Adjustment Factor of No. of lanes on spiral length

Road · https://mes100.com/docs/adjustment-factor-of-lanes-on-spiral-length/

The adjustment factor is used to adjust for different roadway widths in order to provide good manoeuvring facilities to user.

To edit, go to Options > Parameters > Design > Superelevation > edit ‘Adjustment Factor of No. of lanes’

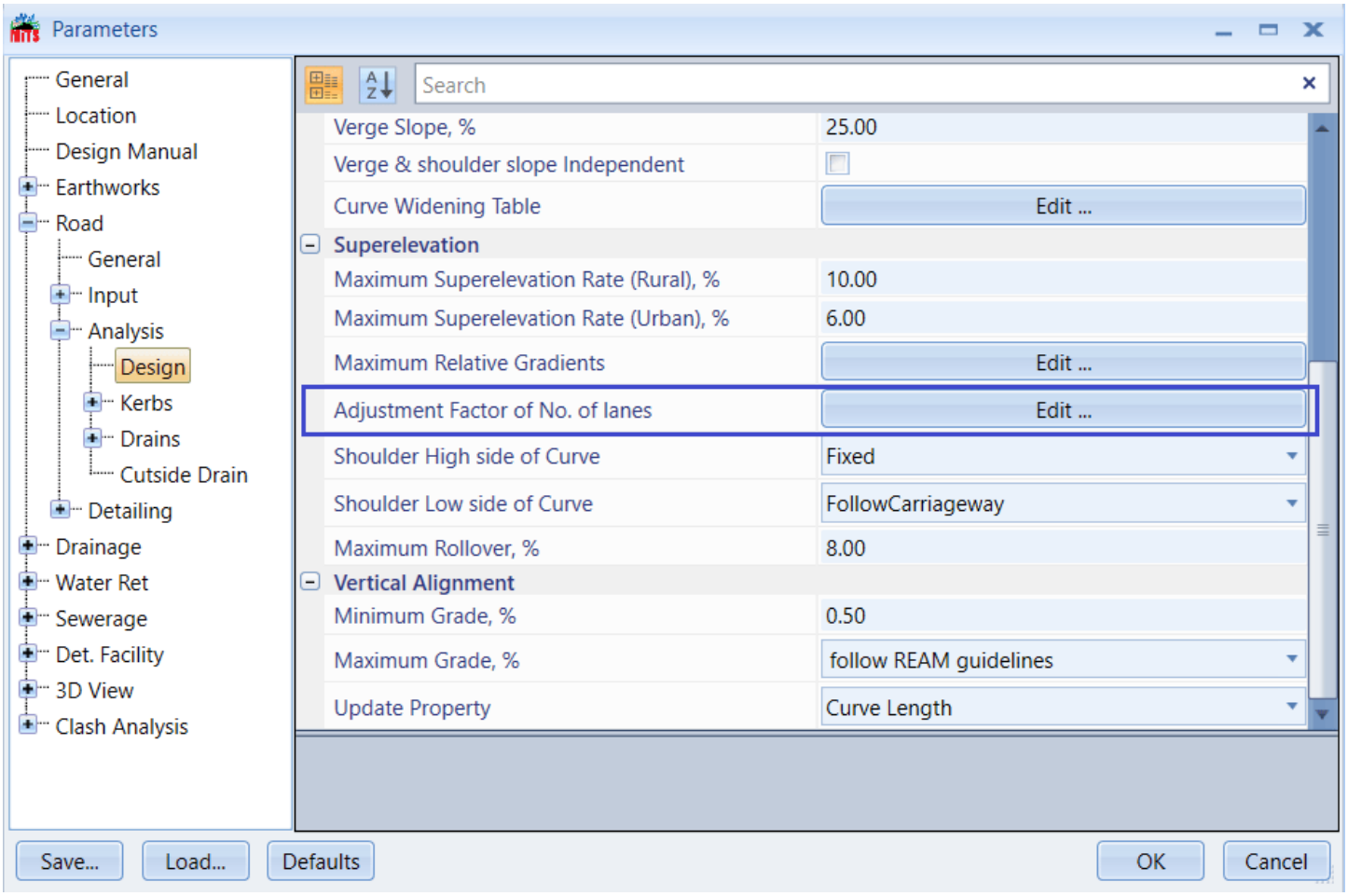

Image 1: Parameters

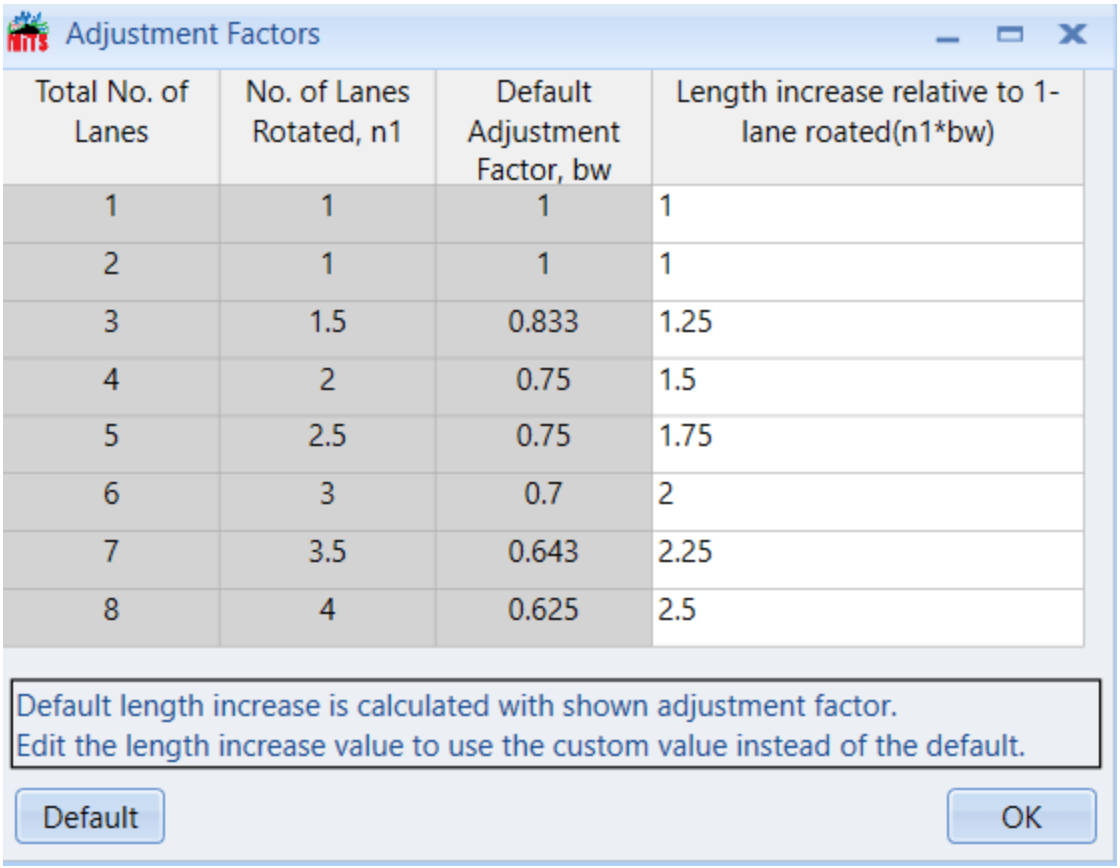

Image 2: Adjustment Factors

Example:

