

US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

MD781  
DELANCY ROAD

US 40  
(PULASKI HWY.)

US 40  
(PULASKI HWY.)

BAKER'S LANE

**GEOMETRIC CONSTRUCTION DETAILS:**

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- B. INSTALL PERPENDICULAR SIDEWALK RAMP WITHOUT FLARES (MODIFIED STANDARD NO. MD 655.11) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- C. INSTALL CUT-THROUGH ISLAND AND MEDIAN OPENINGS WITHOUT CURB TRANSITION VARIABLE SLOPE (MODIFIED STANDARD NO. MD 655.21) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40). POLE BASES FOR PUSHBUTTON SHALL BE INSTALLED IN CURB WITH THE FRONT OF THE BASE FLUSH WITH THE FACE OF CURB AND THE TOP OF BASE SHALL BE INSTALLED AT GRADE WITH THE TOP OF CURB.
- D. INSTALL COMBINATION DEPRESSED CONCRETE CURB AND GUTTER (STANDARD NO. MD 620.03) AND TIE IT TO EXISTING CURB AND GUTTER.
- E. INSTALL 5 FT. WIDE SIDEWALK AND TIE IT TO EXISTING SIDEWALK.
- F. INSTALL STANDARD TYPE A COMBINATION CONCRETE CURB AND GUTTER (STANDARD NO. MD 620.02).
- G. INSTALL COMBINATION DEPRESSED CONCRETE CURB AND GUTTER (STANDARD NO. MD 620.03) AND TIE IT TO NEW CURB.
- H. INSTALL CONCRETE SIDEWALK FOR REFUGE ISLAND.

**APS NOTES:**

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE. THEY ARE INTENDED.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

**TO CROSS US 40**

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS PULASKI AT DELANCY AND BAKER."
- B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

**TO CROSS BAKER'S LANE**

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS BAKER AT PULASKI."
  - B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
6. ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

**GEOMETRIC LEGEND**

--- EXISTING  
--- PROPOSED

**UTILITY LEGEND**

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

REDLINE REVISION NO. 1  
MODIFY RAMP FLARES  
9-9-2009

**SUA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 40 (PULASKI HWY.) AT MD 781 (DELANCY RD.)  
TRAFFIC SIGNAL MODIFICATION  
ELKTON, MARYLAND

**GEOMETRIC PLAN SHEET**

SCALE 1"=10' ADVERTISED DATE 02-02-09 CONTRACT NO. XX4435185

DESIGNED BY \_\_\_\_\_ COUNTY \_\_\_\_\_ CECIL  
DRAWN BY NG LOGMILE 07094017.05  
CHECKED BY JB TMS NO. J178  
F.A.P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 3595 C DRAWING - OF SHEET NO. 2 OF 3