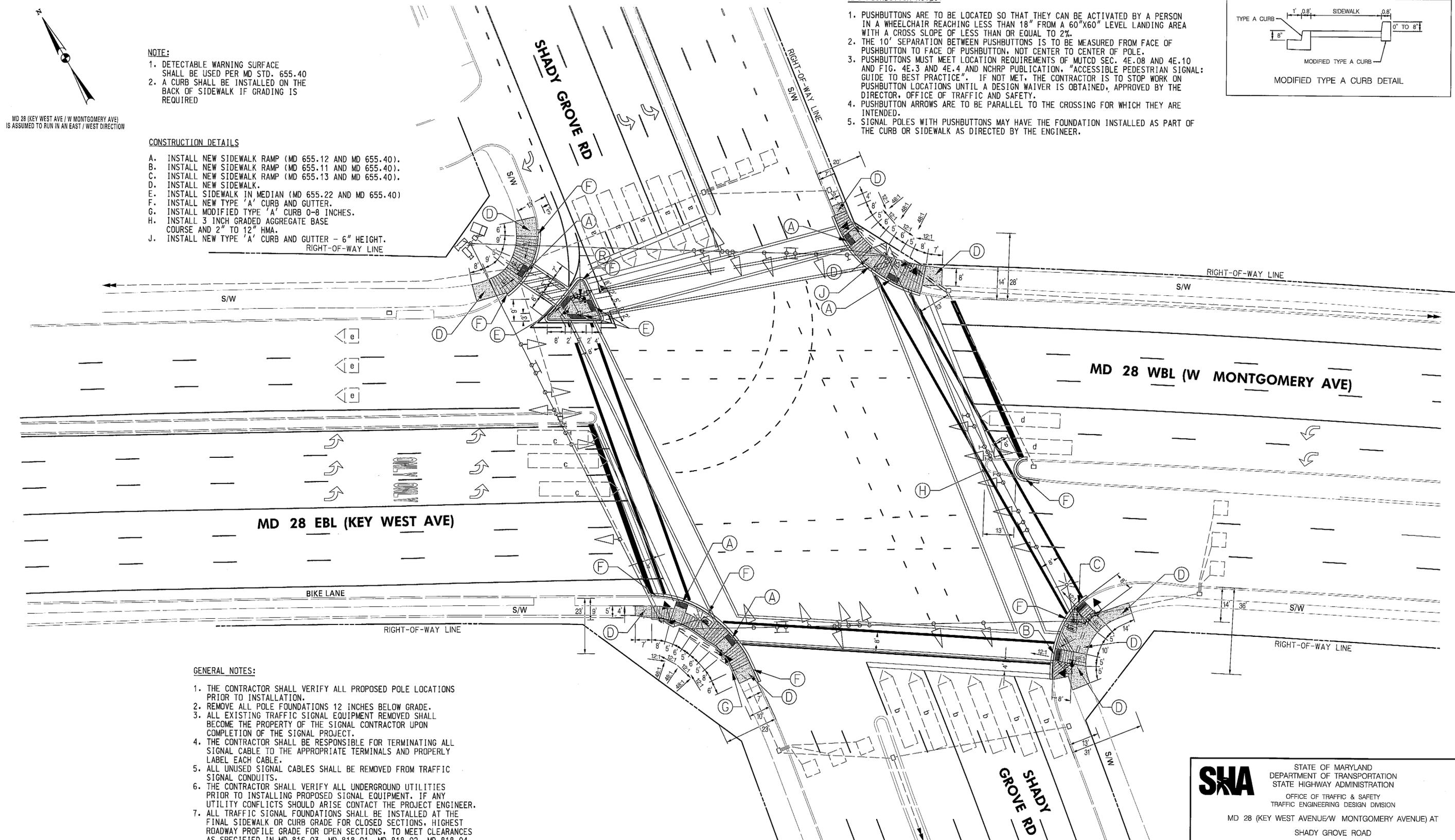


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 BY: Joost Van Boekhold Division: P068 Highway Traff GMA Emp



NOTE:

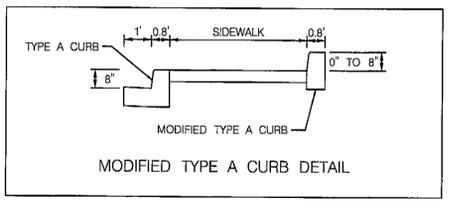
1. DETECTABLE WARNING SURFACE SHALL BE USED PER MD STD. 655.40
2. A CURB SHALL BE INSTALLED ON THE BACK OF SIDEWALK IF GRADING IS REQUIRED

CONSTRUCTION DETAILS

- A. INSTALL NEW SIDEWALK RAMP (MD 655.12 AND MD 655.40).
- B. INSTALL NEW SIDEWALK RAMP (MD 655.11 AND MD 655.40).
- C. INSTALL NEW SIDEWALK RAMP (MD 655.13 AND MD 655.40).
- D. INSTALL NEW SIDEWALK.
- E. INSTALL SIDEWALK IN MEDIAN (MD 655.22 AND MD 655.40)
- F. INSTALL NEW TYPE 'A' CURB AND GUTTER.
- G. INSTALL MODIFIED TYPE 'A' CURB 0-8 INCHES.
- H. INSTALL 3 INCH GRADED AGGREGATE BASE COURSE AND 2" TO 12" HMA.
- J. INSTALL NEW TYPE 'A' CURB AND GUTTER - 6" HEIGHT.

APS PUSHBUTTON NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIG. 4E.3 AND 4E.4 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: 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.
4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
5. SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.



GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. REMOVE ALL POLE FOUNDATIONS 12 INCHES BELOW GRADE.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE CONTACT THE PROJECT ENGINEER.
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.
8. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
10. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
11. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

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STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 28 (KEY WEST AVENUE/W MONTGOMERY AVENUE) AT
 SHADY GROVE ROAD
 ROCKVILLE, MARYLAND
TRAFFIC SIGNAL PLAN DETAIL
 SCALE 1"=20' ADVERTISED DATE MARCH 2013 CONTRACT NO. XY1515185
 DESIGNED BY AMH COUNTY MONTGOMERY
 DRAWN BY AMH LOGMILE 15002819.51
 CHECKED BY JFL TMS NO. L735
 F.A.P. NO. N/A TOD NO.
 TS NO. 1189K DRAWING SG-2 OF 3 SHEET NO. 5 OF 24