

Mobility turnaround in Yuzhno-Sakhalinsk



Problems, methods, compromises

Introduction



Master's student at TU Munich in Transportation Systems

experience:

- 🚲 Project manager in the field of Transport Planning (1 year)
- 🚲 City planner (1 year)
- 🚲 Traffic engineer (1 year)
- 🚲 Master's degree in Transportation Systems (6 years)

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Yuzhno-Sakhalinsk





BY JEAN WEI FOR  Transportation for America

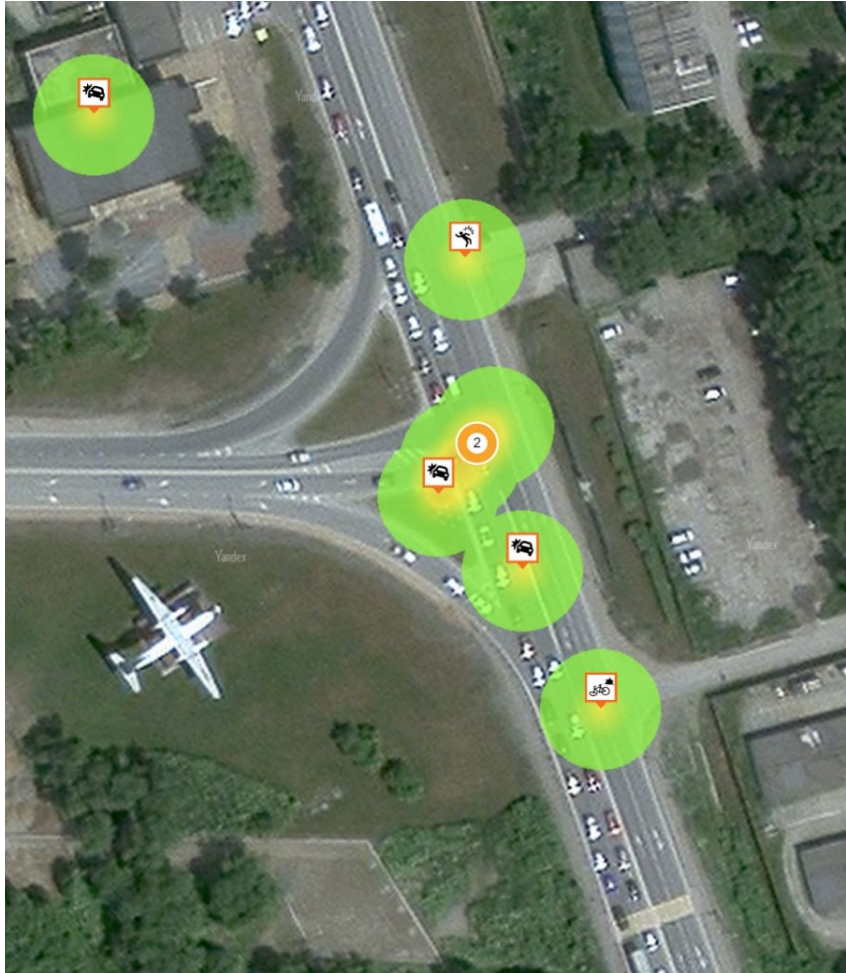
How it started



How it's going



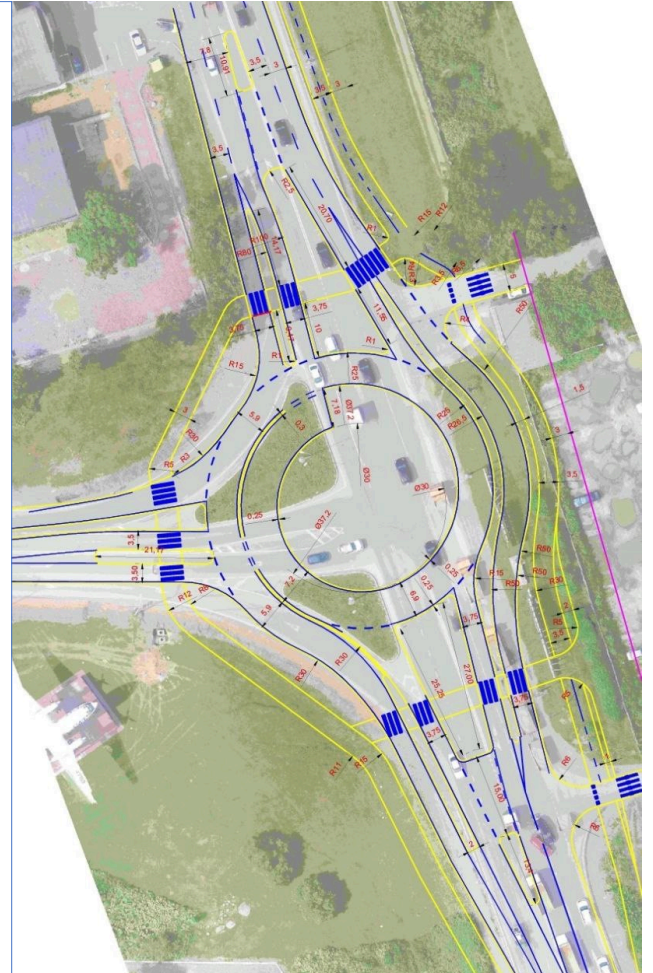
Problem



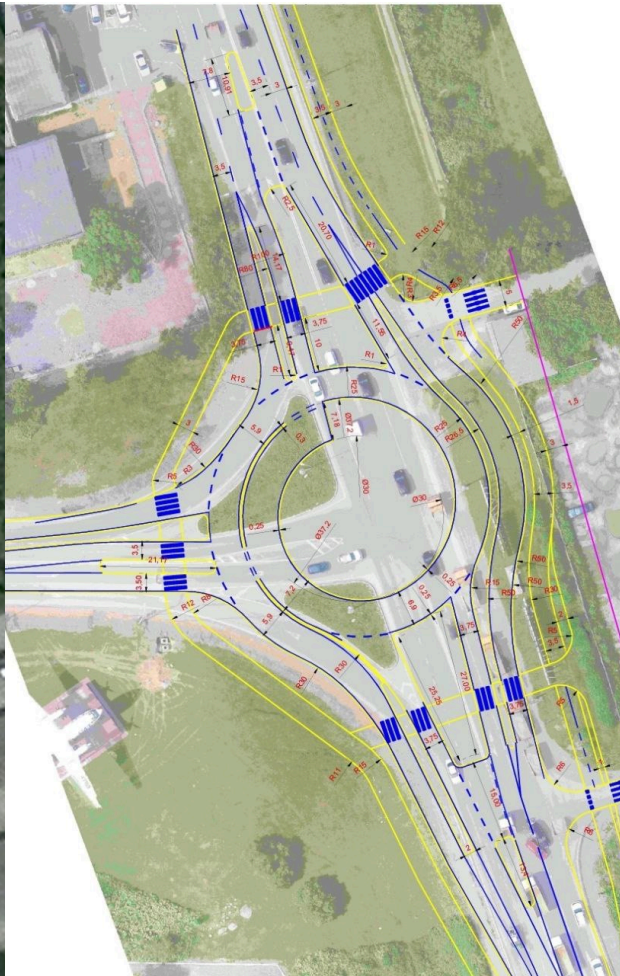
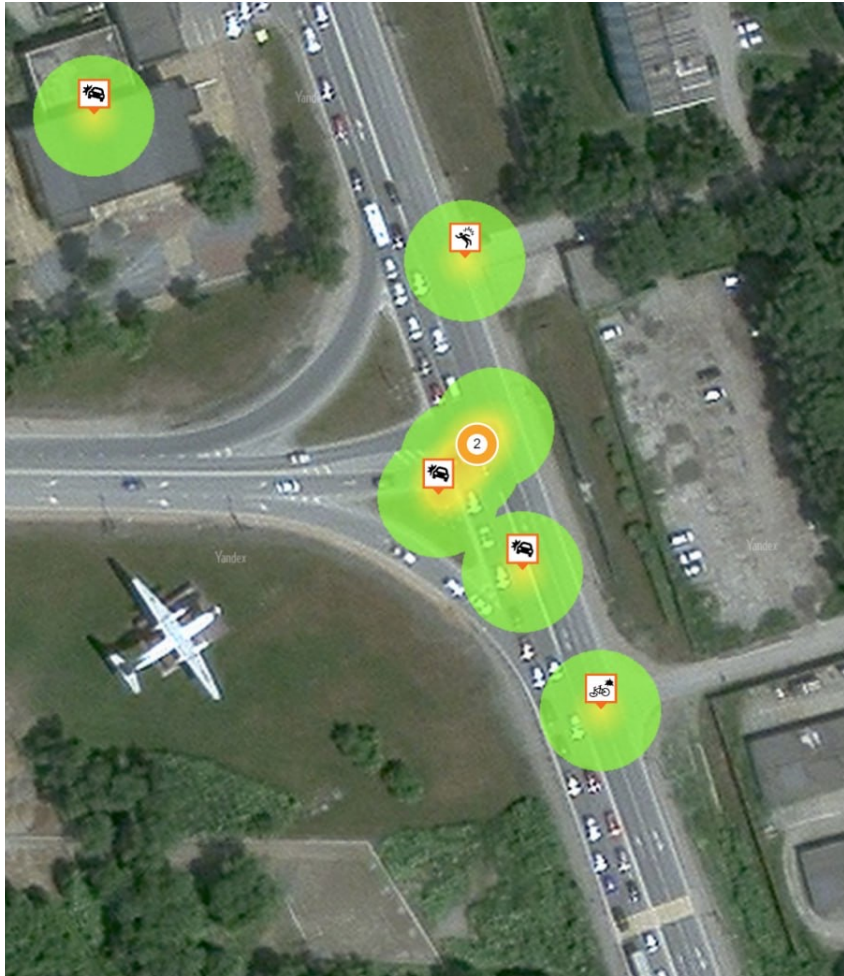
Analysis

