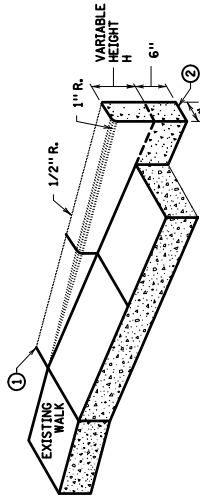
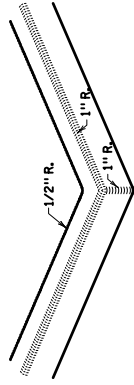


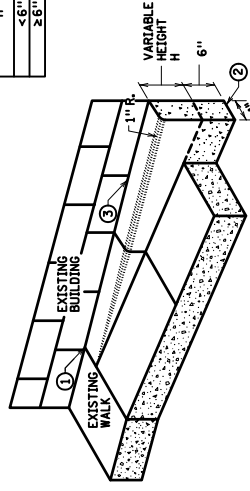
V CURB ADJACENT TO LANDSCAPE  
CURB WITHIN SIDEWALK LIMITS



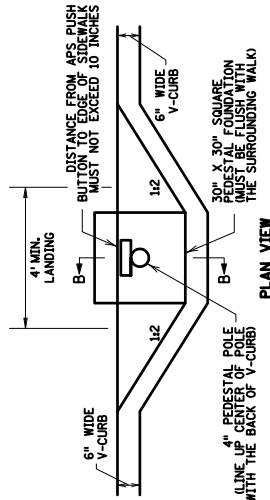
V CURB ADJACENT TO LANDSCAPE  
CURB OUTSIDE SIDEWALK LIMITS



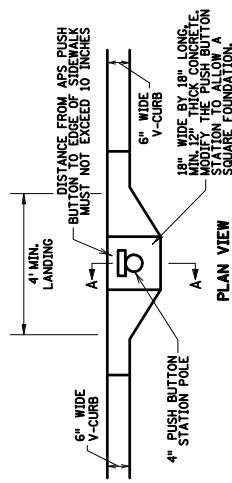
V CURB INTERSECTION



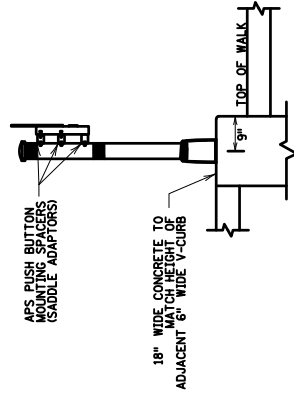
V CURB ADJACENT TO BUILDING  
OR BARRIER



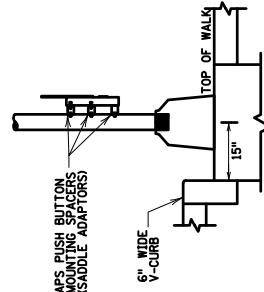
SIGNAL PEDESTAL & PUSH BUTTON (V-CURB)



PUSH BUTTON STATION (V-CURB)

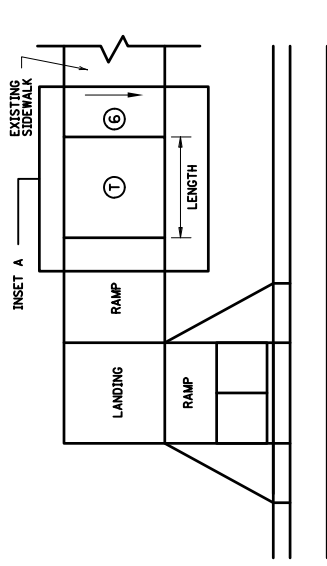


SECTION A-A

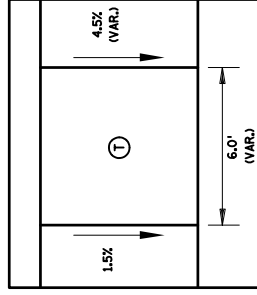


SECTION B-B

CONCRETE CURB DESIGN V		
CURB HEIGHT H	CURB WIDTH W	
<6"	4"	
≥6"	6"	



TRANSITION PANEL ⑤



INSET A

#### NOTES:

1 A WALKABLE FLARE IS AN 8-10% CONCRETE FLARE THAT IS REQUIRED WHEN THE FLARE IS ADJACENT TO A WALKABLE SURFACE OR WHEN THE PEDESTRIAN PATH OF TRAVEL OF A PUSH BUTTON TRAVERSES THE FLARE.

2 ALL V CURB CONTRACTION JOINTS SHALL MATCH CONCRETE WALK JOINTS.

3 WHERE RIGHT-OF-WAY ALLOWS, USE OF V CURB SHOULD BE MINIMIZED, GRADING ADJACENT TURF OR SLOPING ADJACENT PAVEMENT IS PREFERRED.

4 V CURB SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS.

5 V CURB NEXT TO BUILDING SHALL BE A 4" WIDTH AND SHALL MATCH PREVIOUS TOP OF SIDEWALK ELEVATIONS.

6 END TAPERS AT TRANSITION SECTION SHALL MATCH INPLACE SIDEWALK GRADES.

7 ALL V CURB SHALL MATCH BOTTOM OF ADJACENT WALK.

8 CONSTRUCT USING APPROVED EXPANSION MATERIAL PER MNDOT TYPE A-E EXPANSION. LEAVE A MINIMUM 1/2" TOP GAP AND SEAL WITH MNDOT APPROVED SILICONE PER MNDOT SPEC 3722.

9 THE MAX. RATE OF CROSS SLOPE TRANSITIONING IS 1' LINEAR FOOT OF SIDEWALK PER HALF PERCENT CROSS SLOPE. WHEN PAR WIDTH IS GREATER THAN 6' OR THE RUNNING SLOPE IS GREATER THAN 5%, DOUBLE THE CALCULATED TRANSITION LENGTH.

10 TRANSITION PANELS ARE TO ONLY BE USED AFTER THE RAMP OR IF NEEDED, LANDING ARE AT THE FULL CURB HEIGHT (TYPICAL SECTION).

11 EXISTING CROSS SLOPE GREATER THAN 2.0%.

#### LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

⑤ INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% AND 8.3% MAXIMUM PER SECTION SHOWN

⑥ AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%.

⑦ LANDING AREA - 4' X 4' MIN. (6' X 6' MIN. PREFERRED DIMENSIONS AND MAY BE USED FOR TRANSITIONING THE CROSS-SLOPE OF 1.5% TO 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.

⑧ TRANSITION PANEL(S) - TO BE USED FOR TRANSITIONING THE CROSS-SLOPE OF 1.5% TO 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS. PER 1 LINEAR FOOT OF WALK, SEE THIS SHEET FOR ADDITIONAL INFORMATION.

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REVISED 3-23

REVISIONS

APPROVED: 11-04-2021

DESIGNED BY

OPERATIONS DIVISION



STATE DESIGN ENGINEER  
J. M. S. J. M. S. J. M. S.

APPROVED: 11-04-2021  
REVISED:

STANDARD PLAN 5-297.250 5 OF 6

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO.

(TH )

SHEET NO. OF

SHEETS