

pavement will be maintained until a 0.07 break in slope at the pavement edge of pavement will be maintained until a 0.07 break in slope at the pavement superelevation increases, the 0.07 break in slope will be maintaine and the shoulder flattened until the shoulder slope reaches the minimum of 0.02 downward from the edge of pavement. Any further increase in pavement superelevation will necessitate sloping the inside half of the shoulder toward the pavement and the outer half outward, both at 0.02 for superelevations 0.06-0.09 and both at 0.03 for superelevation 0.10.

SHOULDER ON LOW SIDE: Maintain 0.06 drop across inside shoulder until pavement cross slope reaches 0.06. For pavement cross slopes greater than 0.06, shoulder to have same slope as pavement.

These slopes are the same as those shown pictorially on sheet 2.

NOTE: These details apply to both paved and grassed shoulders.

For median shoulders use 0.05 in lieu of 0.06.

SHOULDER CONSTRUCTION WITH SUPERELEVATION

DEGREE OF CURVE	DESIGN SPEED, V MPH						
(D)	30	40	45/50	55	60	65	70
0° 15′	NC	NC	NC	NC	NC	NC	NC
0° 30′	NC	NC	NC	NC	RC	RC	RC
0° 45′	NC	NC	RC	RC	0.023	0.025	0.028
1° 00'	NC	NC	0.021	0.025			
/° 30′	NC	0.021	SEE	DESIGN			ATION
2° 00′	RC			RA	TE TO	LEFT	

GENERAL NOTES

I. For curves in urban highways and high speed urban streets, see Index No. 5II.

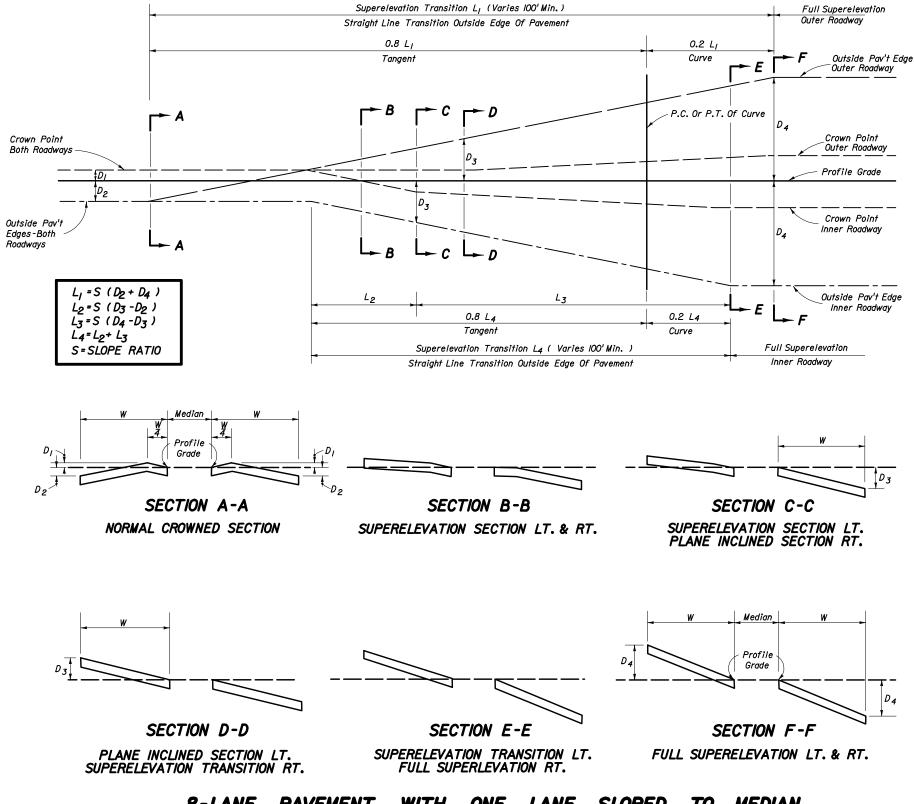
DESIGN SUPERELEVATION RATES FOR RURAL HIGHWAYS, URBAN FREEWAYS AND HIGH SPEED URBAN HIGHWAYS



2006 FDOT Design Standards		Sheet No.
SUPERELEVATION	00	1 of 2
JUI LILLLVATIUN		

RURAL HIGHWAYS, URBAN FREEWAYS AND HIGH SPEED URBAN HIGHWAYS

510



Travel Way Shoulder 0.03 0.01 0.06 0.00 0.06 0.01 0.06 0.02 0.06 0.03 0.06 0.04 0.06 0.06

SLOPES OF TRAVELED WAY AND ABUTTING SHOULDERS

SHOULDER SLOPES ON SUPERELEVATION SECTIONS

Sheet No.

2 of 2

510

00

8-LANE PAVEMENT WITH ONE LANE SLOPED TO MEDIAN

