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Subject: Re: [railML3]: special infrastructure in IL - bascule bridge, tunnel gates  
Posted by [Jörg von Lingen](#) on Sat, 23 Jan 2021 06:47:21 GMT  
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Dear Christian,  
dear all,

to answer your questions - yes, we will need extensions in IS.

1) We shall have a new element "tunnelGateIS" in functionalInfrastructure, which shall provide the position of this gate and the relation to the <overcrossing> (tunnel).

For small tunnels the exact position might be neglectable and just using the tunnel position. However, for longer tunnels the gates will be controlled separately and thus we need to know on which end of the tunnel (or even in its middle) the gate is located.

In the IL scheme the element will be named "tunnelGateIL".

2) The attribute @constructionType may be extended for <undercrossing> (bascule bridge) to have the information in IS already.

Best regards,

Joerg v. Lingen - Interlocking Coordinator

Am 18.01.2021 um 15:28 schrieb Christian Rahmig:

- > Dear Jörg,
- > dear all,
- >
- > the solution proposal formulated in mentioned Trac tickets
- > aims at adapting the IL model. How about the IS view? Or, to
- > make it concrete:
- > - Do we need tunnel gates in the infrastructure scheme?
- > - Do we need to extend the attribute @constructionType for
- > bridges/tunnels to flag bascule bridges?
- >
- > Any feedback is highly appreciated...
- >
- > Thank you very much and best regards
- > Christian