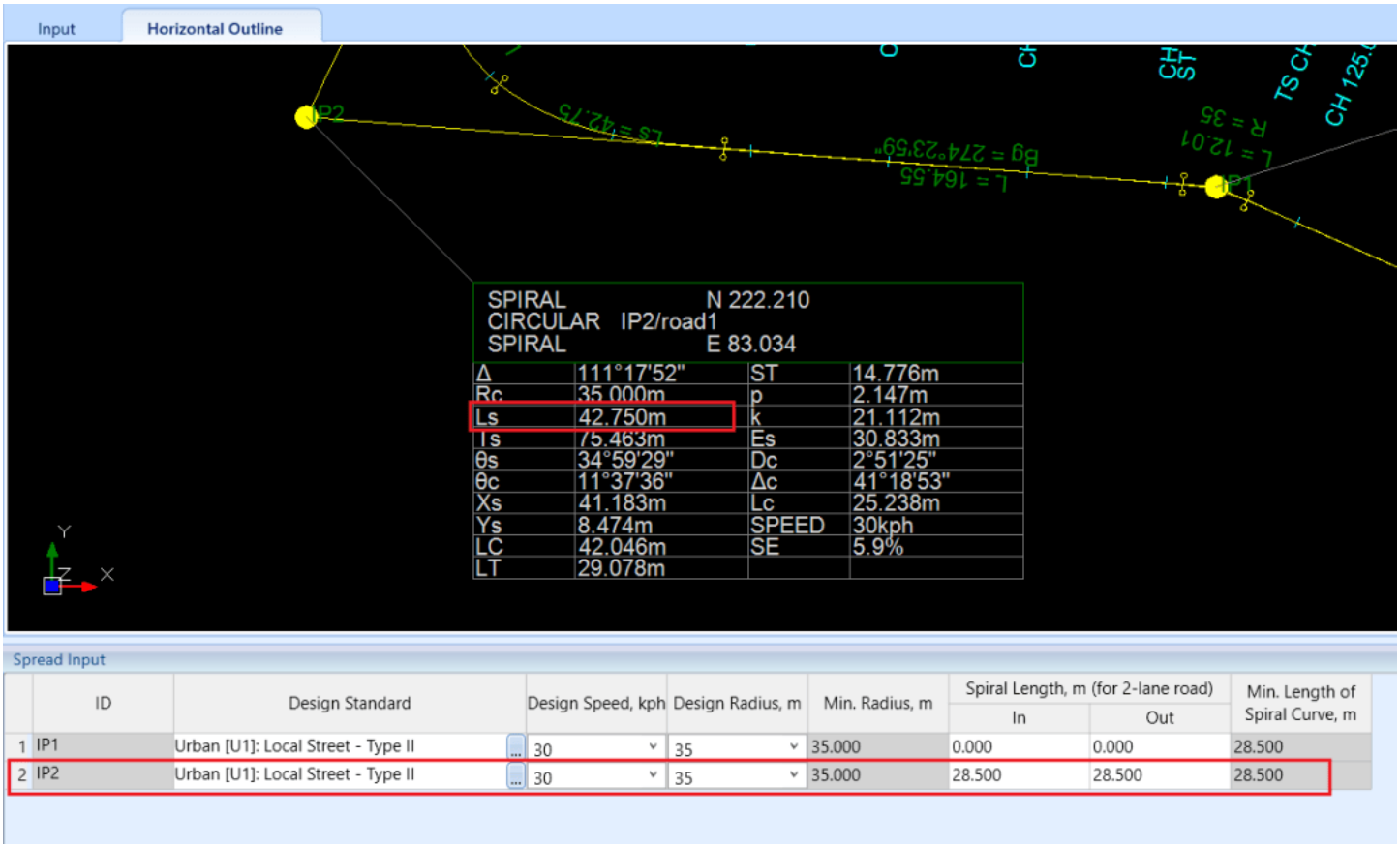

Image 3: Spiral Length at input at ‘Spread Input’ is not the same as shown in ‘Horizontal Outline’

As shown in image 3, the spiral is not the same due to the ‘Adjustment factor’.

Total number of lanes = 4

Spiral length = 28.5 m x 1.5 (from adjustment factor table for total number of lanes = 4) = 42.75m

Related



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I’m the Benevolent Dictator for Life for MiTS Software cum Editor of this website. Read more here.

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