

(1) Marshalling Yards

Yards is a place where goods trains and other loads are received, sorted out ~~accord~~ according to a plan and new trains formed and dispatched onwards.

(2) Locomotive

The word locomotive originates from the Latin loco - from a place ablative of locus place and the medieval Latin motives causing motion. Locomotive engine, which was first used in 1814 to distinguish b/w self propelled and stationary engines.

(3) Coning of wheel

The rim of flanges of the wheels are never made flat but they are in the shape of a cone with a slope of about 1 to 20. This is known as coning of wheels. Advanta.

(D) Exception Gradient

(1) Exceptional gradient are very steeper gradients given at Unavoidable situations.

(2) They should be limited for short stretches not exceeding about 100 m at stretch.

(E) Minimum Gradient

It depends on the road fall type of soil and other site conditions.

A minimum of 1 in 500 may be sufficient for concrete drain in 1 in 400 for a perv soil drains are found to give satisfactory performance.