



Rail Baltica- Railway line design tenders in 2018/2019

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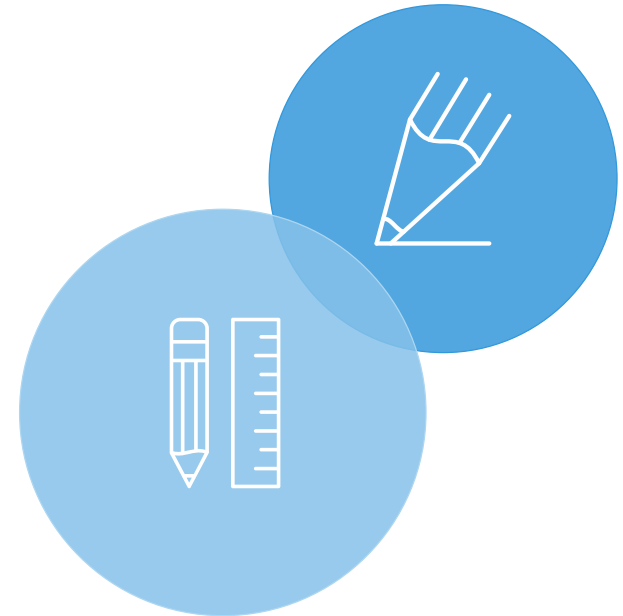
Rail Baltica Global Forum, April 11, 2018, Tallinn



Co-financed by the European Union
Connecting Europe Facility

General scope of the design and design supervision

- ⦿ Detailed technical design (including building permits) of the railway line
- ⦿ Scope of the design will not cover detailed CCS and ENE systems design (but only on principal level, accurate placement and main details in Master Design)
- ⦿ Design includes:
 - Site Surveys,
 - Value engineering studies,
 - Design solutions presentation and approval,
 - Master design,
 - Spatial planning solutions development (if necessary),
 - Public consultation,
 - Applications for building permits,
 - Detailed technical design,
 - Design author's supervision.



Design and design supervision tenders – the first sections



Announcement of the First Phase Tenders	29.12.2017	26.01.2018	29.12.2017
Opening of Tenders	21.02.2017	28.02.2018	21.02.2018
Number of participants	6	6	6
Announcement of Second Phase Tenders	Q2 2018	Q2 2018	Q2 2018
Opening of Second Phase Tenders	Q3 2018	Q3 2018	Q3 2018
Design Agreements signed	Q3 2018	Q3 2018	Q3 2018

- Supplier meeting days in November 2017
- Tenders in two stages and multiple sections
- Design service period is 24 months (Master Design period 12 months)

Design and design supervision tenders – the next Rail Baltica sections

2nd Sections



Announcement of the First
Phase Tenders

10.04.2018

Q2 (April) 2018

10.04.2018

Opening of Tenders

Q2/Q3 2018

Q2/Q3 2018

Q2/Q3 2018

Announcement of Second
Phase Tenders

Q3 2018

Q3 2018

Q3 2018

Opening of Second Phase
Tenders

Q4 2018

Q4 2018

Q4 2018

Design Agreements signed

Q4 2018

Q4 2018

Q4 2018

3rd
Sections

First Phase of Tenders

Q3 2018

2019

2021

Second Phase of Tenders

Q3 2018

2019

2021

Design Agreements signed

Q4 2018

2019

2021

Design and design supervision services for the line from Pärnu to Rapla

Indicative amounts based on preliminary design:

Length of the section 71 km (double track)



Number of bridges: 4



Number of eco-ducts: 9



Number of road viaducts: 17



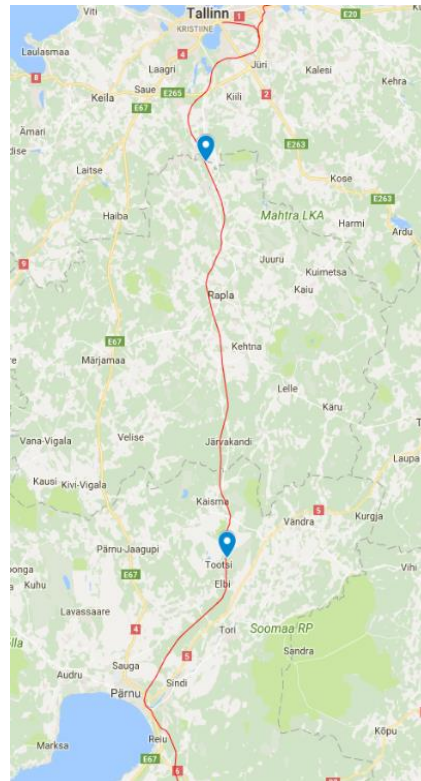
Number of culverts: 91



Number of railway viaducts: 4



Number of stations (with passing loops): 2 (Rapla, Järvakandi station)



Design and design supervision services for the section through Riga

Upeslejas - Riga central station 15,6 km, Tornakalns - Imanta 7,9 km, Riga Airport - Misa river 33,1 km.

