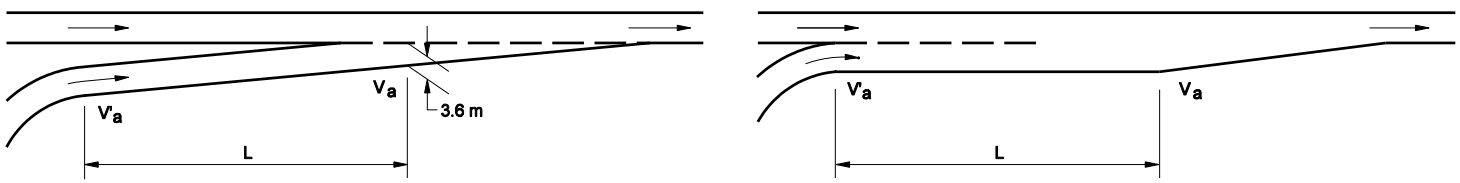
Highway Design Speed (km/h)	Speed Reached, V a (km/h)	Acceleration Length, L (m) for Entrance Curve Design Speed (km/h) and Initial Speed, V'a (km/h)							
		Stop	20	30	40	50	60	70	80
		0	20	28	35	42	51	63	70
50	31	60	50	--	--	--	--	--	--
60	39	95	80	65	--	--	--	--	--
70	47	150	130	110	90	65	--	--	--
80	54	200	180	165	145	115	65	--	--
90	61	260	245	225	205	175	125	35	--
100	69	345	325	305	285	255	205	110	40
110	75	430	410	390	370	340	290	200	125



TAPER TYPE

PARALLEL TYPE

Note: Uniform 50:1 to 70:1 tapers are recommended where lengths of acceleration lane exceed 400 m.

Minimum Acceleration Lengths for Entrance Terminals
With Flat Grades of 2 Percent or Less

Figure 48-4D