Design

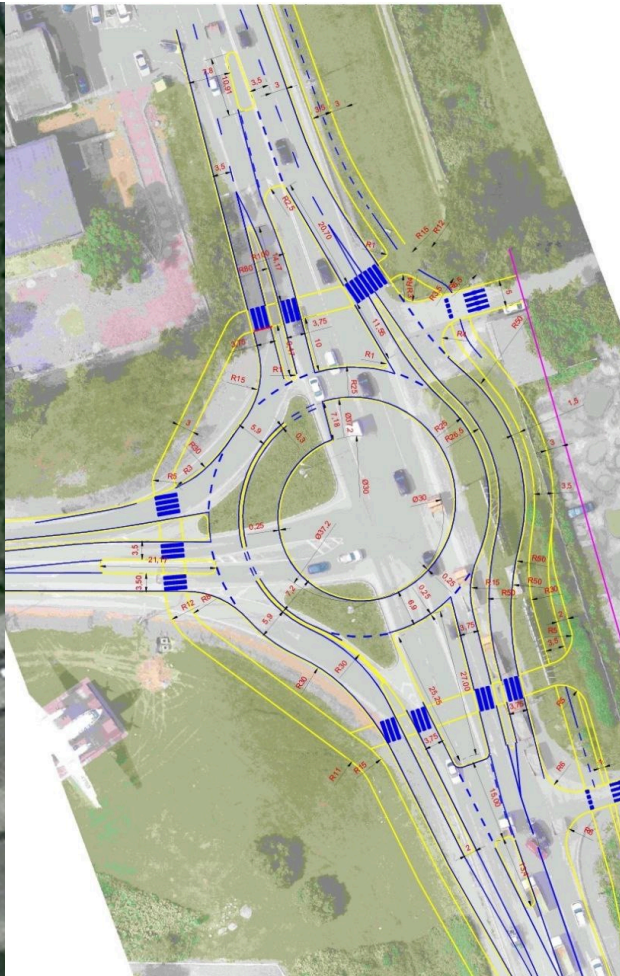
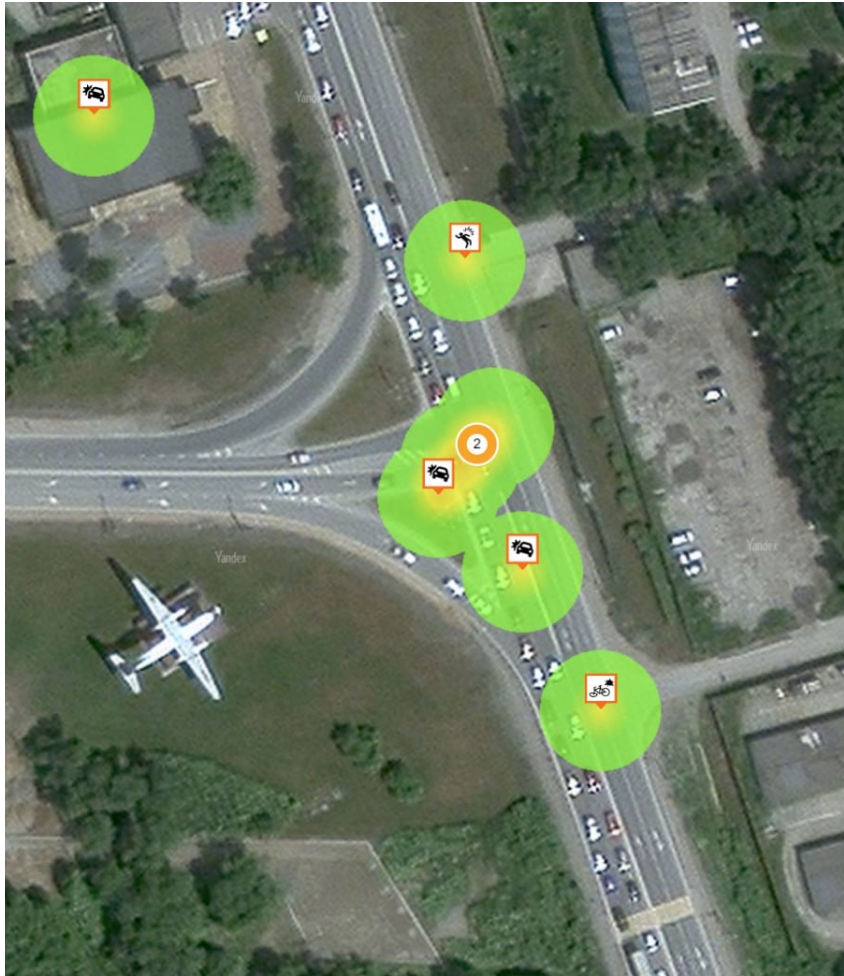
Modelling



