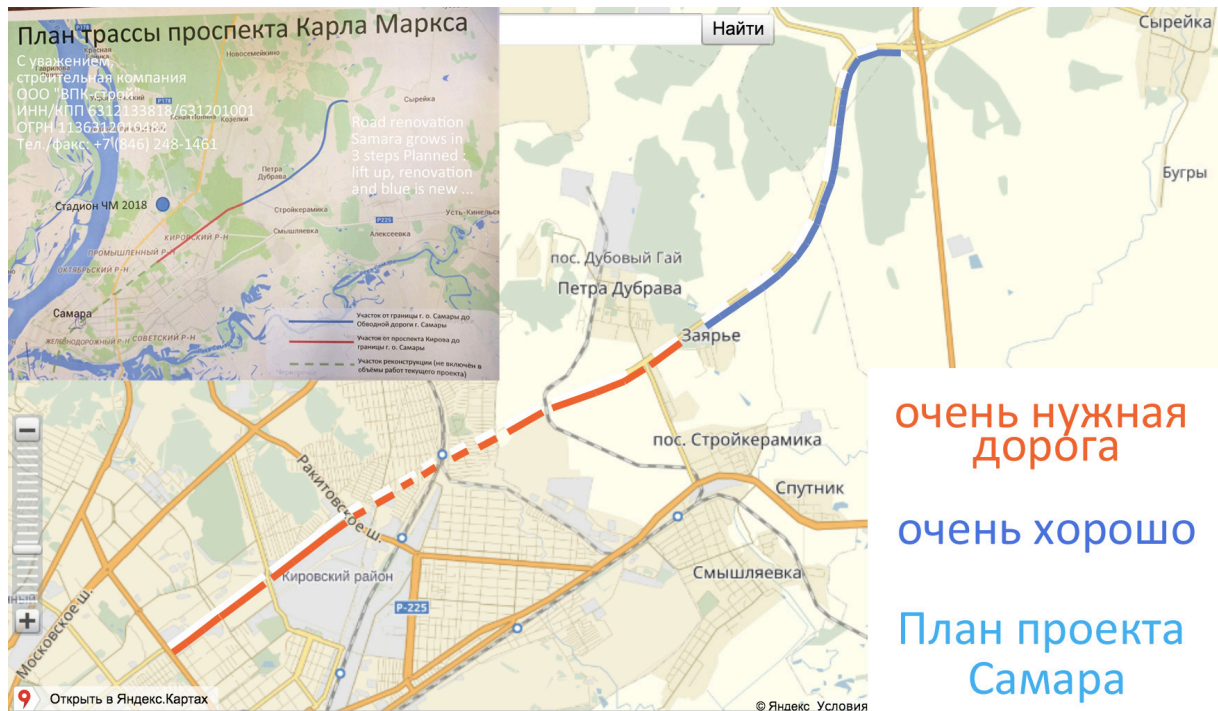
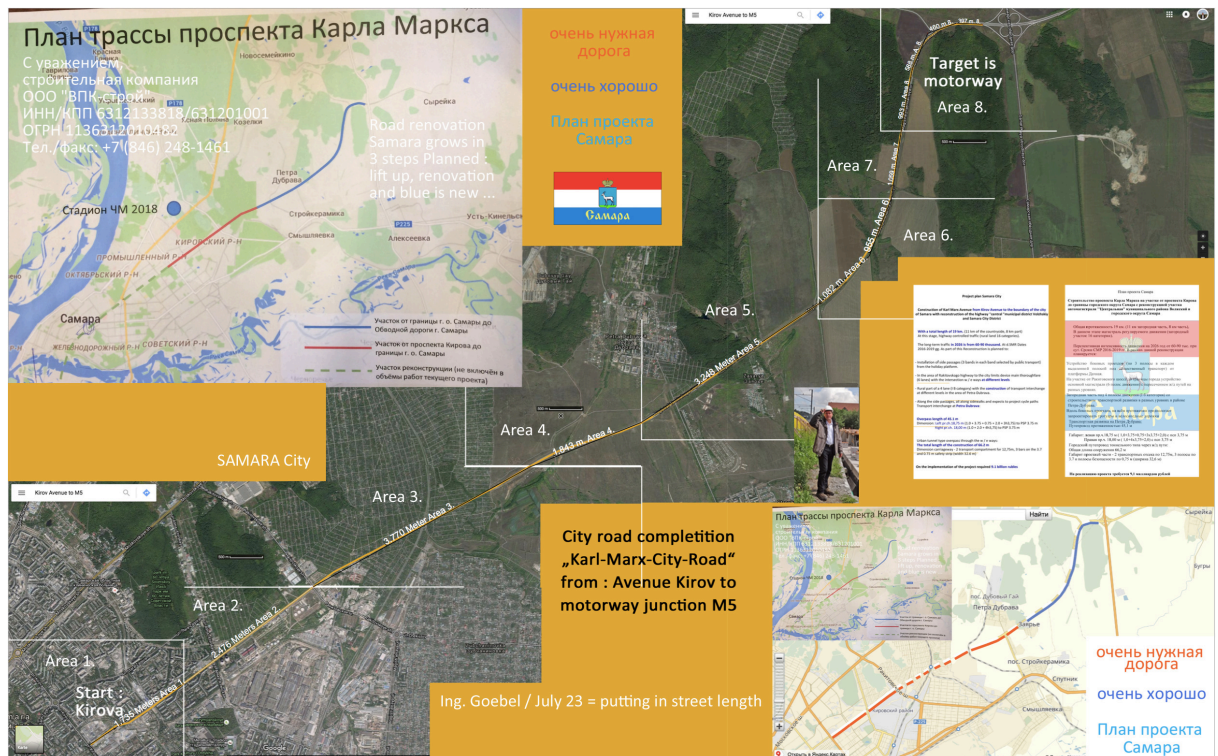


