Posted by Christian Rahmig on Wed, 03 Dec 2014 07:59:44 GMT
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Dear everyone,

Am 01.12.2014 22:11, schrieb Christian Rahmig:
> [...]
>
> at the last railML.org conference in Paris on 07.10.2014, I presented a
> solution for the transition curve problem, which is applicable to railML
> 2.2 (see [1]).
>
> In particular, there are two possible approaches based on <radiusChange>
> element (see [2]):
>
> (1) add further description of the radiusChange using the description
> attribute. Thus, the type of the curve can be described. If not empty,
> possible values can be:
>
>   * UA_cubicParabola
>   * UA_parabola4
>   * UA_clothoide
>   * UA_WienerBogen
>   * UA_BlossBogen
>   * UA_Sinusoide
>   * UA_Cosinusoide
>   * UA_other
>   * UE, which marks the end of the transition curve.
>
> [...]

> [1]
> http://documents.railml.org/events/slides/2014-10-08_rahmig- railmltransitionbends.pdf
>
> [2] https://trac.railml.org/ticket/251

Instead of the abbreviations 'UA' and 'UE' that are derived from the
German terms "Übergangsbogenanfang" and "Übergangasbogenende", it is
suggested to use the English driven abbreviations 'TS' (Tangent -
Spiral) and 'SC' (Spiral - Curve).

 http://docs.autodesk.com/CIVIL/2010/ENU/AutoCAD%20Civil%2020
10%20User%20Documentation/index.html?url=WSfacf1429558a55de6
812d1041fa83470-7288.htm,topicNumber=d0e117613

Best regards

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Christian Rahmig
railML.infrastructure coordinator