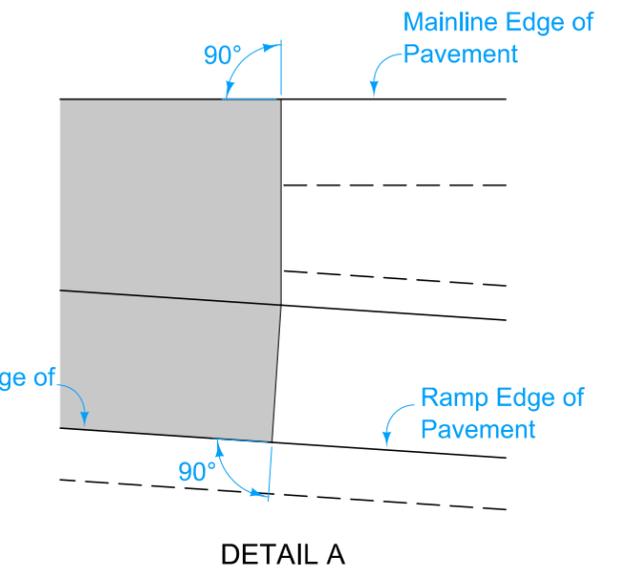


Construct ramp exit pavement the same thickness as mainline pavement.  
 Ramp exit pavement shown by shaded area is 1332 square yards.

For joint details, see PV-101.

- ① For header construction details at the beginning of taper, see Typical 7101 or Typical 7102.
- ② Construct subbase for ramp exit pavement the same thickness as mainline subbase.

NOTE: The algebraic difference between profile grade for Ramp Base Line at M and relative profile grade of Mainline at C is 0.2%.



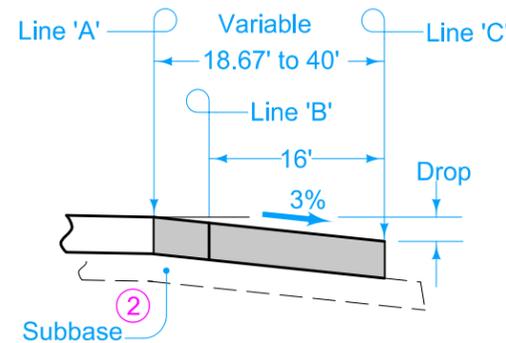
PROFILE

C Ramp Taper Edge of Pavement  
 Ramp Edge of Pavement

M

TABLE OF OFFSETS AND DROPS FOR 16' RAMP TAPER

DISTANCE FROM POINT C ALONG LINE 'A' (Ft.)		600	575	550	525	500	475	450	425	400	375	350	320	300	275	250	225	200	175	150	125	100	75	50	25	0	
From Line 'A' To Line 'B'	OFFSET (Ft.)												2.63	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 16' Offset →																									
	SLOPE (%)	← Constant 3.0% Slope →																									
	DROP (Ft.)													0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
From Line 'A' To Line 'C'	OFFSET (Ft.)	0	1.67	3.33	5.00	6.67	8.33	10.00	11.67	13.33	15.00	16.67															
	SLOPE (%)	← Constant 3.0% Slope →																									
	DROP (Ft.)	0	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.56	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15	1.20	

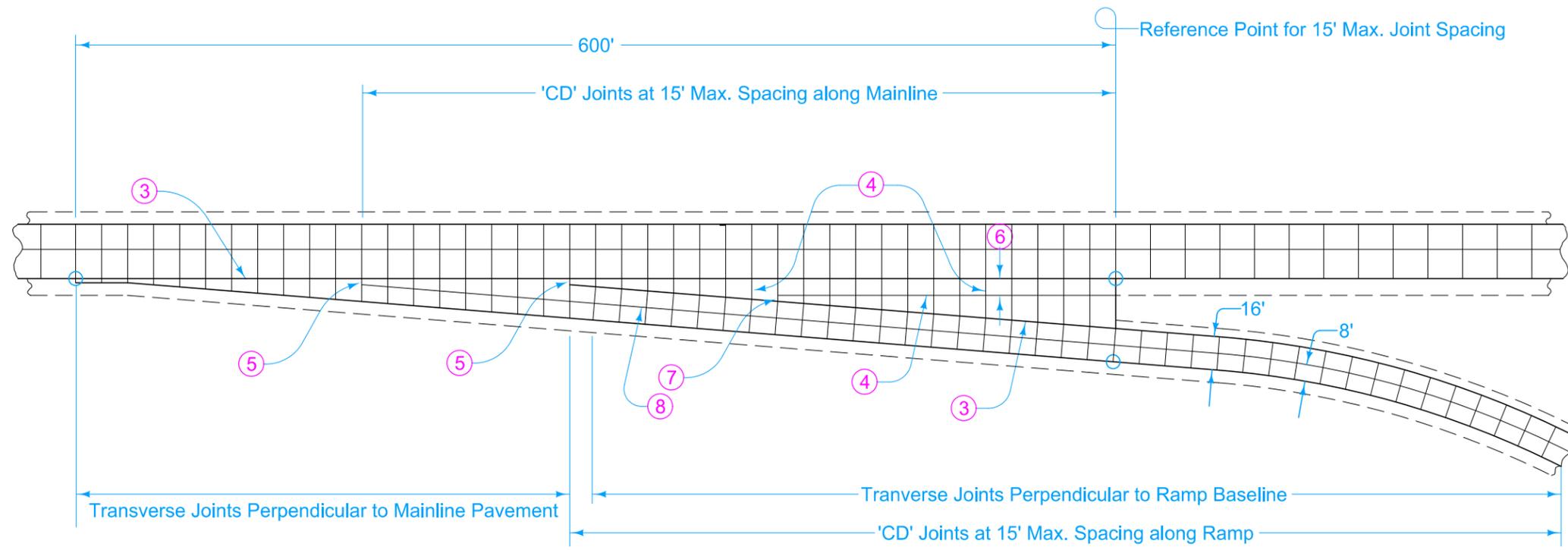


SECTION A-A

TABLE OF SHOULDER TRANSITION LENGTHS			
W <sub>o</sub>	Shoulder Width beyond Edge of Mainline Pavement		
		8'	10'
12'	NA	60'	90'

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

	REVISION	
	8	10-21-25
<b>STANDARD ROAD PLAN</b>		<b>PV-410</b>
REVISIONS: Removed 'KT-2' joint option.		SHEET 1 of 2
 APPROVED BY DESIGN METHODS ENGINEER		
<b>DECELERATION TAPER          FOR 16' RAMP</b>		



- ③ 'BT-2' Joint.
- ④ 'C' Joint.
- ⑤ 'B' Joint. 2' minimum. 4' maximum.
- ⑥ 10' minimum or equal to mainline shoulder width.
- ⑦ 'B' or 'C' Joint. 2' minimum. 4' maximum.
- ⑧ 'L-2' Joint.

16' EXIT RAMP

	REVISION	
	8	10-21-25
STANDARD ROAD PLAN		PV-410
		SHEET 2 of 2
REVISIONS: Removed 'KT-2' joint option.		
APPROVED BY DESIGN METHODS ENGINEER		
<b>DECELERATION TAPER FOR 16' RAMP</b>		