## METROPOL CITY ROAD – Street-Planning for russian automotive town SAMARA

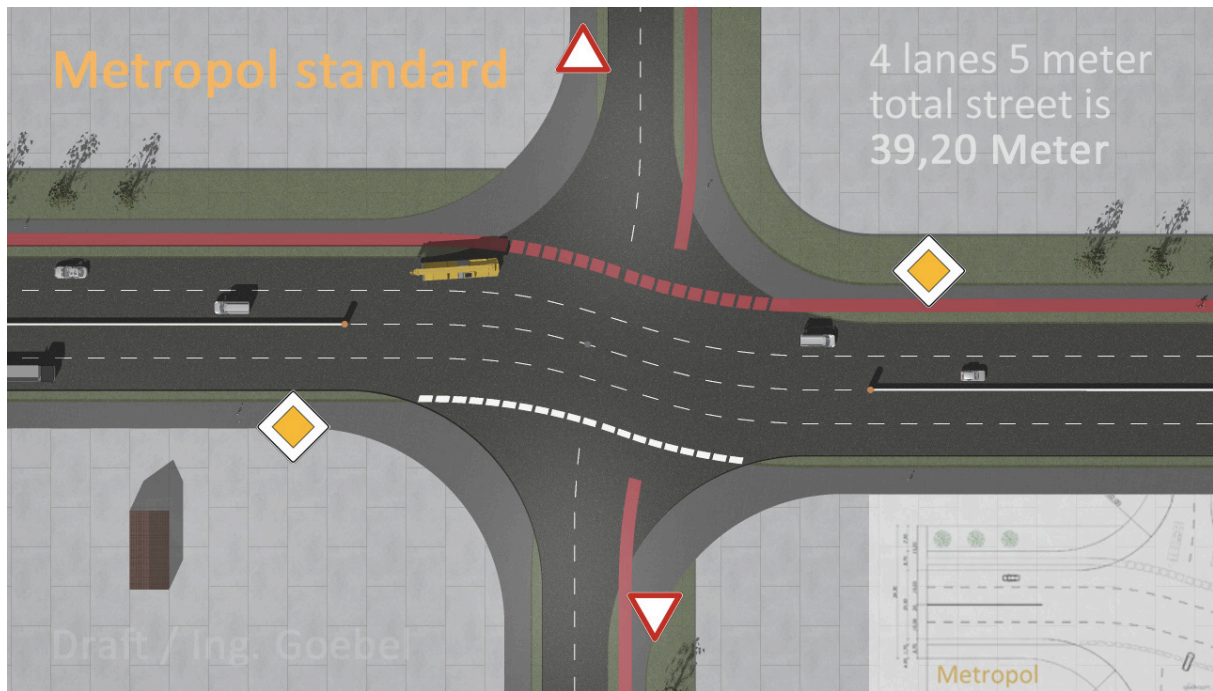


The general road track idea – provided by client – developed in Samara

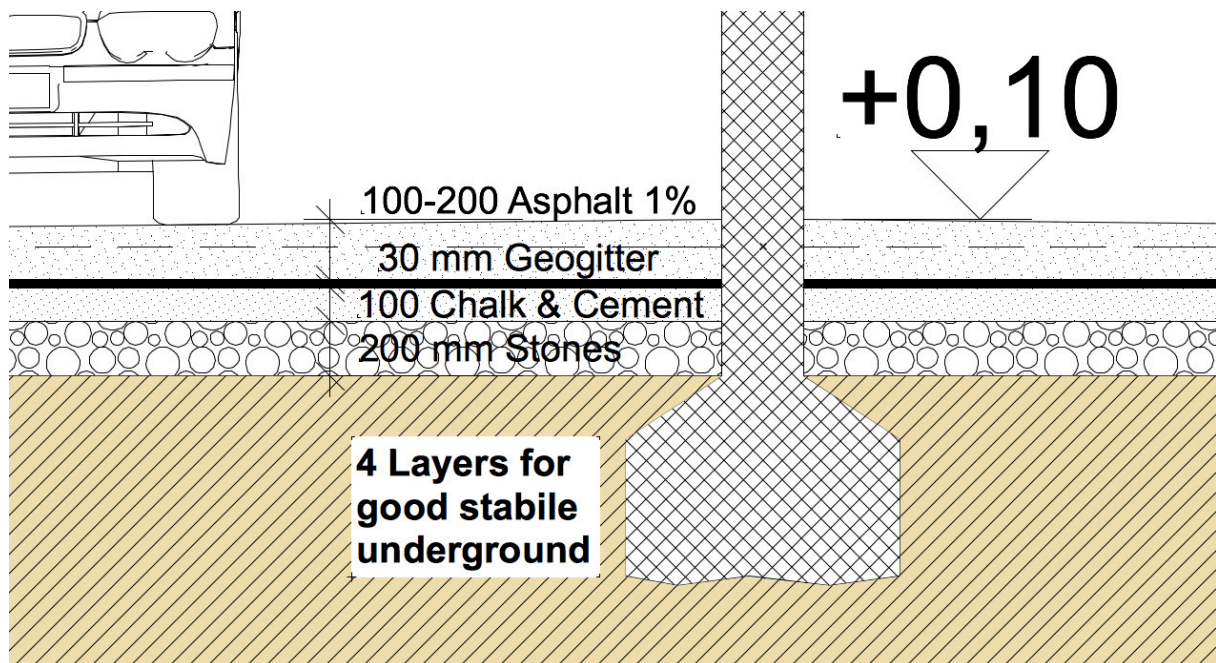


Ing. Goebel then cut it down to 8 different areas (single areas only in website)



