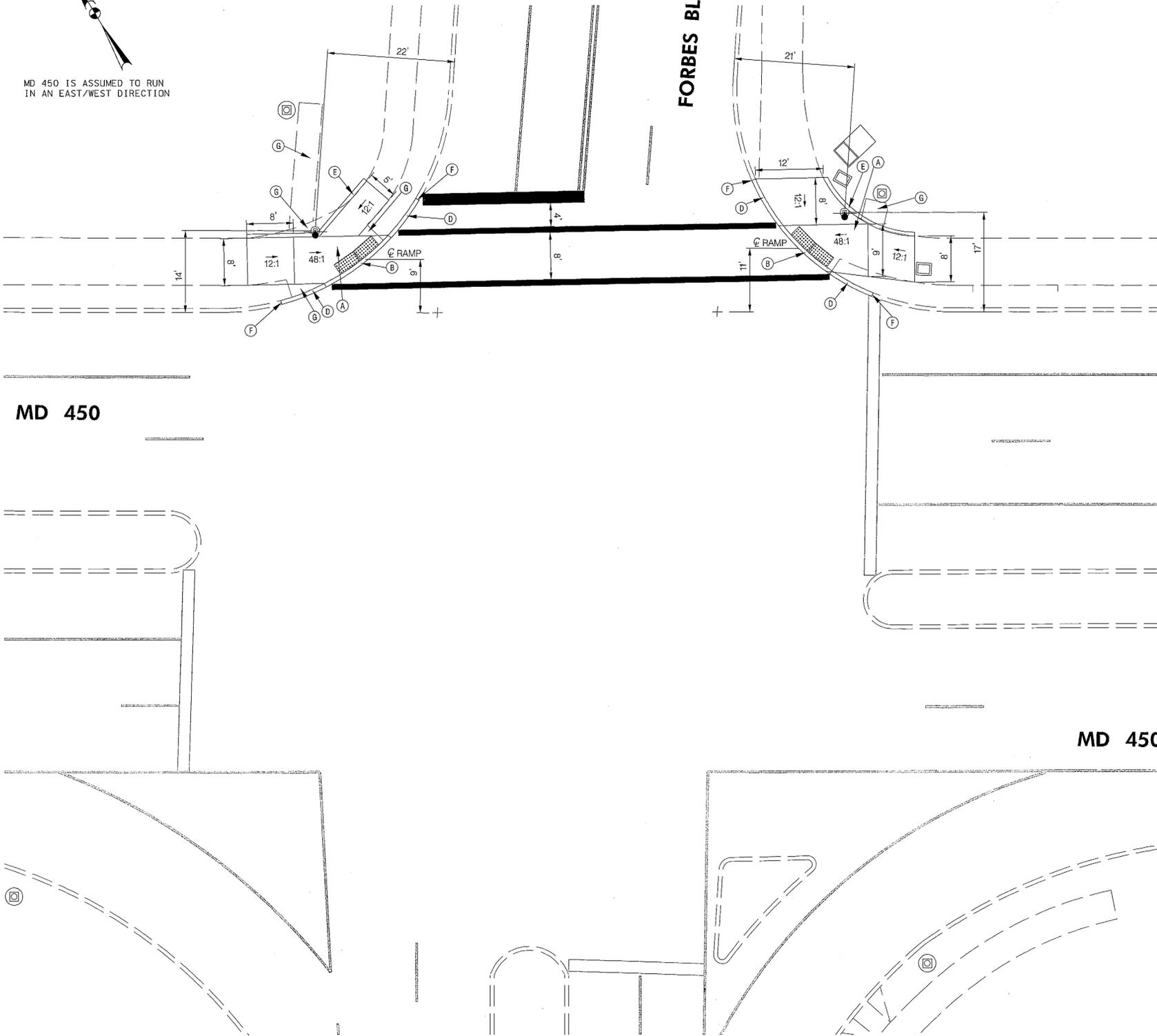


MD 450 IS ASSUMED TO RUN  
IN AN EAST/WEST DIRECTION

FORBES BLVD.



**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.
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 FORBES BLVD AT MD 450.**

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

**GEOMETRIC CONSTRUCTION DETAILS:**

- A. INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) (NOTE: TWO 24"x48" DETECTABLE WARNING SURFACE.)
- B. INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- C. INSTALL STANDARD TYPE A CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. INSTALL STANDARD TYPE A CATCH-UP CURB AND GUTTER (STANDARD NO. MD 620.02).
- E. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- F. TIE TO EXISTING CURB JOINT.

NOTE: AT SOUTHEAST CORNER, REMOVE EXISTING SIDEWALK RAMP AND CURB, REPLACE W/ SEED AND MULCH.

TOD NO: XX449-45  
SHA NO: PG556A5E/B5E  
MD 450@FORBES BLVD

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 450 AT FORBES BOULEVARD  
SEABROOK, MD

**GEOMETRIC PLAN SHEET**

SCALE 1" = 10' DATE 12/20/09 CONTRACT NO. XX4495185

DESIGNED BY XM COUNTY PRINCE GEORGE'S  
DRAWN BY XM LOGMILE 16045006.59  
CHECKED BY JB TMS NO. 1526  
F.A.P. NO. TOD NO.

TS NO. 3600B DRAWING - OF SHEET NO. 2 OF 3

**BAI** BRUDIS & ASSOCIATES, INC.  
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FILE: P:\07-022 TEDD\Task 12 MD 450 @ Forbes Blvd\Drawings\CADD\Working\PG-P002\_MD450@ForbesBlvd.dgn

BY: xiaoyu