
Subject: Re: [railML3] Signalled braking distance of a line (de: Regelbremsweg einer Strecke)

Posted by _____ on Fri, 01 Apr 2022 10:52:35 GMT

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Dear all,

I welcome this (optional) attribute in general but I want to suggest

- to name it understandably: It is not the standard braking distance - this is a misinterpretation of the old German term "Bremswegabstand" which was never a proper term. It is the default pre-signalling distance. The actual braking distances are (and should be, according to operating rules) usually longer or shorter. We should select a term which allows a deduction of the meaning for non-German speakers: @defaultPresignallingDistance or such.

- For annotations/Wiki: It has some pure theoretical and formal meaning in cases where someone must setup a "presignalling" on short-term notice: Place donators along the track in case of a broken rail, for instance... As I said: It's formal, not very practical nowadays. But due to this, it is needed to calculate the minimum necessary braking percentage of a line.

- Please be aware (and allow in the data model) that it depends on the direction and section of the line/track. I have examples where the default pre-signalling distance is different for both directions at the same section of line and where it changes several times on the same line.

- Please do not use an enumeration. There is no real technical/logical limitation of these values. On historical lines (mainly Schmalspurbahnen), we have exotic values and we would surely miss one.

Best regards,
Dirk.