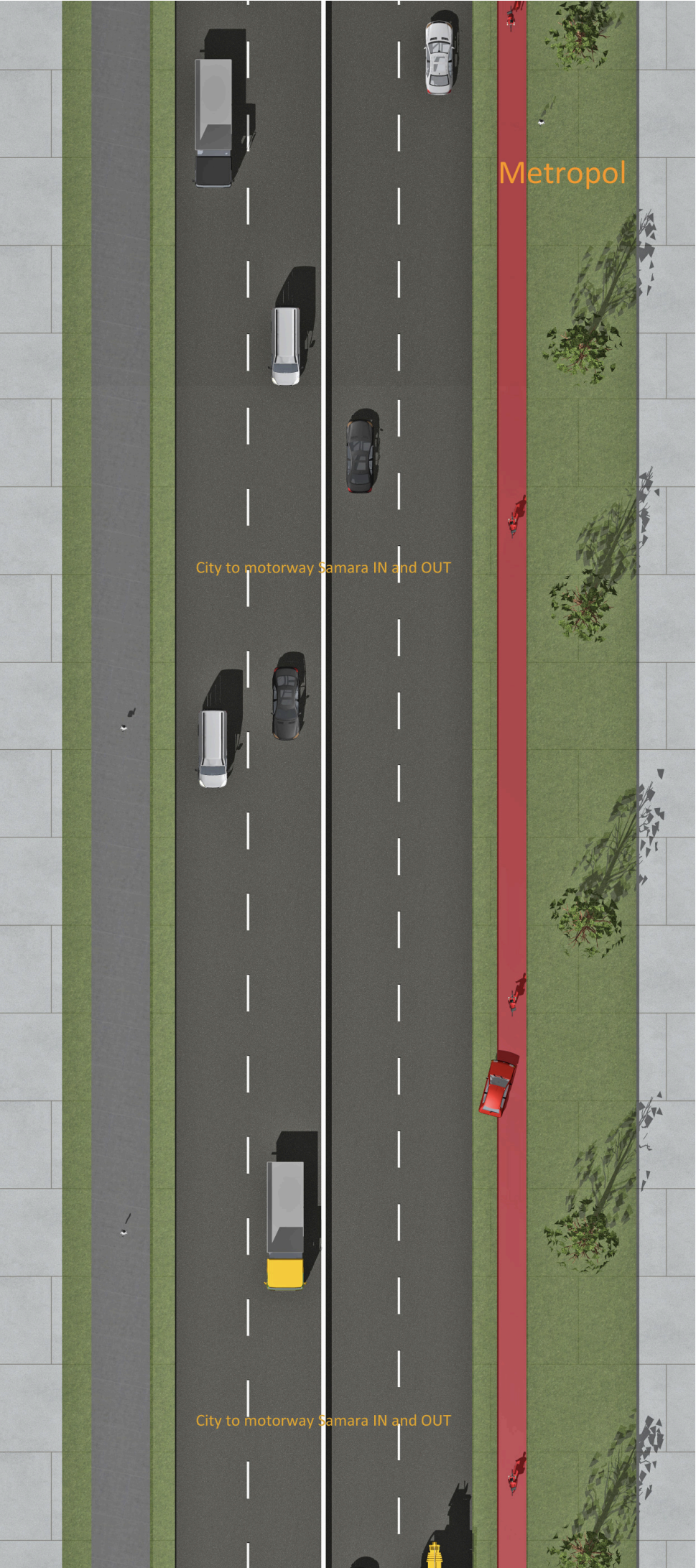


Client wanted a safe economic capacity street shape that everybody can drive



We also had to make a proposal for the horizontal engineering of the city road





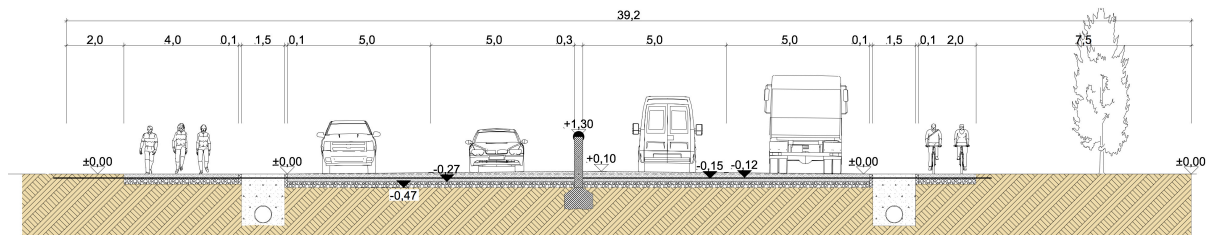
We also had to show presentation drawings to Moskau ministry and Pres. Putin



