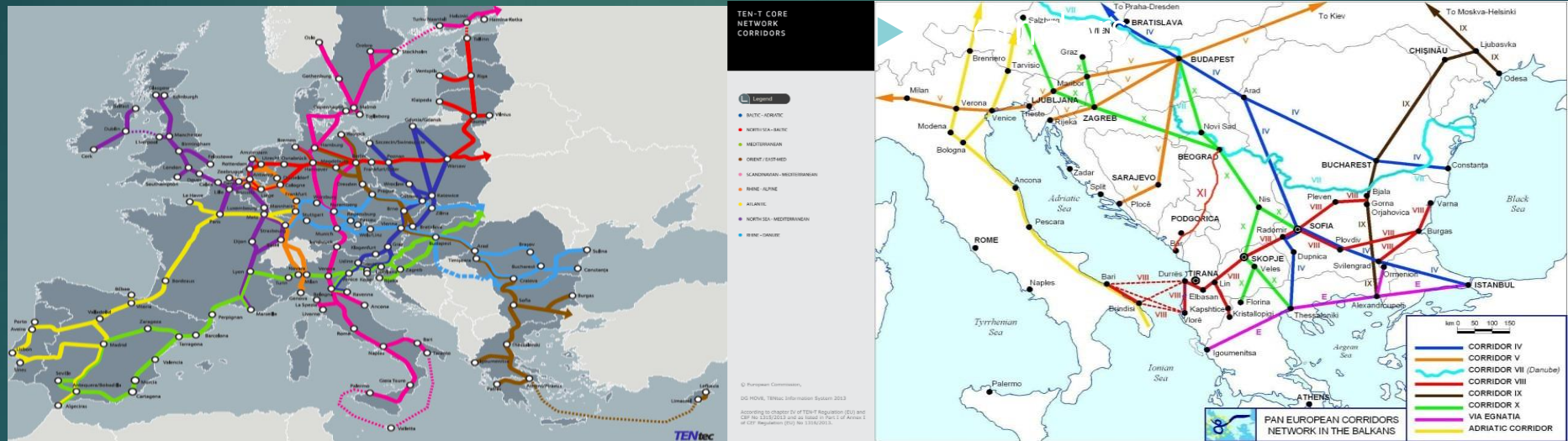




REPUBLIC OF SERBIA
MINISTRY OF CONSTRUCTION,
TRANSPORT AND INFRASTRUCTURE



Important connections corridors in the Balkans



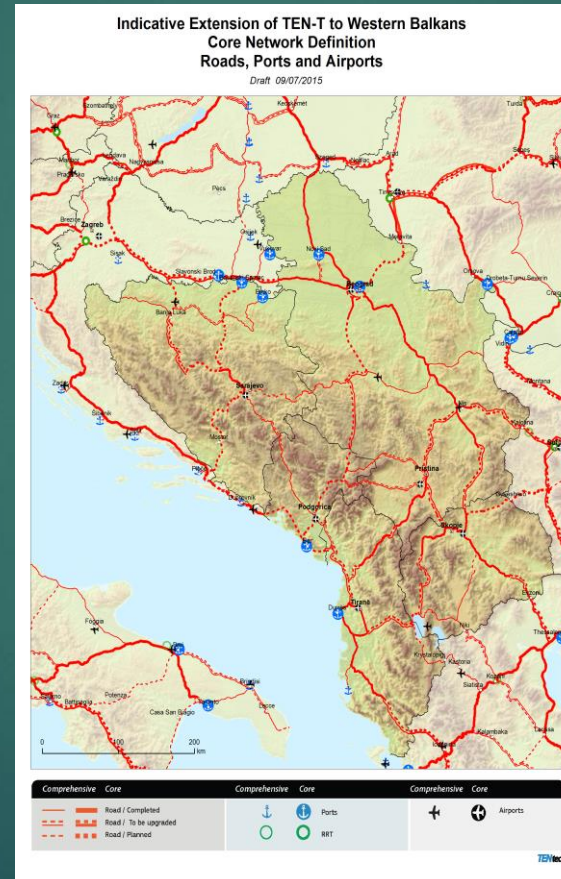
- The construction of the Corridor X will come from the general acceleration of transit traffic, will advance the level of services, facilitate the international trade flows and the transport of passengers, will also have a positive impact on the commercial and trade activities in the region and will contribute to regional development and cohesion of the wider area of the Balkans and Europe.