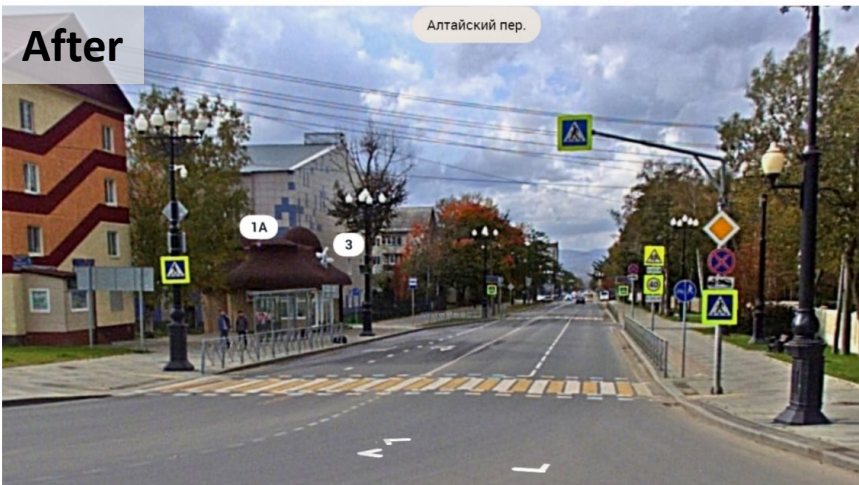
Proposal



Consequences



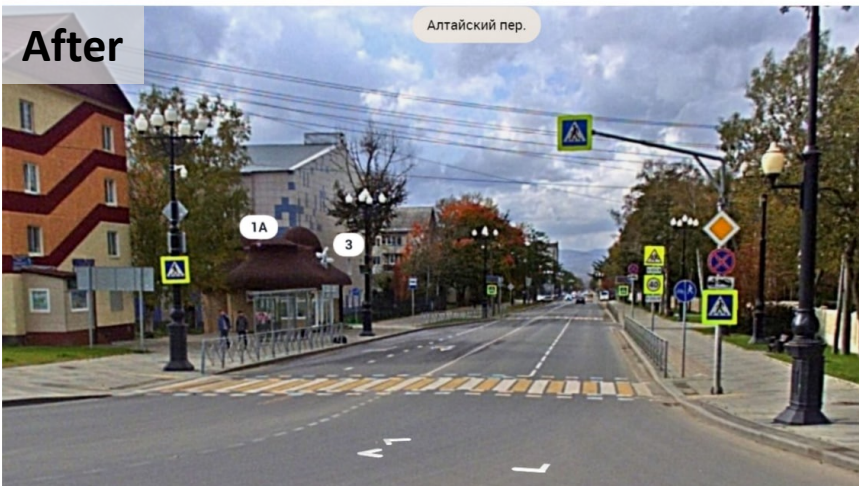
Increasing capacity...



DID IT WORK?



