Highway Design Speed, mph	30	35	40	45	50	55	60	65	70
	Ramp Design Speed, mph								
Upper Range, 85%	25	30	35	40	45	48	50	55	60
Middle Range, 70%	20	25	30	33	35	40	45	45	50
Lower Range, 50%	15	18	20	23	25	28	30	30	35
	Corresponding Minimum Radius, ft								
	25	50	90	150	230	310	430	540	660

RAMP DESIGN SPEEDS
AND CORRESPONDING MINIMUM RADII

Figure 48-5A