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Subject: Re: Clothoid

Posted by [christian.rahmig](#) on Wed, 22 Jun 2016 11:32:06 GMT

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Dear Illan,

welcome to the railML infrastructure community!

Am 21.06.2016 um 13:35 schrieb Illan RUL-DA CUNHA:

> [...]

>

> Does someone have an example of a clothoid represented with

> its geometry? For example: <radiusChange radius="2000"

> pos="175,18"

> superelevation="15"

> geometryElementDescription="TS\_clothoide">

> Indeed, I tried to write this example with the

> documentation, but I think its not sufficient to represent

> the infrastructure geometry of the clothoide.

>

> [...]

Indeed, the example you provided only states that you have a clothoid, but not which specific type. Please use one of the other available enumeration values:

\* TS\_cubicParabola

\* TS\_parabola4

\* TS\_WienerBogen

\* TS\_BlossBogen

\* TS\_Sinusoid

\* TS\_Cosinusoid

You can also define your own value (if correct one is missing) making use of the any enumeration value.

To be clear: railML does not model the transition curve parameters.

Please look them up in a corresponding reference or try to include the LandXML schema.

Best regards

Christian

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Christian Rahmig

railML.infrastructure coordinator

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