Increasing capacity leads to induced demand



Consequences

Increased accident rate shortly after widening the road



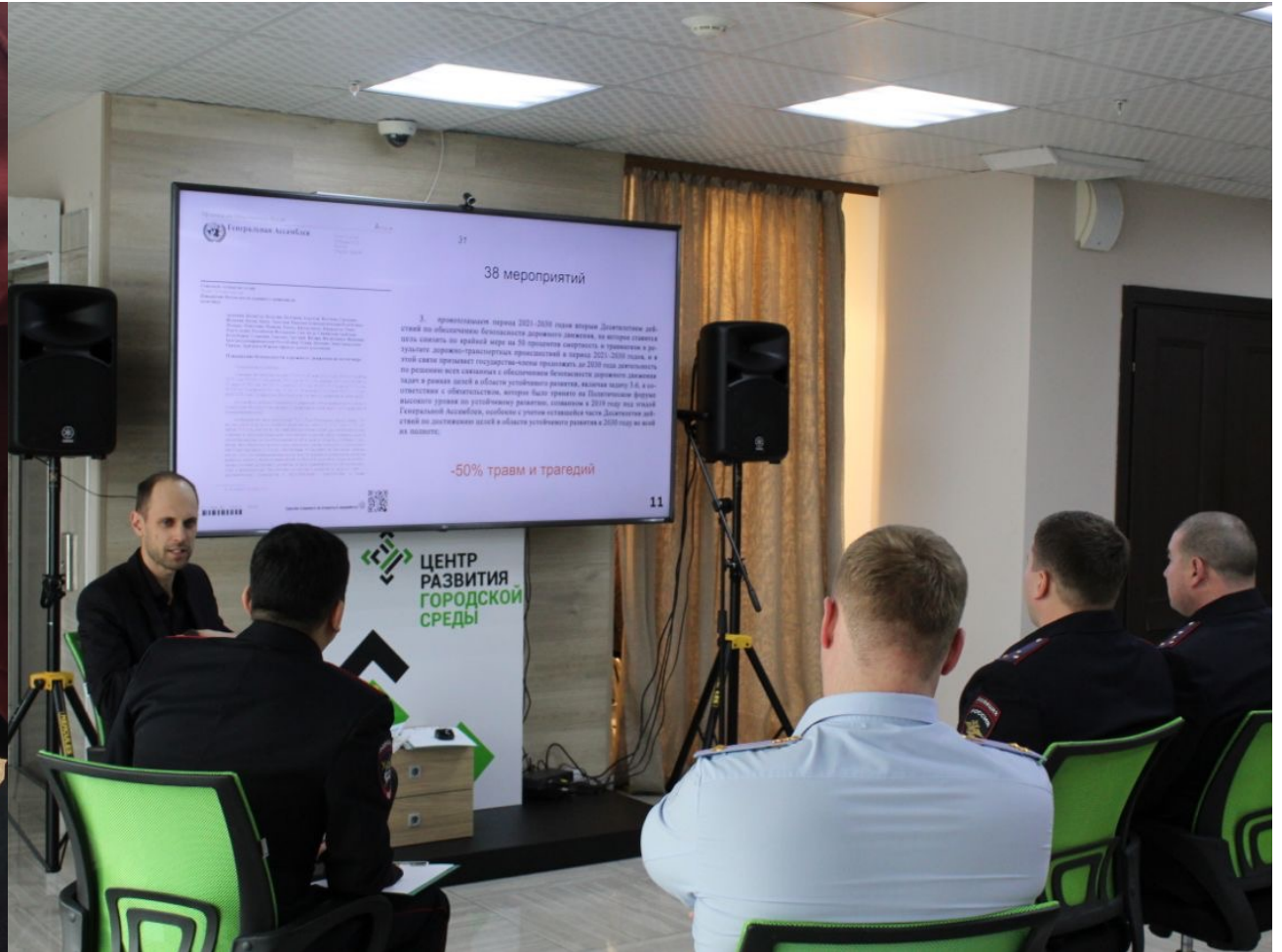
Problem



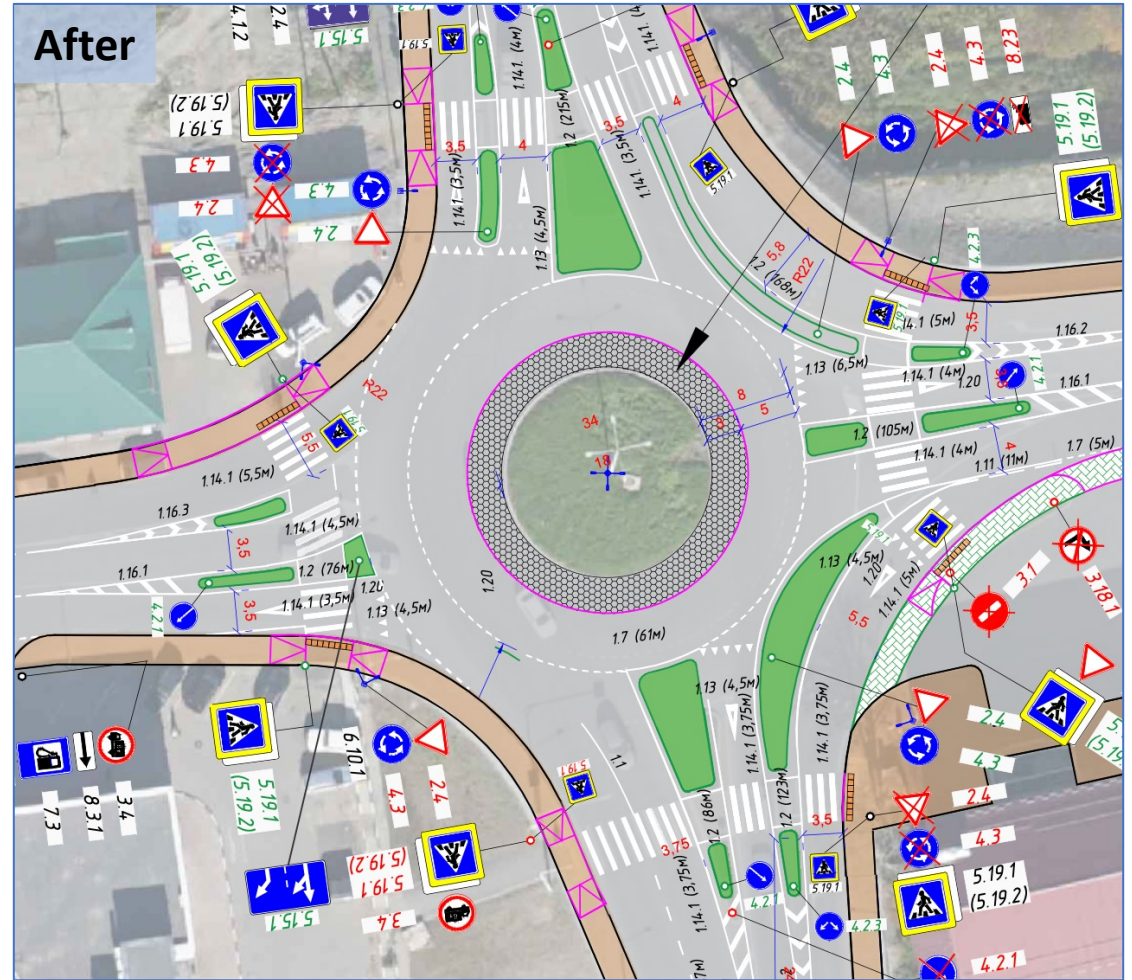
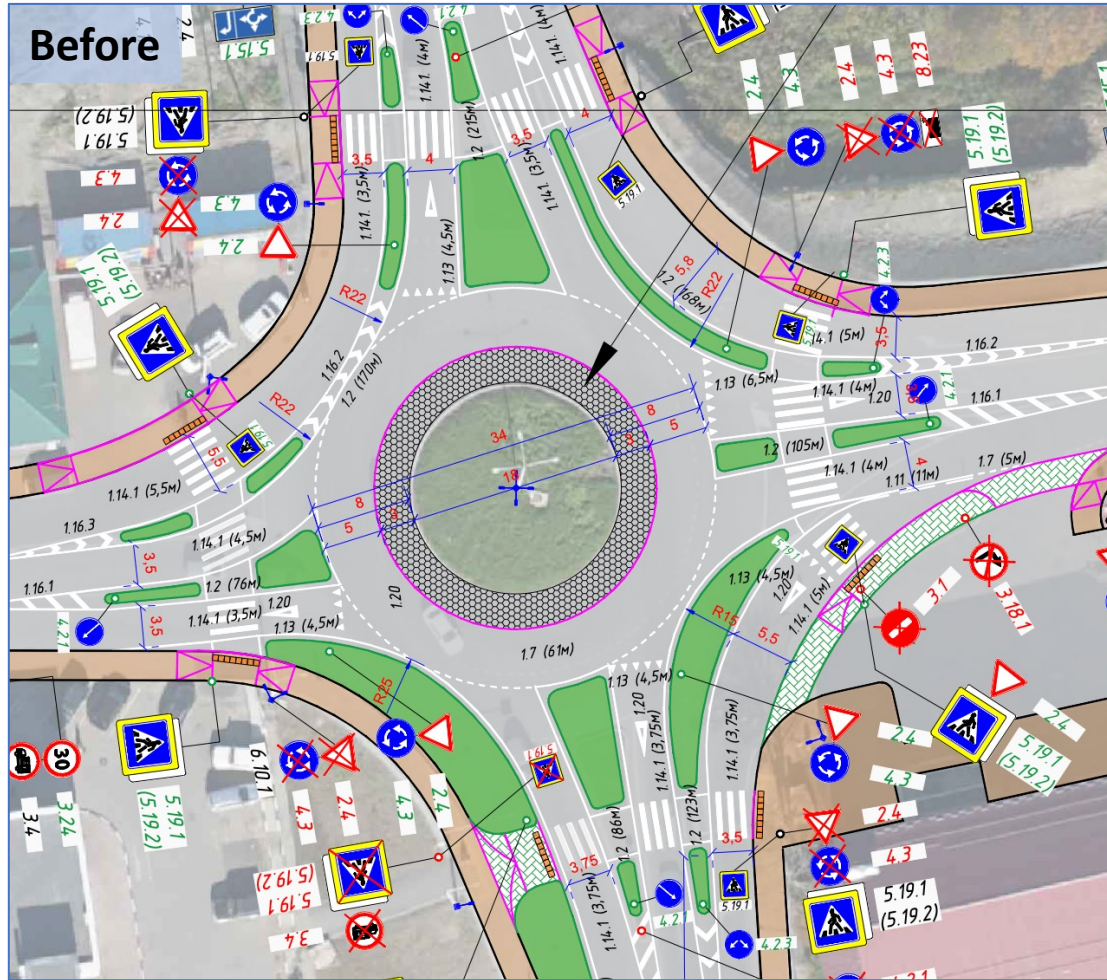
Proposal