Indicative amounts based on preliminary design: **Total length of the sections 56,6 km**



Number of bridges: 6



Number of road viaducts: 12



Number of railway viaducts: 16



Existing railway 1520

mm area
 Rail Baltica



Number of eco-ducts: 4



Number of culverts: 121



Number of main gas pipeline crossings: 3



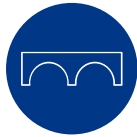
Cut and cover tunnel
2480 m length



Design and design supervision services for the line from Kaunas to Ramygala

Indicative amounts based on spatial planning design:

Length of the section 76,6 km (double track)



Number of bridges: 3 +
Large bridge (1,7 km length)
over Neris river.



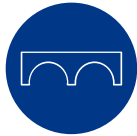
Number of eco-ducts: 3



Number of road
viaducts: 7



Number of culverts: 69



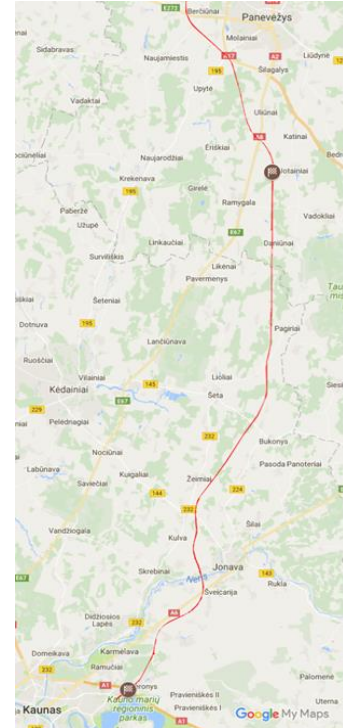
Number of railway
viaducts: 11



Number of crossovers: 2



Number of stations /
passing loops: 2



Design and design supervision services for the line from Tallinn to Rapla

Indicative amounts based on preliminary design:

Length of the section 50 km including Muuga section (double track)



Number of bridges: 10



Number of road viaducts: 11



Number of railway viaducts: 6



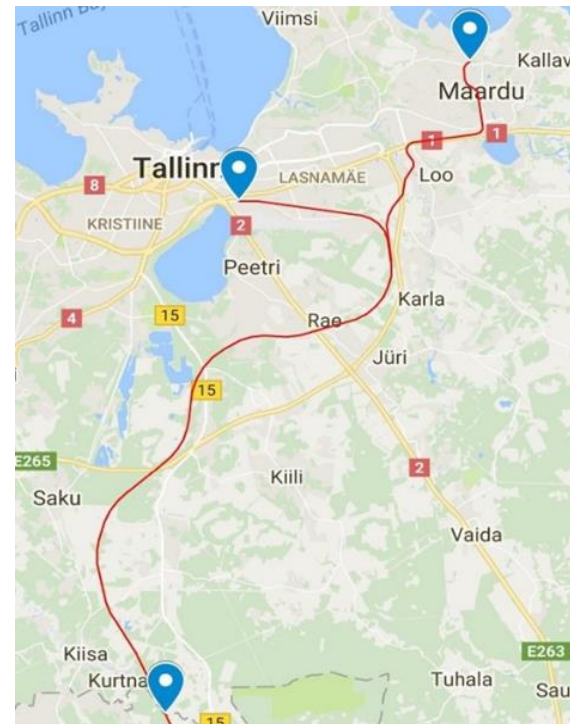
Number of eco-ducts: 4



Number of culverts: 46



Number of stations (with passing loops): 3 (Kurtina, Rae, Depo stations). Ülemiste and Muuga terminals not included

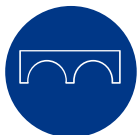


Design and design supervision services for the section Vangazi – Salaspils - Misa

Vangazi – Kivulurga river 29 km and Kivulurga river – Salaspils – Misa river sections 31 km

Indicative amounts based on preliminary design:

Total length of the sections 60 km (double track)