## Metropol

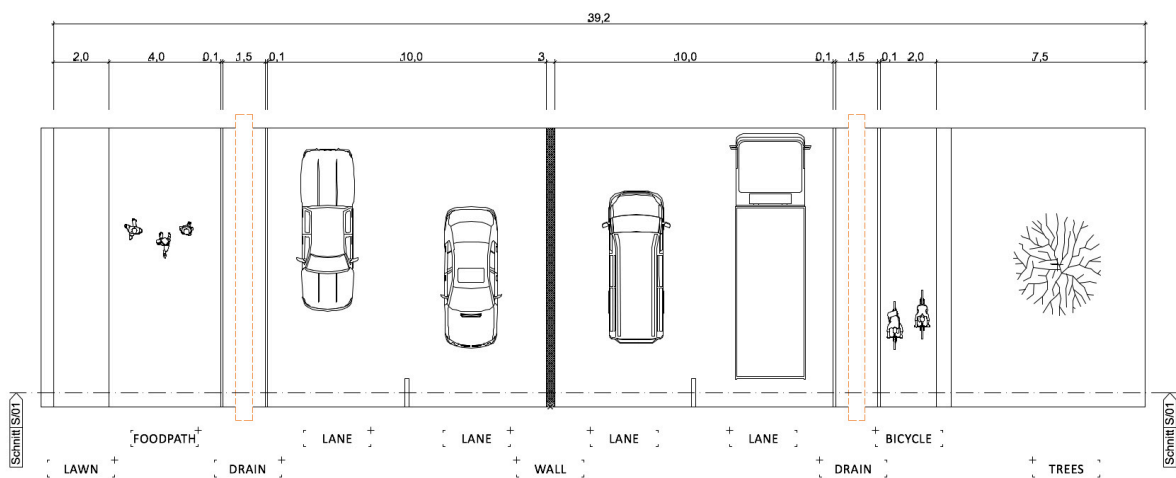
The city road has the address Karl-Marx-Ave. No. 103 to no.539 near motorway

## Metropol



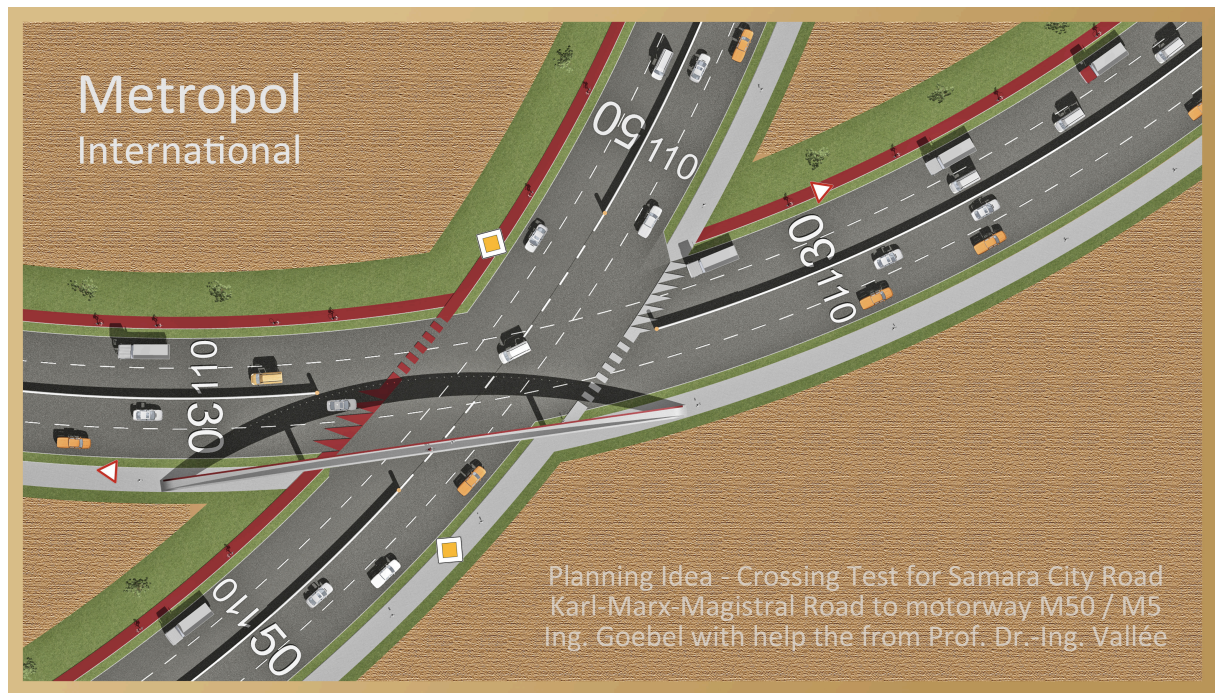
That measurement is modern, economic, safe, and suits today's traffic needs

