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Subject: Re: railML 2.3 infrastructure extension proposal line sections

Posted by [christian.rahmig](#) on Mon, 20 Nov 2017 14:55:33 GMT

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Dear Dirk and Torben,  
dear all,

the topic is very relevant for the implementation of railML 3.1.  
Therefore, I tried to conclude the discussion and resulting open  
questions in a Trac ticket [1].

In order to come to a final solution I would like you to work together  
with me on answering the following questions:

- (1) What is the (operational) background of a line section? Why is this  
element important? What are the attributes required by the <lineSection>?
- (2) What is the exact dimension of a line section? Where does it begin  
and where does it end?
- (3) Is it necessary to define a "station" before specifying line section  
dimensions?
- (4) Shall the <lineSection> have an attribute @type to specify whether  
the line section belongs to a station ("station") or the path ("path")?
- (5) Is it allowed to have more than one <ocp> in one <lineSection>?
- (6) What is the difference between the (interlocking) related "TVD  
section" and the (infrastructure) based line section?

Any feedback from the rest of the community is also highly appreciated...

[1] <https://trac.railml.org/ticket/316>

Best regards  
Christian

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