1. Lengths are applicable for all motorway posted speeds.

2. Length will be governed by approach geometry (60m - 90m).

3. Four seconds of travel time at the motorway posted speed. Parallel running lane length may be increased to a maximum of 200m to allow for vehicle acceleration based on grade correction.

4. Taper length based on a lateral movement at 1.64m/s at the motorway posted speed.

5. Minimum distance from the start of the ramp to the soft nose shall not be less than the acceleration distance from 0km/h to the motorway posted speed.

6. 50% of the distance from the start of ramp to the stop line.

FOR DETAIL REFER TO AUSTROADS GUIDE TO ROAD DESIGN PART 4C.