Compromises



Before and after stakeholder involvement



Transit Signal Priority

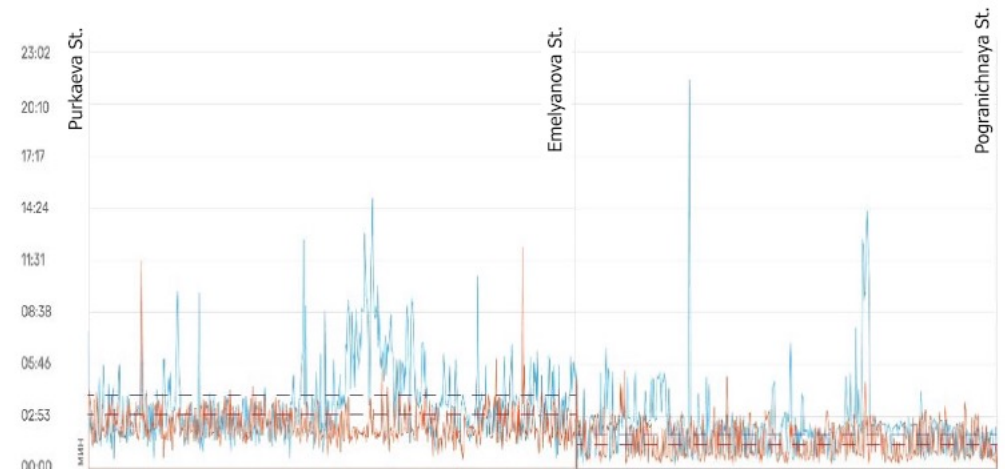


Public transport travel time

June 2020

June 2020

direction North →



