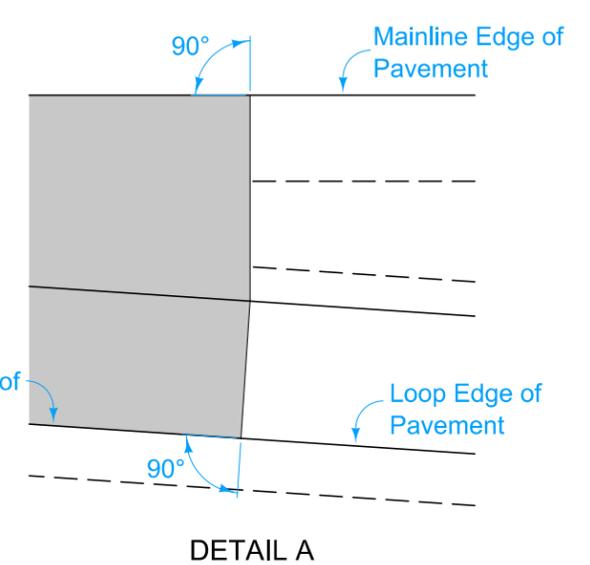


Construct loop exit pavement the same thickness as mainline pavement.

Loop 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 loop exit pavement the same thickness as mainline subbase.



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

PROFILE

TABLE OF OFFSETS AND DROPS FOR 18' LOOP TAPER																												
DISTANCE FROM POINT C ALONG LINE 'A' (Ft.)		600	575	550	525	500	475	450	425	400	375	350	325	300	275	250	225	200	175	150	125	100	75	50	25	0		
From Line 'A' To Line 'B'	OFFSET (Ft.)													2.00	3.67	5.33	7.00	8.67	10.33	12.00	13.67	15.33	17.00	18.67	20.33	22.00		
	SLOPE (%)													← Constant 3.0% Slope →														
	DROP (Ft.)														0.06	0.11	0.16	0.21	0.26	0.31	0.36	0.41	0.46	0.51	0.56	0.61	0.66	
From Line 'B' To Line 'C'	OFFSET (Ft.)																											
	SLOPE (%)																											
	DROP (Ft.)																											
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	18.33															
	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		

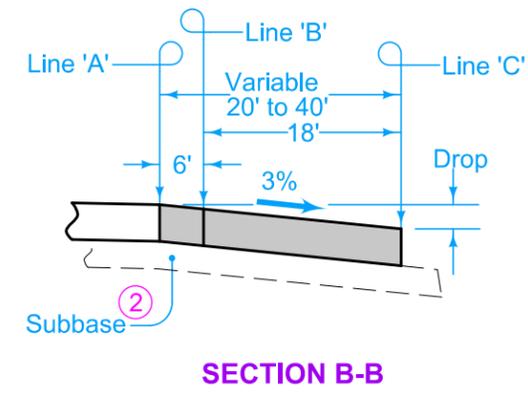
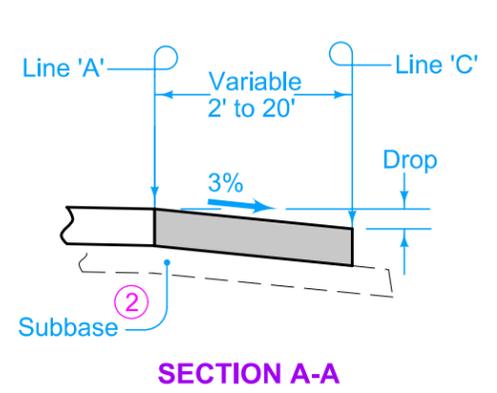
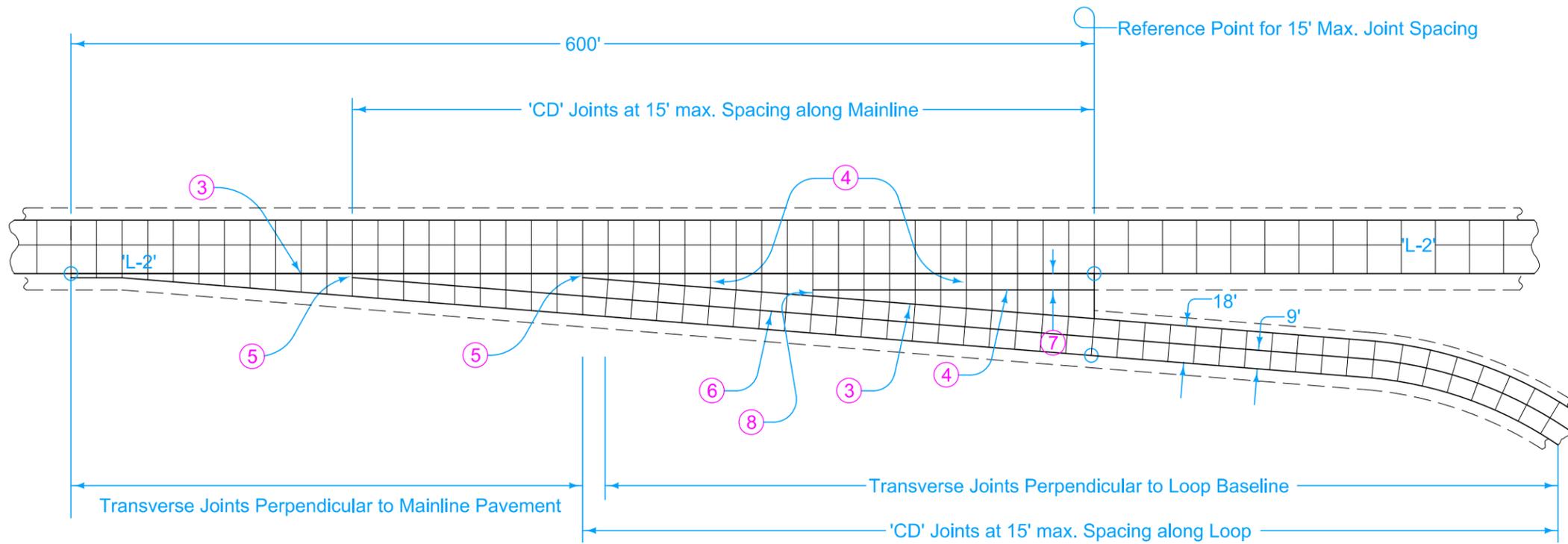


TABLE OF SHOULDER TRANSITION LENGTHS			
W _o	Shoulder Width beyond Edge of Mainline Pavement		
		8'	10'
12'	NA	60'	90'

NOTE: W_o is the width of the outside lane to the Edge of Pavement.

 STANDARD ROAD PLAN	REVISION	
	7	10-21-25
	PV-412	
SHEET 1 of 2		
REVISIONS: Removed 'KT-2' joint option.		
APPROVED BY DESIGN METHODS ENGINEER		
DECELERATION TAPER FOR 18' EXIT LOOP		



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

18' EXIT LOOP

	REVISION	
	7	10-21-25
STANDARD ROAD PLAN		PV-412
		SHEET 2 of 2

REVISIONS: Removed 'KT-2' joint option.

Shawn Miller
 APPROVED BY DESIGN METHODS ENGINEER

**DECCELERATION TAPER
 FOR 18' EXIT LOOP**