Number of bridges: 9 +
Large bridge (1,6 km)
over Daugava river



Number of eco-ducts: 4



Number of road
viaducts: 14



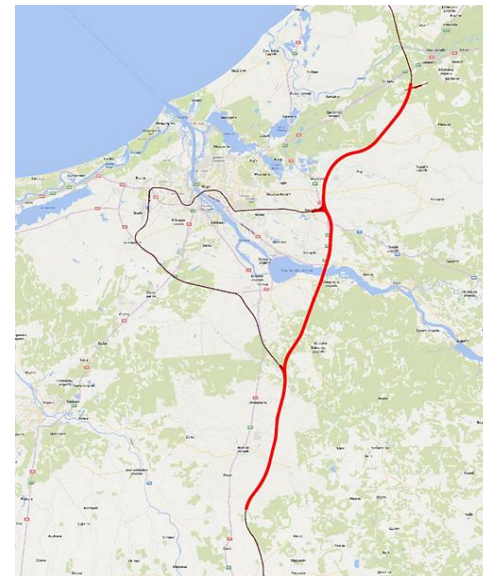
Number of culverts: 45



Number of railway
viaducts: 15



Number of main gas
pipeline crossings: 12



Design and design supervision services for the line from Ramygala to Lithuanian/Latvian border

Indicative amounts based on spatial planning design:

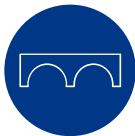
Length of the section 92 km (double track)



Number of bridges: 3



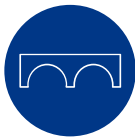
Number of eco-ducts: 4



Number of road viaducts: 14



Number of culverts: 87



Number of railway viaducts: 20

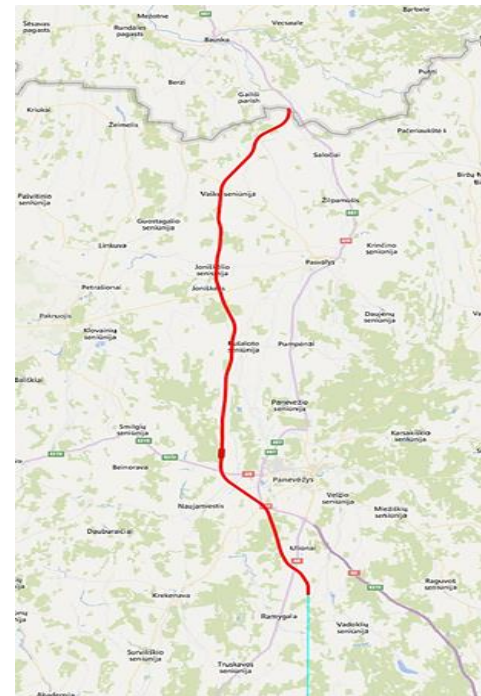


Number of crossovers: 3



Number of stations /
passing loops: 2

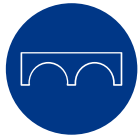
Specific objects:
Panevėžys station



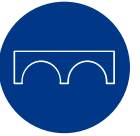
Design and design supervision services for the line from Rapla to Estonian/Latvian border

Indicative amounts based on preliminary design:

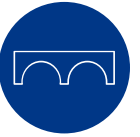
Length of the section 94 km (double track)



