

INSTITUTE TOLLWAY



TOLLWAY CENTRAL INSTITUTE FOR RESEARCH AND ENGINEERING:

MODERN SOLUTIONS FOR TRANSPORT INFRASTRUCTURE

TOLLWAY INSTITUTE

TOLLWAY CENTRAL INSTITUTE FOR RESEARCH AND ENGINEERING (hereinafter referred to as the 'Tollway Institute') is a part of Tollway Group.

The Institute specializes in scientific and research as well as planning and surveying activities in the field of the transport infrastructure.

Membership in professional associations

The Tollway Institute has a permit to design works influencing safety of capital construction objects.



Self-Regulatory Organization 'Urban Planning and Design Association'



Self-Regulatory Organization 'IACO 'Oboronstroi Association' – Interregional Association of Construction Organizations
Self-Regulatory Organization 'Oboronstroi Association'



'Association of Surveyors 'GeoIndustry''

Main activity directions



Pre-design work

Selection of the object location

- Analysis of the current transport, road and social and economical situation in the planned object fixation area
- Estimation of the planned object placement zone: need for land lots, analysis of the existing engineering communications
- Engineering surveys

Development of the project concept and its feasibility study (FS)

- Transport models development
 - Traffic forecasts
 - Determination of optimal tariffs
 - Forecast of income from fares collection
- Development of user charge system (UCS) concepts:
 - Determination of necessary equipment, its configurations and placement
- Estimation of objects configurations
- Estimation of capital and operation expenditures
- FS development



Design work

- Development of the planning project and the area demarcation project
- Preparation of design, cost estimate and work documentation
- Author's supervision
- Technical supervision



Research work

The Institute carries out research activities in the following directions:

- Development of the methodology for estimation of investment projects attractiveness
- Traffic modeling and forecast
- Study of national and foreign experience of paid transport infrastructure development
- Development of the methodology for transport relations analysis in cities and industrial agglomerations

Projects

The Institute is the general design contractor and advisory engineer for the projects of Tollway Group.

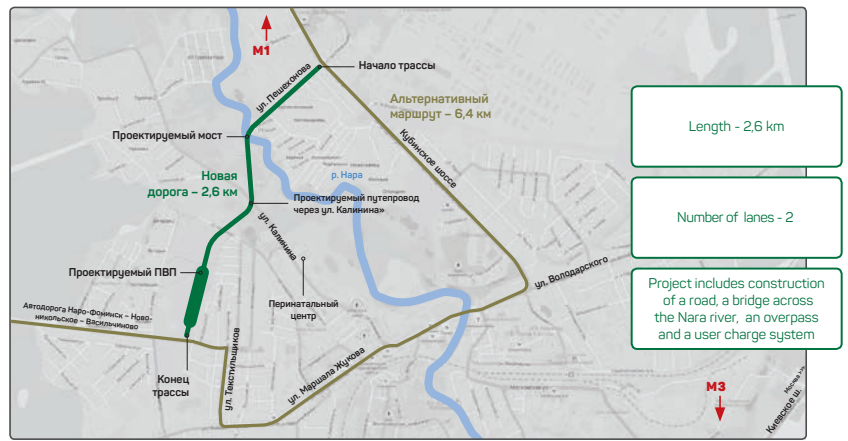
Object: Road with a bridge across the Nara river and an overpass in Naro-Fominsk (Moscow region, Naro-Fominskiy urban district)

Works performed by the Institute:

- Pre-design work
- Complex transport study
- Area Planning Design
- Project design works
- Designer supervision

Customer:

Naro-Fominsk Tollway Ltd



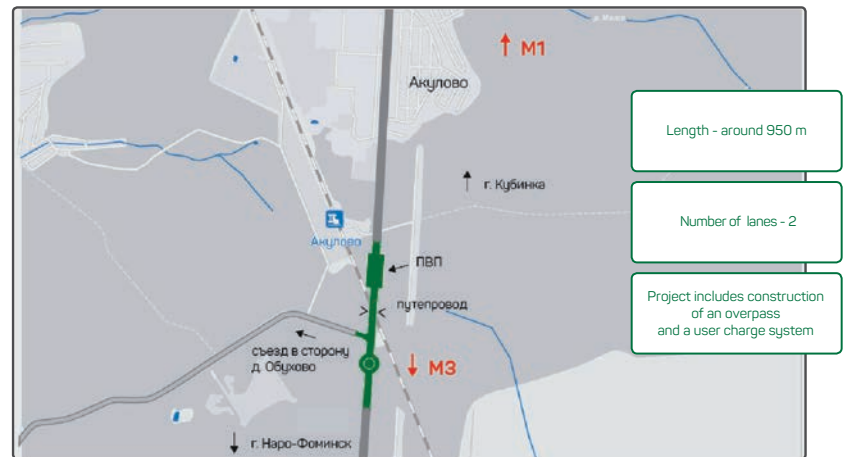
Object: Overpass over a level crossing at Akulovo settlement (Naro-Fominsk urban district, Moscow Region)

Works performed by the Institute:

- Pre-design work
- Complex transport study
- Area Planning Design
- Project design works
- Designer supervision

Customer:

Podmoskovnaya Tollway Ltd



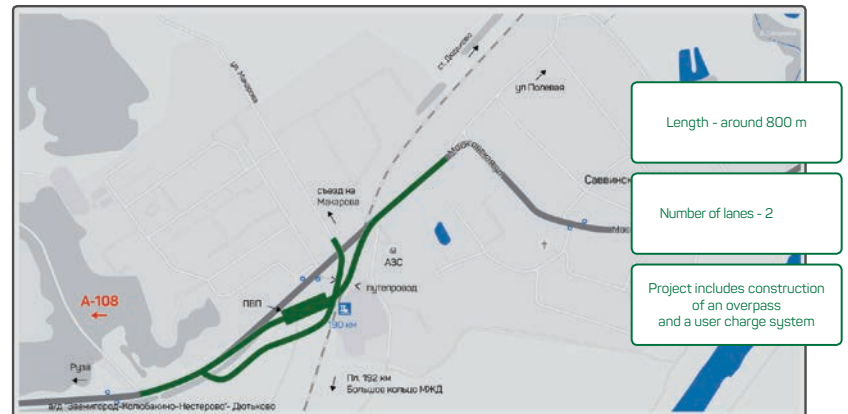
Object: Overpass over a level crossing at Savvinskaya Sloboda (Odintsovskiy District, Moscow Region)

Works performed by the Institute:

- Pre-design work
- Complex transport study
- Area Planning Design
- Project design works
- Designer supervision

Customer:

Podmoskovnaya Tollway Ltd



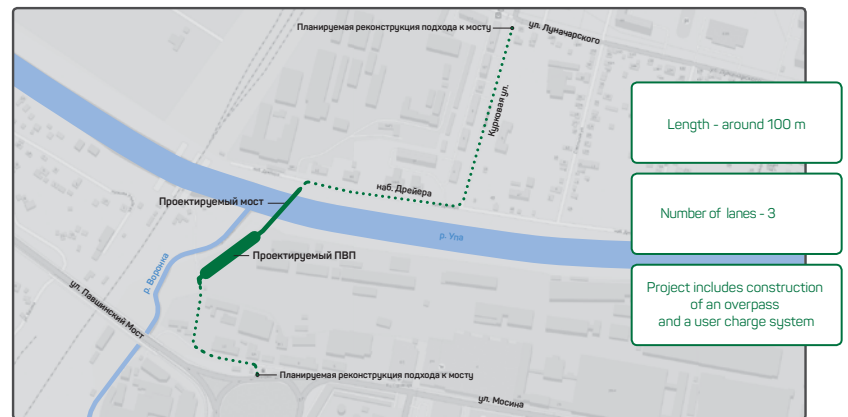
Object: Road-transport bridge over the Upa River in Tula (Tula Region)

Works performed by the Institute:

