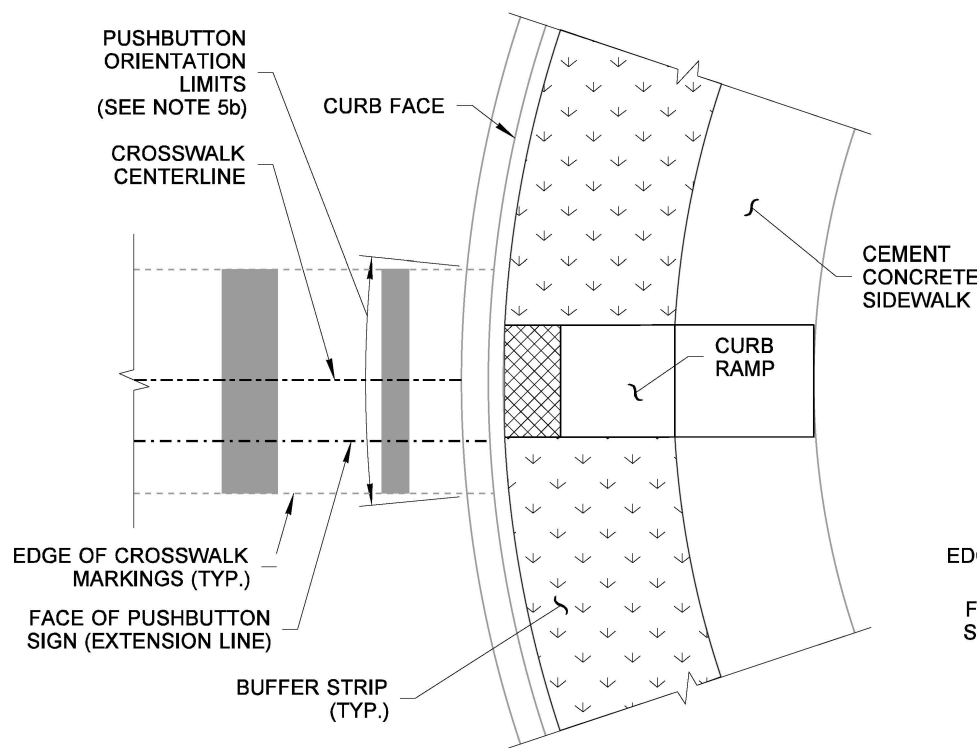
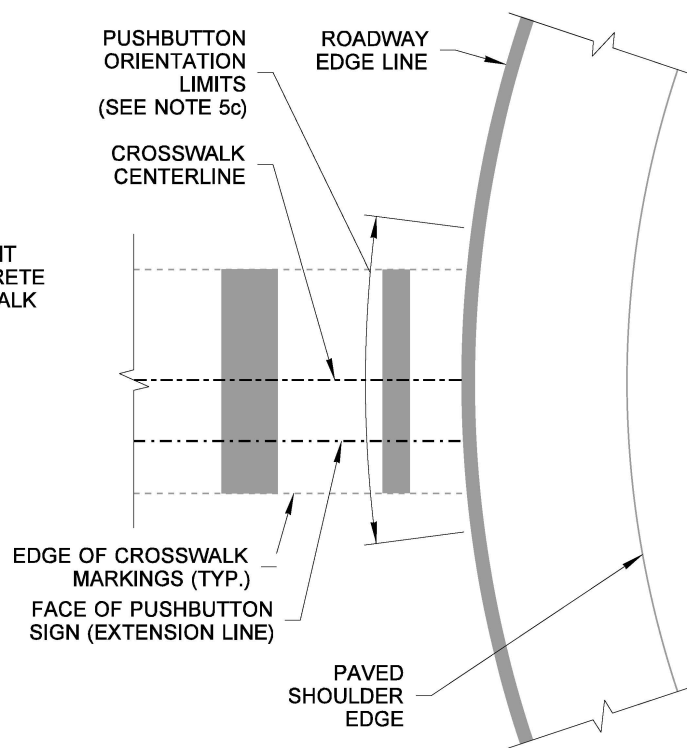


