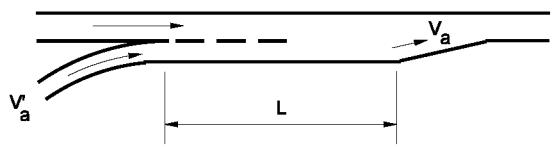
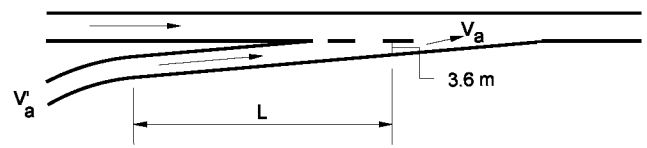
Highway Design Speed (km/h)	Speed Reached, V'_a (km/h)	L = Acceleration Length (m) or Design Speed of First Governing Geometric Control (km/h)						
		Stop	30	40	50	60	70	80
		For Average Running Speed V'_a (km/h)						
		0	40	47	30	55	63	70
50	31	50	--	--	--	--	--	--
60	39	75	35	--	--	--	--	--
70	47	150	120	80	--	--	--	--
80	54	265	235	200	130	--	--	--
90	61	480	455	425	365	175	--	--
100	69	730	705	675	615	425	260	--
110	75	1010	955	900	850	725	575	215



PARALLEL TYPE



TAPER TYPE

Note: The acceleration lengths are calculated from the distance needed for a 120 kg/kW truck to accelerate from the average running speed of the entrance curve to reach a speed (V'_a), which is 16 km/h below the average running speed on the mainline.

LENGTHS FOR ACCELERATION
(120 kg/kW Truck)

Figure 48-4F