Number of bridges: 10 +
Large bridge over Pärnu
river and Rääma bog



Number of road
viaducts: 15



Number of railway
viaducts: 4



Number of eco-ducts: 13



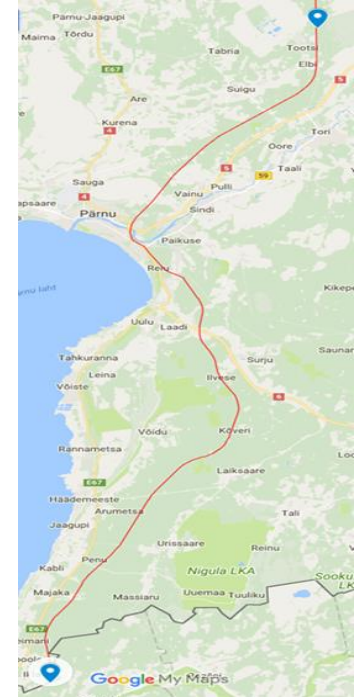
Number of culverts: 151



Number of crossovers: 3



Number of stations /
passing loops: 2

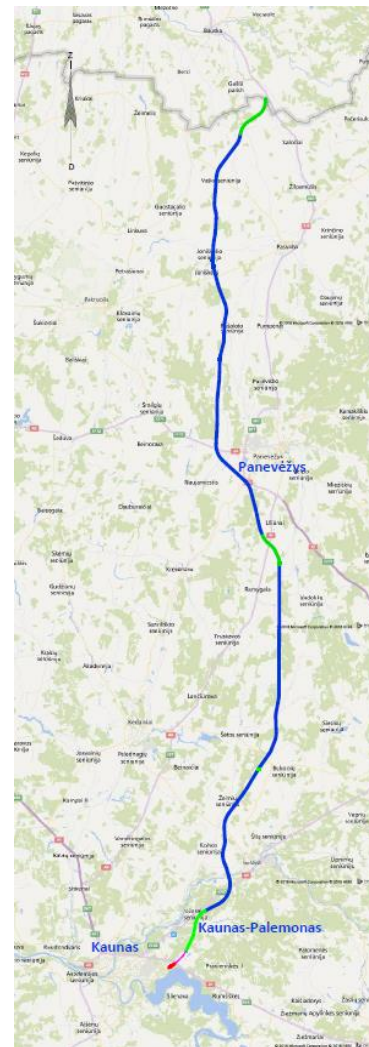
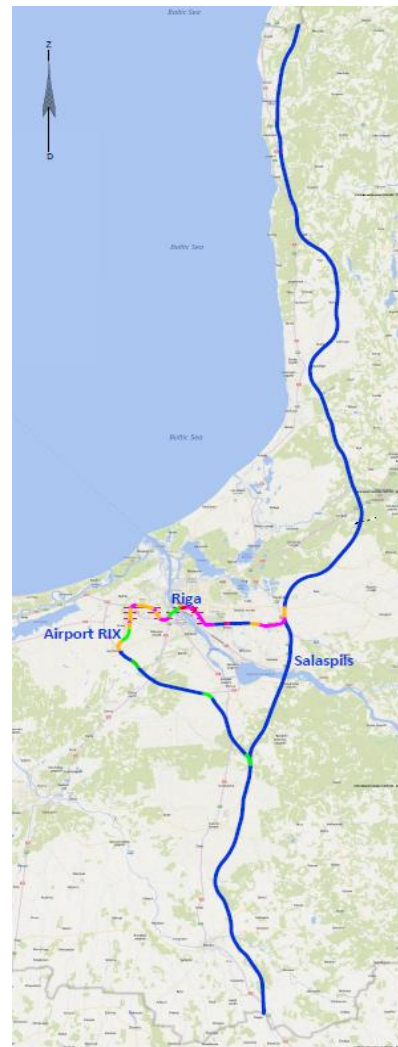
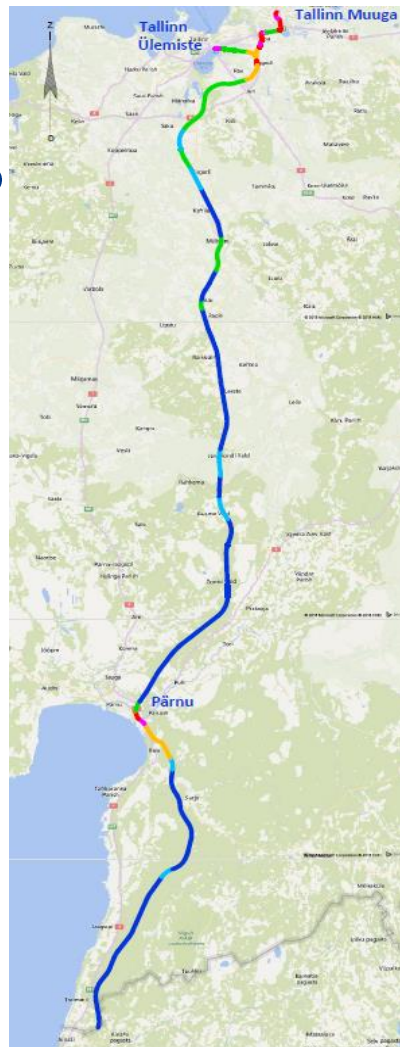


NoBo and technical assessment (expertise) tenders



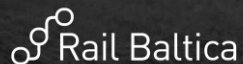
Announcement NoBo Tenders (Notified Body)	Q4 2018	Q4 2018	Q4 2018
Opening of Tenders	Q4 2018	Q4 2018	Q4 2018
Agreement signed	Q4 2018	Q4 2018	Q4 2018
Announcement technical assessment Tenders	Q1 2019	Q1 2019	Q1 2019
Opening of Tenders	Q2 2019	Q2 2019	Q2 2019
Agreement signed	Q2 2019	Q2 2019	Q2 2019

Rail Baltica design speed according to preliminary designs



Contact us

RB Rail AS is a multi-national joint venture of the Republics of Estonia, Latvia and Lithuania, which has been established to implement Rail Baltica



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