## Metropol



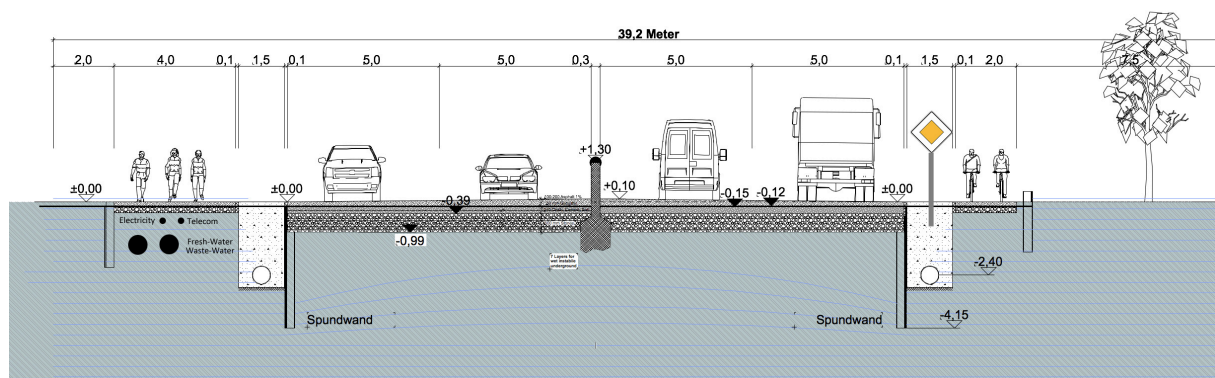
It is a 39,2 meter track beginning in a 1.3 Mio. people city – road to motorway





