

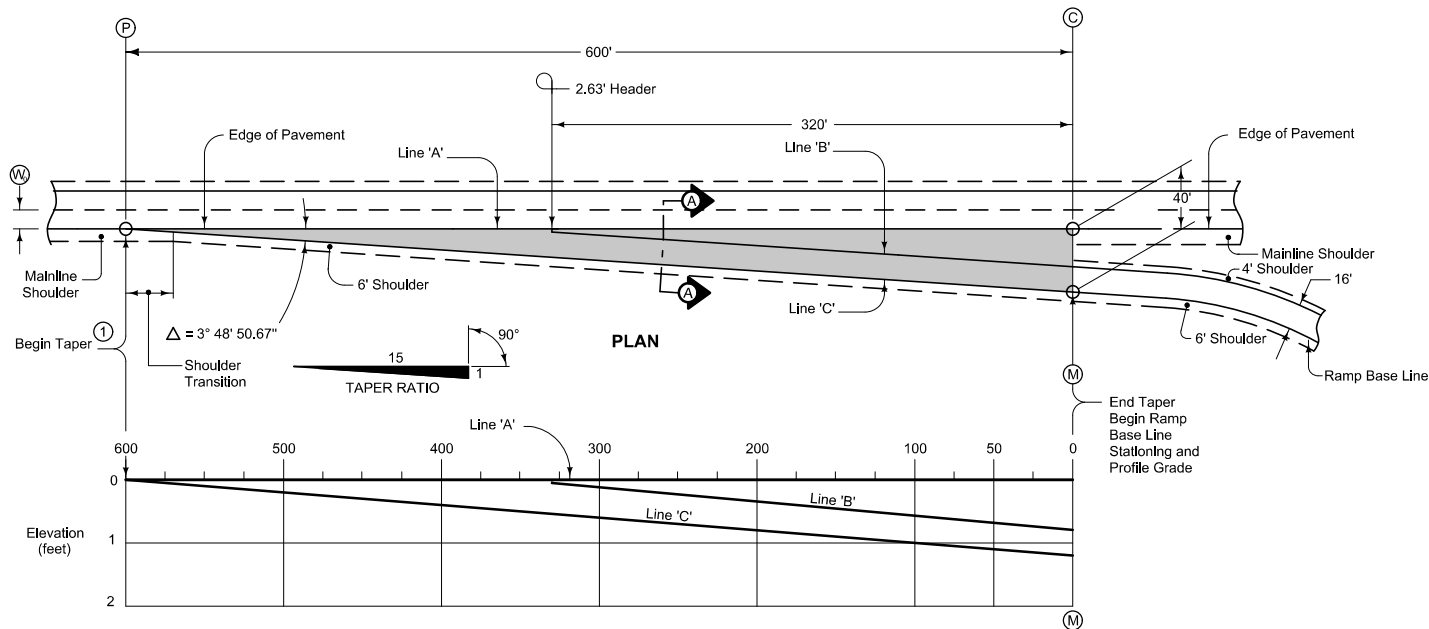


TABLE OF OFFSETS AND DROPS FOR 16' RAMP TAPER																				
DISTANCE (FL)	600	575	550	525	500	475	450	425	400	375	350	320	300	275	250	225	200	175	150	125
OFFSET (FL)	0	1.67	3.33	5.00	6.67	8.33	10.00	11.67	13.33	15.00	16.67	18.67	20.00	21.67	23.33	25.00	26.67	28.33	30.00	31.67
DROP (Ft.)	0	0.05	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

NOTE: The elevations at edge of taper from BEGIN TAPER to POINT 'M' are established by a constant 3% slope across the appropriate taper widths based on the Taper Ratio of 15:1. Drop = (0.03) x (Offset).

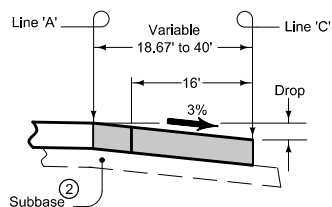


TABLE OF SHOULDER TRANSITION LENGTHS			
W	Shoulder Width beyond Edge of Mainline Pavement		
	8'	10'	12'
12'	NA	60'	90'
14'	30'	60'	NA

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

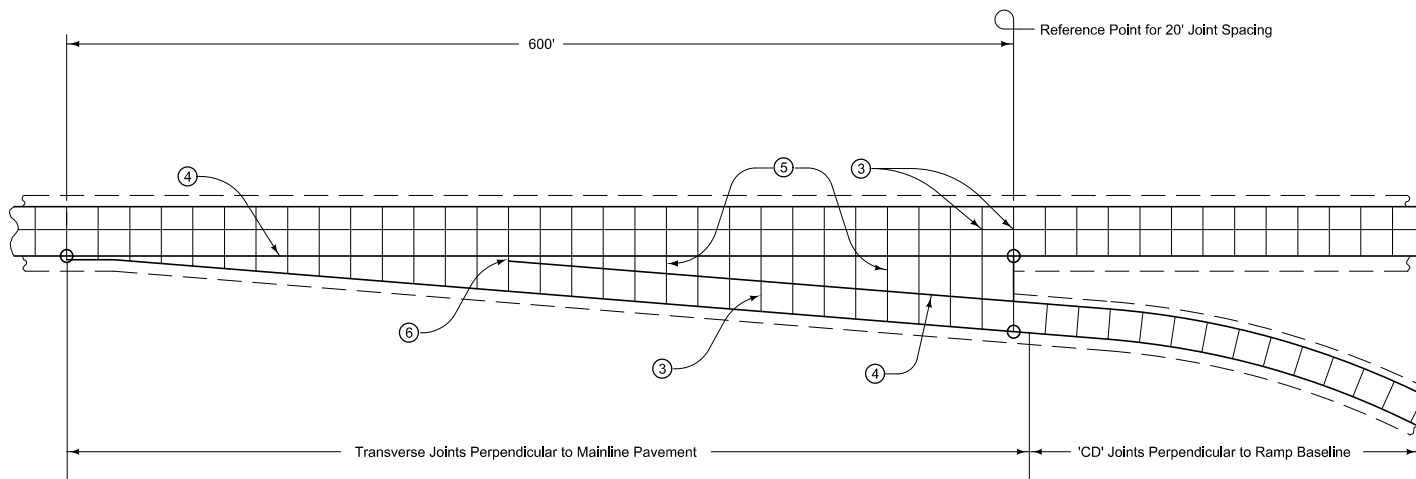
Construct ramp exit pavement the same thickness as mainline pavement.

Ramp exit pavement shown by shaded area is 1334 square yards.

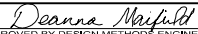
For joint details, see PV-101.

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

Iowa Department of Transportation STANDARD ROAD PLAN REVISIONS: Updated references to renamed standards. APPROVED BY DESIGN METHODS ENGINEER	REVISION 1 04-19-11
	PV-410 SHEET 1 of 2
	DECELERATION TAPER FOR 16' EXIT RAMP



16' EXIT RAMP

 Iowa Department of Transportation	REVISION	
	1	04-19-11
STANDARD ROAD PLAN	PV-410	
SHEET 2 of 2		
REVISIONS: Updated references to renamed standards.		
 APPROVED BY DESIGN METHODS ENGINEER		
DECELERATION TAPER FOR 16' EXIT RAMP		