**SAMPLE DEPARTURE PUSHBUTTON LOCATION
(PERPENDICULAR RAMP SHOWN -
SEE CONTRACT FOR POST LOCATIONS)**

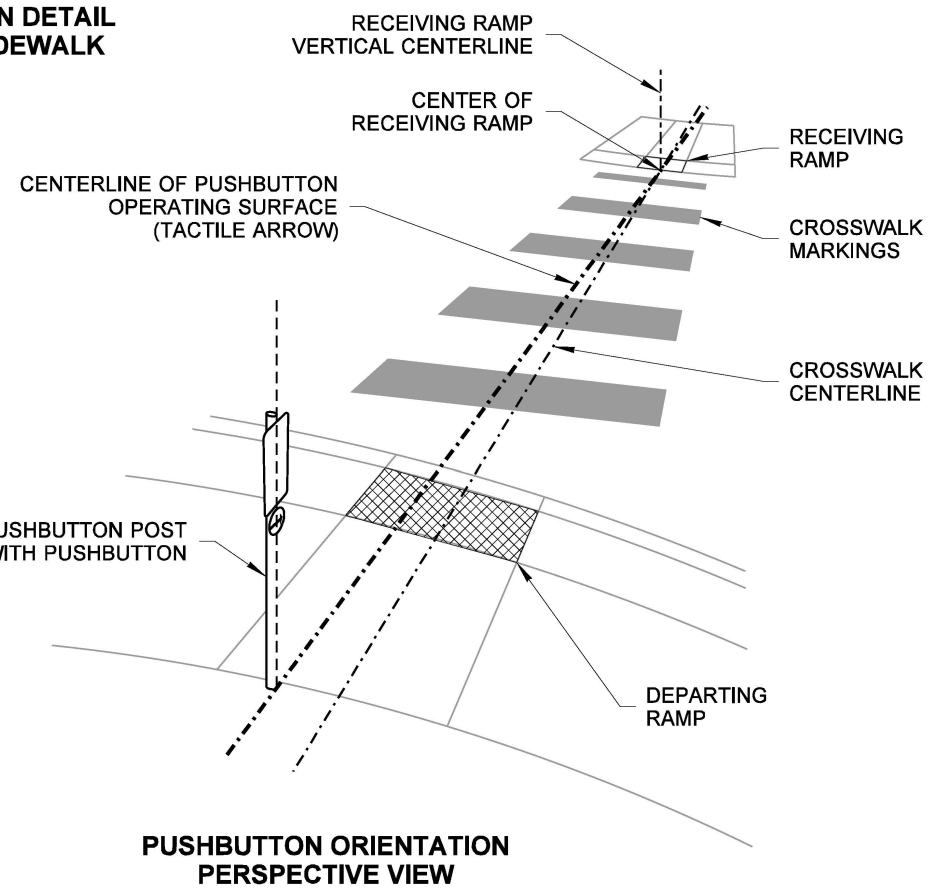
**PUSHBUTTON ORIENTATION DETAIL
RECEIVING RAMP WITH SIDEWALK**



**PUSHBUTTON ORIENTATION DETAIL
RECEIVING RAMP WITH BUFFER STRIP**

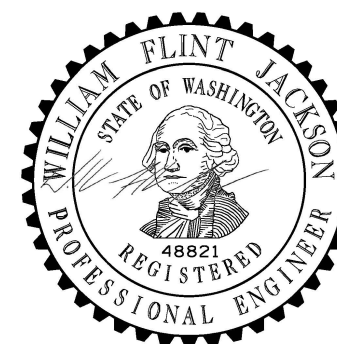


**PUSHBUTTON ORIENTATION DETAIL
NO RECEIVING RAMP (ROADWAY SHOULDER)**



NOTES

1. All pushbuttons with tactile arrows have specific horizontal orientation requirements. Each pushbutton must be oriented relative to the crosswalk being served.
2. Pushbutton mounting height shall be in accordance with **Standard Plan J-20.15**.
3. Each pushbutton shall be installed such that the face of the pushbutton is rotated generally towards the center of the intersection unless otherwise specified in the Contract Plans.
4. Each pushbutton shall be installed such that the face of the unit (the face of the sign and the face of the tactile arrow pushbutton) is oriented parallel to the crosswalk being served, unless the extension line of the pushbutton face will be outside of the limits defined in Note 5, in which case Note 5 takes precedence. The extension line of the pushbutton face shall intersect a curb face (including ramps), or roadway edge line when no curb and sidewalk are present.
5. The extension line of the pushbutton face shall intersect the receiving end of the crosswalk as follows:
 - a. Where there is a receiving sidewalk ramp and the sidewalk is directly adjacent to the curb, the pushbutton centerline shall be within the limits of the ramp flares (see **Standard Plan F-40.15**) or ramp side slopes (see **Standard Plan F-40.12**).
 - b. Where there is a receiving sidewalk ramp and there is a buffer strip between the sidewalk and the curb, the pushbutton centerline shall be no more than two feet outside the edge of the sidewalk ramp or the outer edge of the crosswalk markings - whichever is smaller.
 - c. Where there is no sidewalk and the crosswalk ends at a roadway shoulder, the pushbutton centerline shall be no more than two feet outside the edge of the crosswalk markings.



Jun 20, 2024

**PEDESTRIAN
PUSHBUTTON (PPB)
ORIENTATION
STANDARD PLAN J-20.05-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Mark A. Davies

Jun 21, 2024

STATE DESIGN ENGINEER



Washington State Department of Transportation