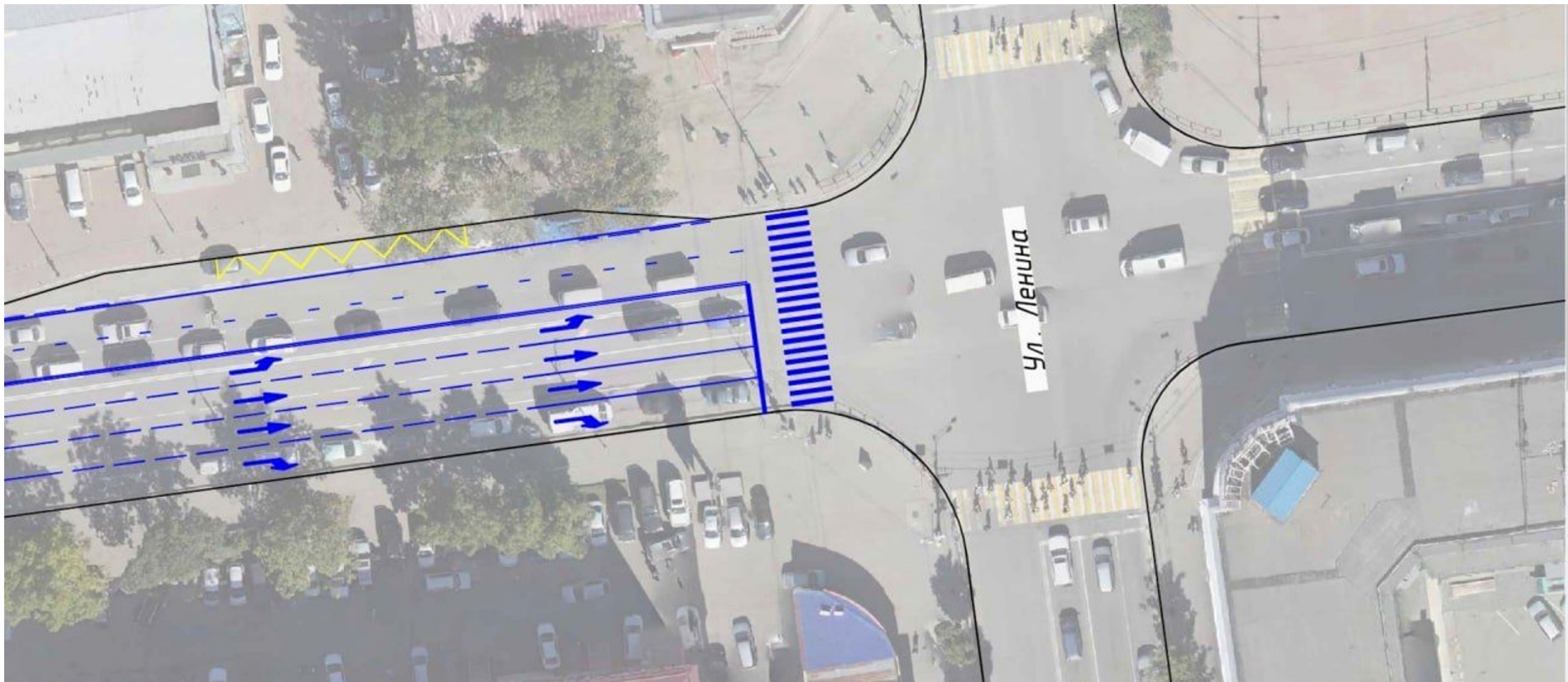
3:46 → 2:24 *

-56,94%

2:16 → 1:32

-47,83%

Self-censorship



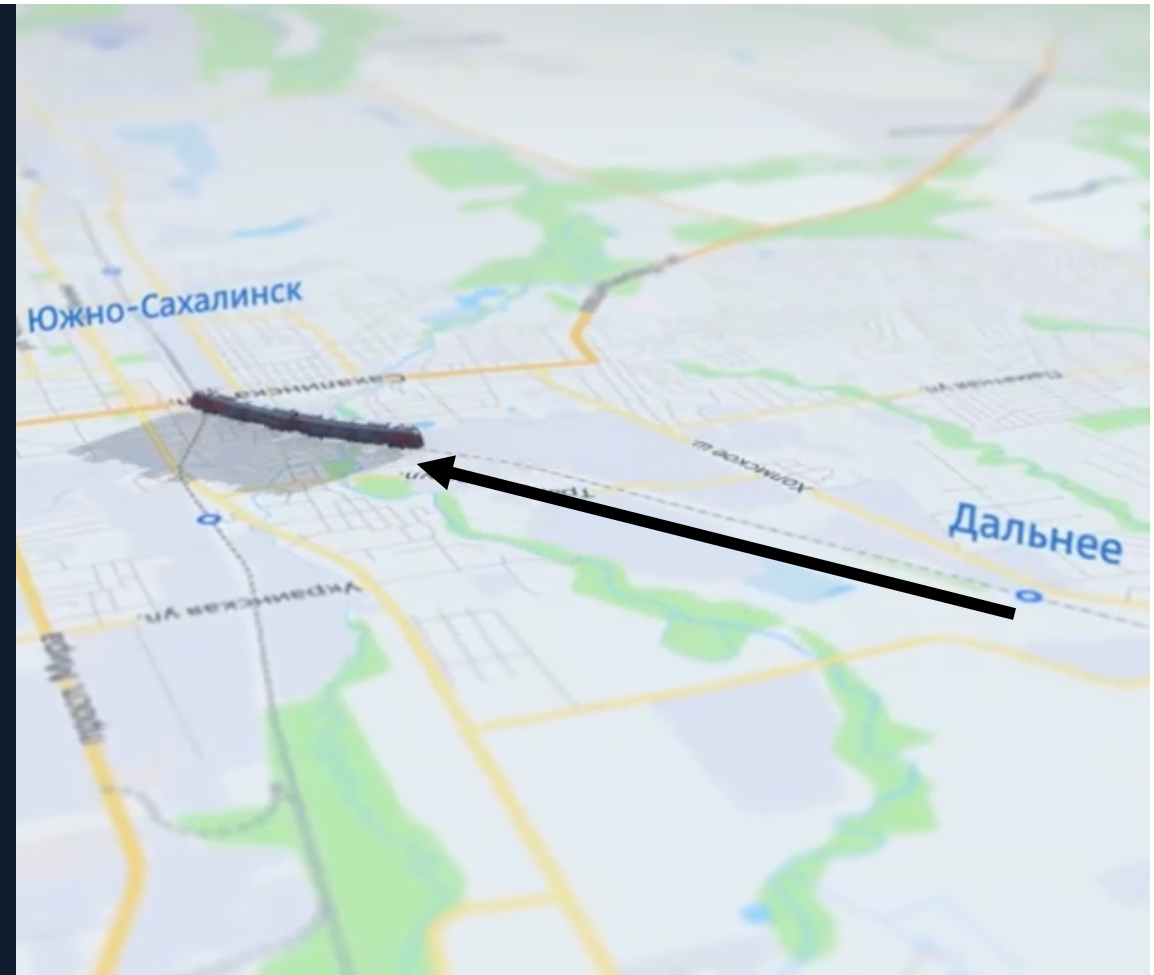
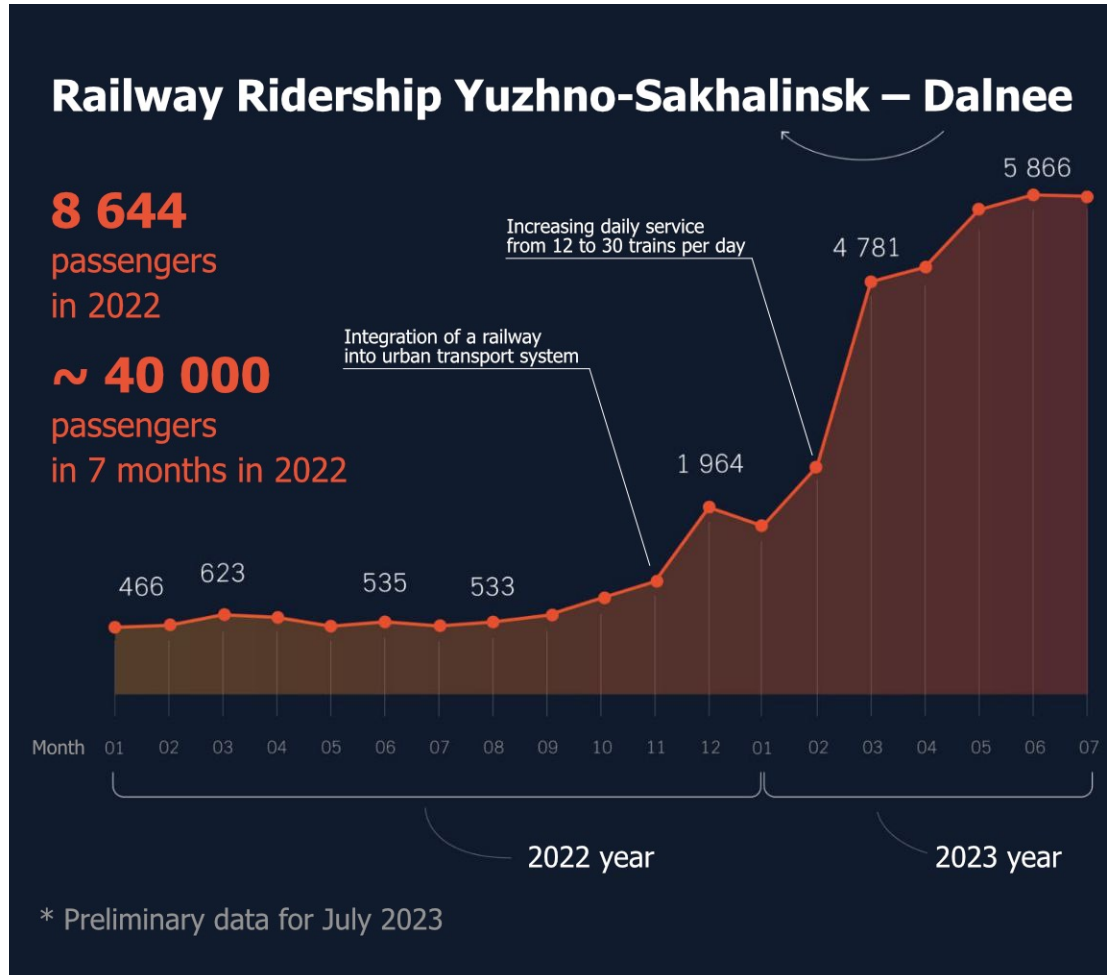
Transformation of a parking lot...