There is a difficult angle crossing involved in the 9 Mrd. Rubel street building

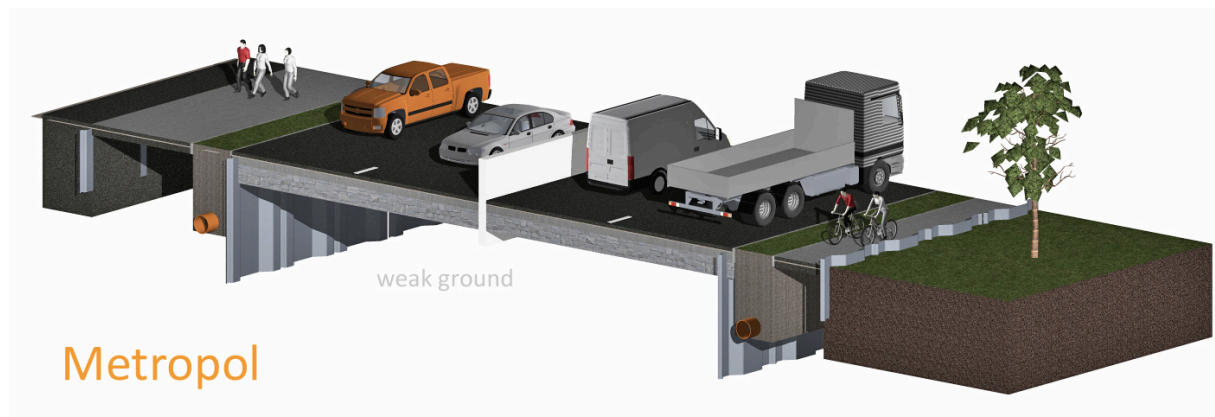
## Metropol



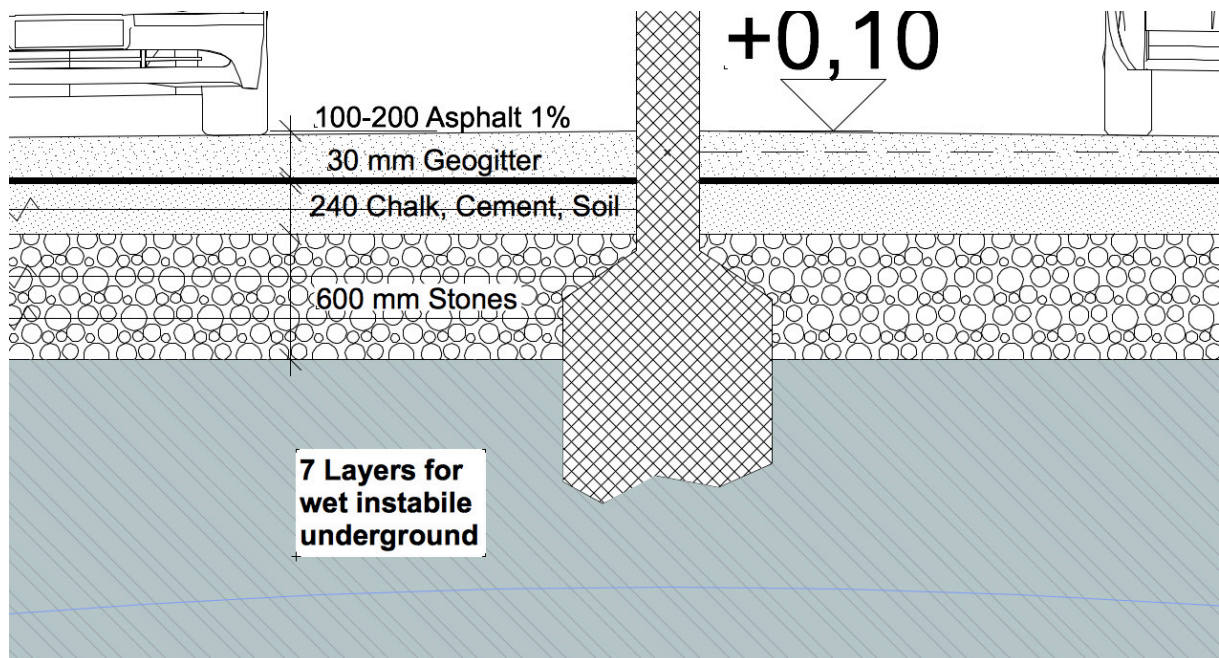
In some areas we even had to plan for wet ground – a Wolga Delta City ...

The development had help from Prof. Dr.-Ing. Dirk Vallée / RWTH Aachen





We decided to develop in ArchiCAD to be able to show archi-engineering



Engineering construction is related to a 50 year guarantee by law now ...



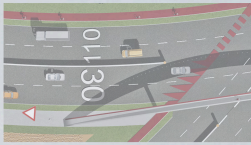
Samara-City-Road - Metropol Karl-Marx-Street to M50, M5 - russian speed limit 110 km/h