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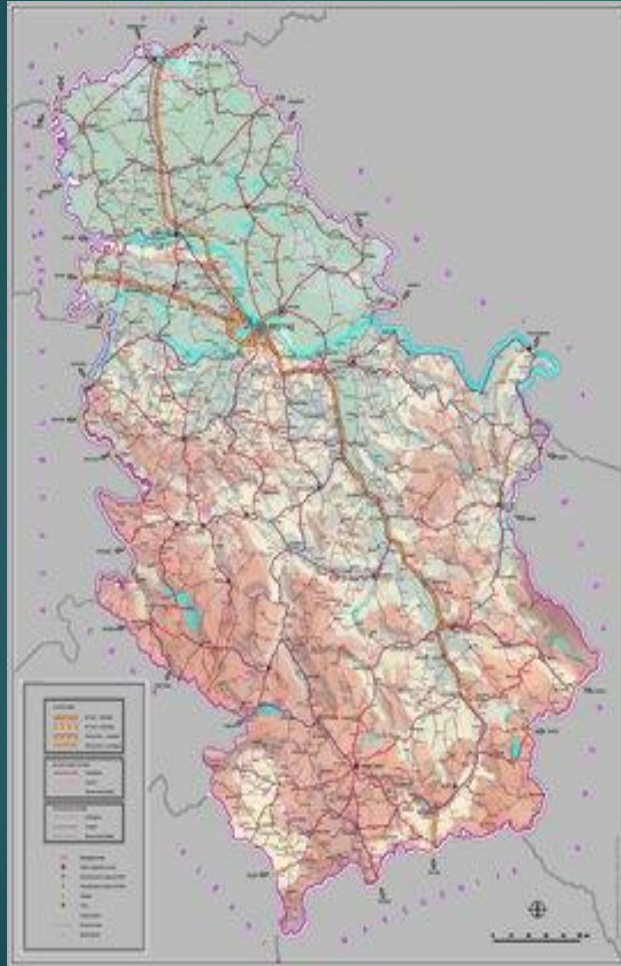
Serbian road Corridors



Transport visions

- ▶ Increasing traffic efficiency and improving traffic safety
 - ▶ Enabling sustainable development
 - ▶ Enabling Serbia to utilize its geographical location and further its development as transit country.
 - ▶ Reconstruction of roads and improvement of infrastructure.
-
- ▶ Roads are at the same time an integrating factor for the national and regional area and a disintegrating factor for the local area, meaning local community.

STATE ROAD NETWORK IN SERBIA



- ▶ Public Enterprise "Roads of Serbia" was established under the Law on Public Road ("Official Gazette" no.101/05, 123/07, 101/11 and 93/12) and Decision of the Government of Serbia to establish PE "Roads of Serbia"
- ▶ Road Infrastructure of the Republic of Serbia is the road network of 40,845 km long
Republic of Serbia has the network of state roads of I and II category of value estimated at **EUR 4,2 billion**.
- ▶ State roads I A category (highways): 669,113 km
- ▶ State roads I B category: 4,109,049 km
- ▶ State roads II A category: 7,057,463 km
- ▶ State roads II B category: 3,182,885 km
- ▶ Total state roads: 15,018,510 km

BRIDGES AND TUNNELS

- ▶ On the roads in the Republic of Serbia, there are 2,638 bridges in the total area of about 800,000 m². Out of them:
- ▶ - 215 bridges are situated on motorways
- ▶ - 996 bridges are situated on state roads of I category and
- ▶ - 1427 bridges are situated on state roads of II category.
- ▶ Undercoated value of all bridges is estimated at **US\$ 1 billion**.