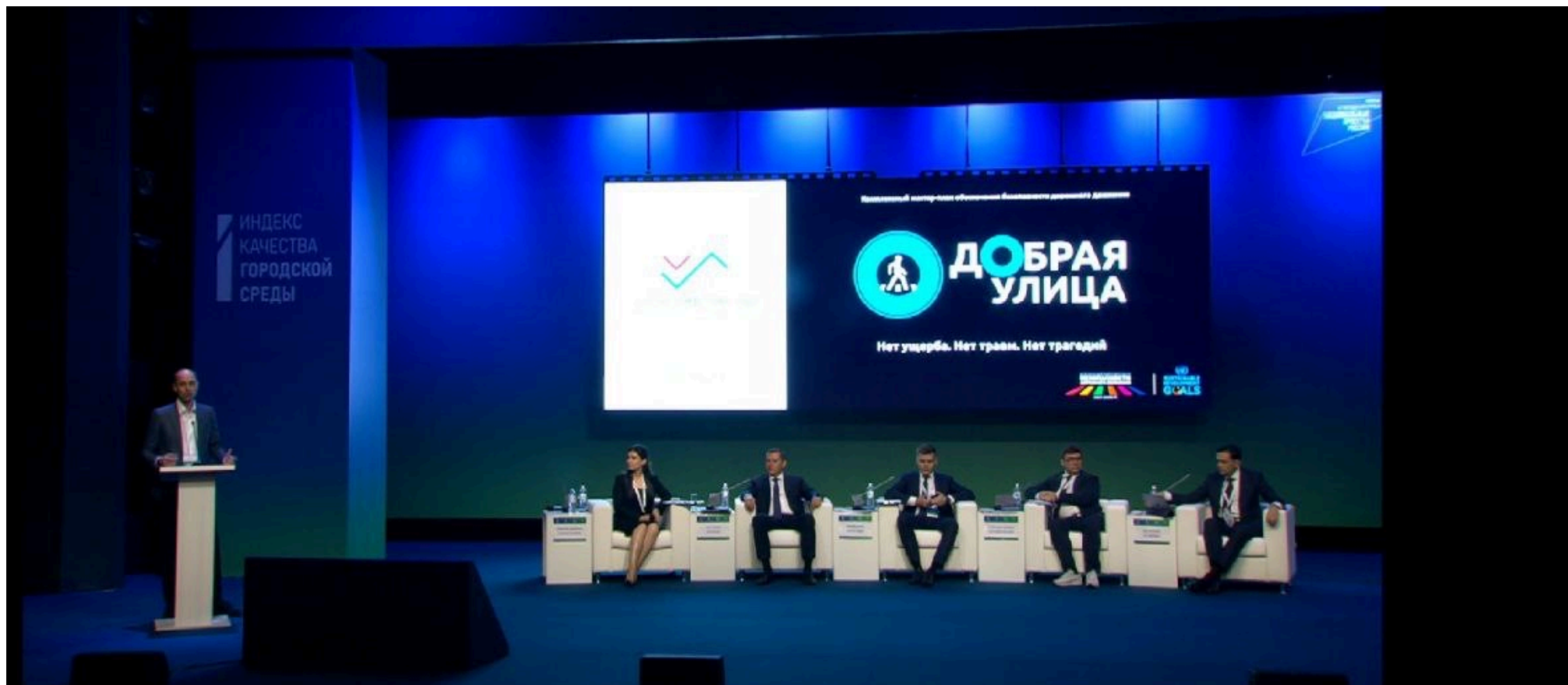
...into a Mobility HUB



Boosting railway ridership



National recognition



Contacts



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