Ing. Goebel - with help from  
Prof. Dr.-Ing. Vallée / RWTH

Metropol



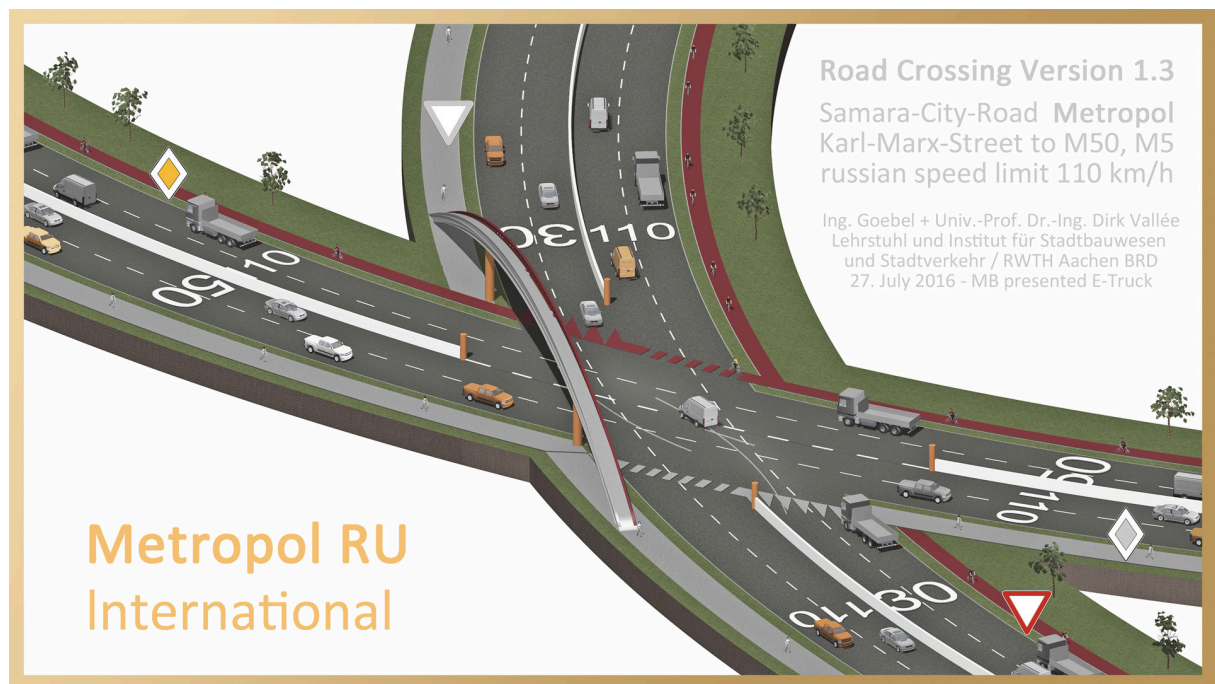
Metropol International



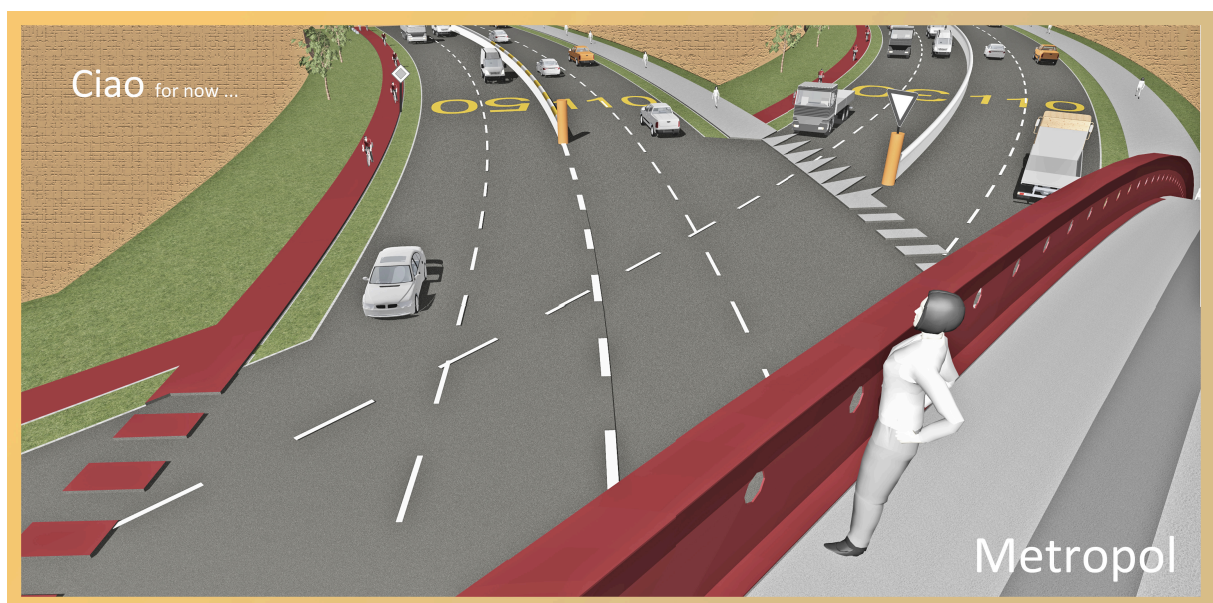
Planning Idea - Crossing Test for Samara City Road  
Karl-Marx-Magistral Road to motorway M50 / M5  
Ing. Goebel with help the from Prof. Dr.-Ing. Vallée

Ministry also wanted preview picture from a drivers view – we provided that





This picture was provided to russian media too – we are in version 1.3 now



SAMARA WAITS FOR THE MINISTRY DECISION – MOSKAU PAYS 50 % TOO



Copy Paste connections to the development pages on the world wide web

<http://www.ing-goebel.de/hot-in-place-asphalt-repaving/>

<http://www.ing-goebel.de/samara-city-road-development/>

<http://www.ing-goebel.de/%D0%BA-%D0%BC%D0%B0%D1%80%D0%BA%D1%81%D0%B0-%D0%B3%D0%BE%D1%80%D0%BE%D0%B4-%D0%B4%D0%BE%D1%80%D0%BE%D0%B3%D0%B0-%D1%81%D0%B0%D0%BC%D0%B0%D1%80%D0%B0/>

Thank you very much for your attention – inquiries for street planning to :



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