- Pre-design work
- Complex transport study
- Area Planning Design

Customer:

Tulskaya Tollway Ltd



Objects: Overpasses over a level crossing in Moscow Region:

- at the Novosidorikha settlement (Shaturskiy District),
- near Zheltikovo platform (Sergievo-Posadskiy District)
- at Malino settlement (Stupinskiy Municipal District)

Overpasses over a level crossing in St Petersburg, Moscow and Leningrad Regions

Works performed by the Institute:

- Pre-design work
- Complex transport study
- Area Planning Design
- Project design works

Works performed by the Institute:

- Object concepts
- Complex transport studies
- Pre-project works

ABOUT THE GROUP

Tollway Group is a group of companies that works for the development of the transport infrastructure and the improvement of the transport industry in the cities and regions of Russia, based on the principles of Public-Private Partnership (PPP)

The key target of the Group is the social and economic development of the country through increasing the mobility and the quality of life of its population.

Tollway Group includes specialized companies that altogether perform the operational activities of the Group



TOLLWAY

The Head Company of Tollway Group selects investment projects and provides general management for the selected ones. The organization controls and coordinates the work of the whole Group.



**INSTITUTE
TOLLWAY**

Tollway Central Institute for Research and Engineering (Tollway Institute) (hereinafter referred to as the "Institute") specializes in scientific and research as well as planning and surveying activities in the field of the transport infrastructure.



**MANAGEMENT
COMPANY
TOLLWAY**

Tollway Management Company manages business activities of the Group.

Regional companies are directly in charge of the implementation of the Group's projects, being the Customer for the construction projects and may provide an services for the management of the created facilities.

EXPERIENCE OF COOPERATION WITH GOVERNMENT AUTHORITIES



Moscow Region Government

- MINISTRY OF INVESTMENT AND INNOVATION
- MINISTRY OF TRANSPORT AND ROAD INDUSTRY
- MAIN ADMINISTRATION OF ARCHITECTURE AND URBAN PLANNING



Naro-Fominsk Urban District Administration of Moscow Region

- URBAN PLANNING COMMITTEE
- HOUSING AND COMMUNAL SERVICES AND ROAD ACTIVITY COMMITTEE



St Petersburg Government

- INVESTMENT COMMITTEE
- URBAN PLANNING AND ARCHITECTURE COMMITTEE
- TRANSPORT INFRASTRUCTURE DEVELOPMENT COMMITTEE



Tula Region Government

- MINISTRY OF ECONOMIC DEVELOPMENT
- MINISTRY OF TRANSPORT AND ROAD INDUSTRY
- MINISTRY OF PROPERTY AND LAND RELATIONS



Tula City Government

- ECONOMIC DEVELOPMENT ADMINISTRATION
- TRANSPORT AND ROAD INDUSTRY ADMINISTRATION
- ADMINISTRATION OF ARCHITECTURE AND URBAN PLANNING



Leningrad Region Government

- ECONOMIC DEVELOPMENT AND INVESTMENT ACTIVITY COMMITTEE
- ROAD ACTIVITY COMMITTEE

AWARDS



Investment Project in Naro-Fominsk (Road with a bridge across the Nara river and an overpass in Naro-Fominsk) won in the "Entrepreneur of the year, Moscow region – 2017" nomination at the "Territory for life" award according to Business Dialog Media publishing and communications group.



Investment Project in Naro-Fominsk (Road with a bridge across the Nara river and an overpass in Naro-Fominsk) won in the "Private Offer" nomination at the national award in the sphere of infrastructure ROSINFRA-2016".



Investment Projects in Akulovo and Savvinskaya Sloboda won in the "Private Offer" nomination at the national award in the sphere of infrastructure "ROSINFRA-2017"

Contact information

Headquarters: Russia, 125167, Moscow, Leningradsky prospect, 39, building 80 (tower B), "SkyLight" Business Center, 19th floor

Tel.: +7 (495) 252 00 71

Fax: +7 (495) 252 00 72

institute@tollway.ru

www.tollway.ru

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