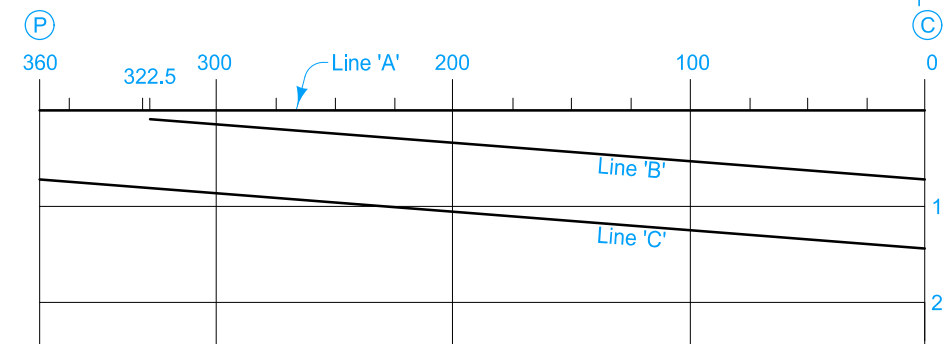


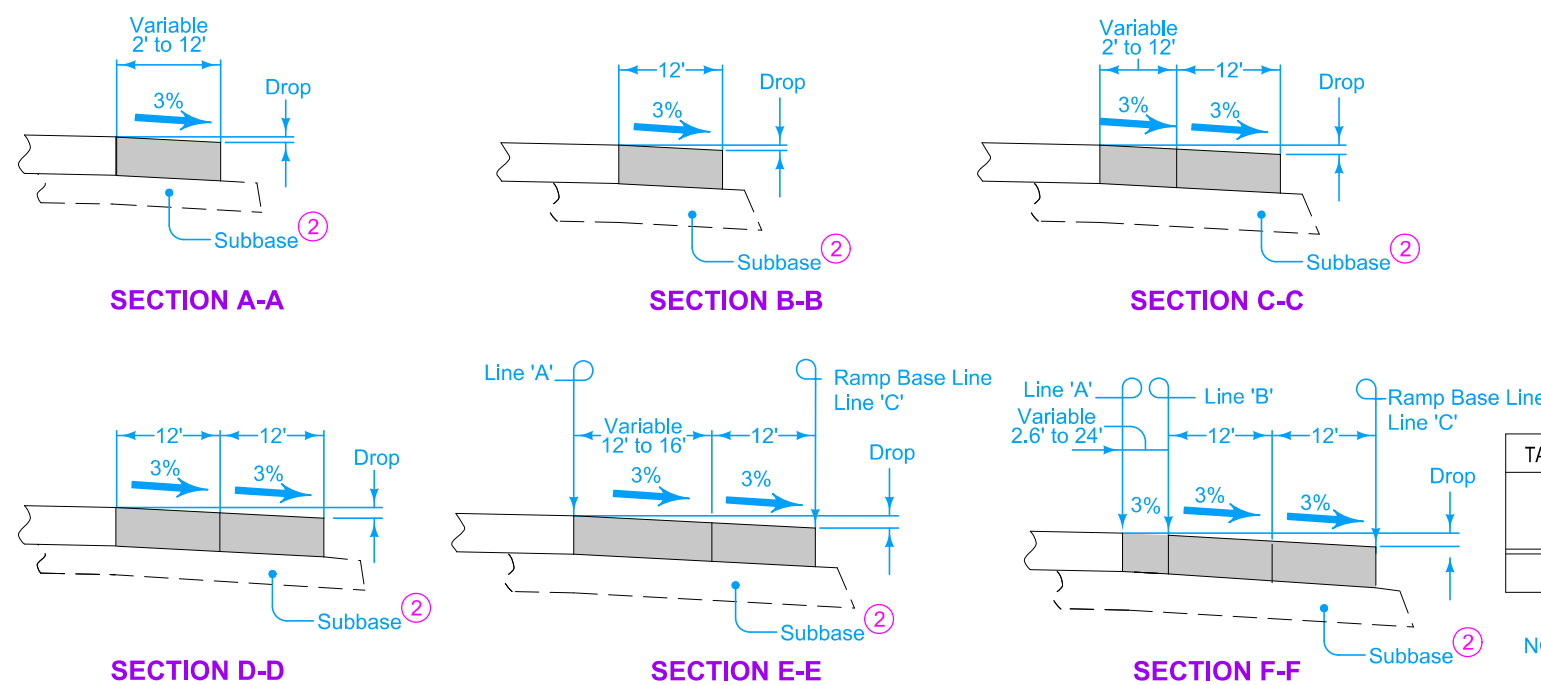
TABLE OF OFFSETS AND DROPS FOR 24' RAMP TAPER

DISTANCE FROM POINT (P) ALONG LINE 'A' (Ft.)	360	350	325	322.5	300	275	250	225	200	175	150	125	100	75	50	25	0	
From Line 'A' To Line 'B'	OFFSET (Ft.)			2.5	4.00	5.67	7.33	9.00	10.67	12.33	14.00	15.67	17.33	19.00	20.67	22.33	24.00	
	SLOPE (%)	Constant 3.0% Slope																
	DROP (Ft.)				0.08	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.57	0.62	0.67	0.72
From Line 'B' To Line 'C'	OFFSET (Ft.)	Constant 24' Offset																
	SLOPE (%)	Constant 3.0% Slope																
	DROP (Ft.)				0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
From Line 'A' To Line 'C'	OFFSET (Ft.)	24.00	24.72	26.39														
	SLOPE (%)	3.00	3.00	3.00														
	DROP (Ft.)	0.72	0.74	0.79	0.80	0.84	0.89	0.94	0.99	1.04	1.09	1.14	1.19	1.24	1.29	1.34	1.39	1.44



Note: The algebraic difference between the profile grade for ramp base line at (M) and relative profile grade of mainline at (C) is 0.20%.

PROFILE



Construct ramp exit pavement the same thickness as mainline pavement.

For joint detail, see PV-101.

(1) For header construction detail at the end of taper See Typical 7101 or Typical 7102.

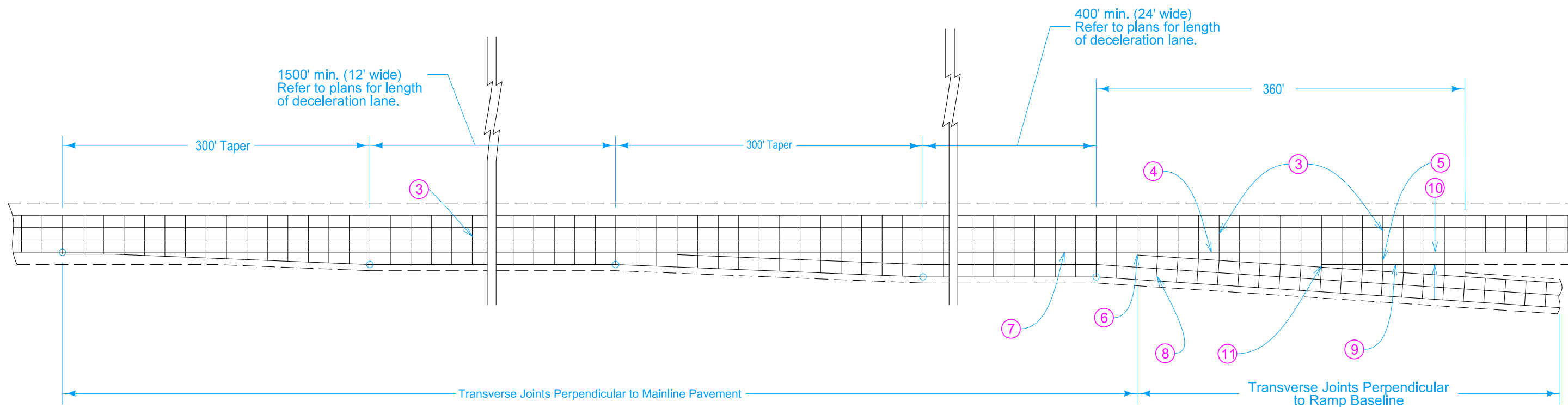
(2) Construct subbase for ramp exit pavement the same thickness as mainline subbase.

TABLE OF SHOULDER TRANSITION LENGTHS WITH 6' SHOULDER ON RAMP

W <sub>o</sub>	Shoulder Width beyond Edge of Mainline Pavement		
	8'	10'	12'
12'	NA	100'	150'

NOTE: W<sub>o</sub> is the width of the outside lane to the Edge of Pavement.

<p><b>STANDARD ROAD PLAN</b></p>	REVISION
	NEW 4-21-26
	<b>PV-404</b>
REVISIONS: Replaces detail 533-04	SHEET 1 of 2
<p>APPROVED BY DESIGN METHODS ENGINEER</p>	
<p><b>PARALLEL DECELERATION TAPER FOR 24' RAMP (60 MPH DESIGN SPEED)</b></p>	



## 24' EXIT RAMP WITH PARALLEL DECELERATION LANE

- ③ 'CD' Joints at 17' spacing.
- ④ 'BT-2' Joint.
- ⑤ 'C' Joint.
- ⑥ 'B' Joint. 2' minimum, 4' maximum.
- ⑦ 'L-2' Joint.
- ⑧ Construct transverse joints on the exit ramp taper perpendicular to the ramp baseline where the gore area is 4 feet or greater.
- ⑨ 'C' Joint parallel to mainline pavement.
- ⑩ 10' minimum or equal to mainline shoulder width.
- ⑪ 'B' or 'C' Joint. 2' minimum, 4' maximum.

	REVISION	
	NEW	4-21-26
STANDARD ROAD PLAN		PV-404
REVISIONS: Replaces detail 533-04		SHEET 2 of 2
 APPROVED BY DESIGN METHODS ENGINEER		
<b>PARALLEL DECELERATION TAPER FOR 24' RAMP (60 MPH DESIGN SPEED)</b>		