Indicative Extension of the TEN-T Road
Comprehensive/Core Network to the Western Balkans



Road Projects

Eligible for funding

- On Comprehensive
- On Core
- Comprehensive Network
- Core Network

Work on the corridors through Serbia is organized through the following projects:

Corridor X, Xb, Xc, Route 4 and Route 7

Project Sever (from Horgos to Novi Sad) - 108 km

- Project South (from Nis to FYRM) - 74km

- Project East (from Nis to Bulgarian) - 87km

- Bypass Project Belgrade - 47km

- Route 4 Belgrade-Vrsac/ Romanian border/-91,5km

- Route 4 E-763 Belgrade-South Adriatic - 269km

- Route 7 Nis- Merdare/ Pristina/-L-77km

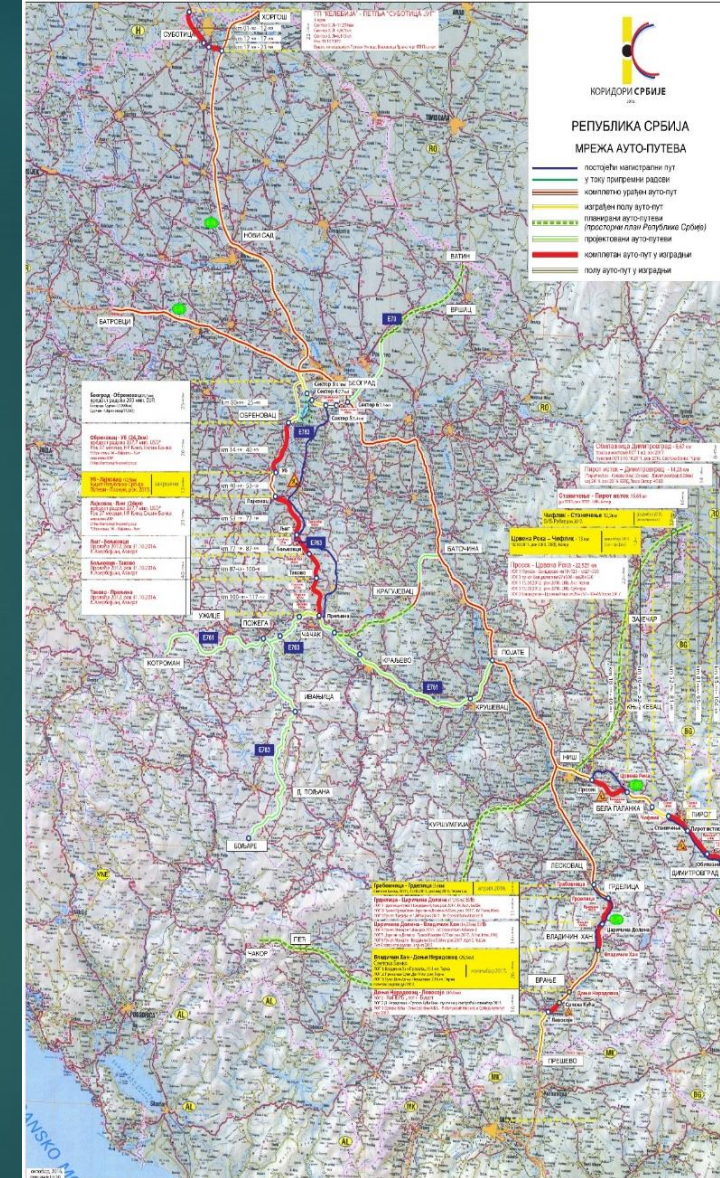
Ongoing works on construction sections>

Project South-E-75 , X - 74 km

- Project East E-80- Xc-87 km

- Belgrade bypass project E-75-E-70-E-75 , X 14 km

- The E-763, Route 4 Belgrade-South Adriatic Sea 103 km



Ongoing projects

▶ CORRIDOR X

- Project E-75, Leskovac (Grabovnica) to Presovo
- Project E-80, Prosek to Bulgaria border

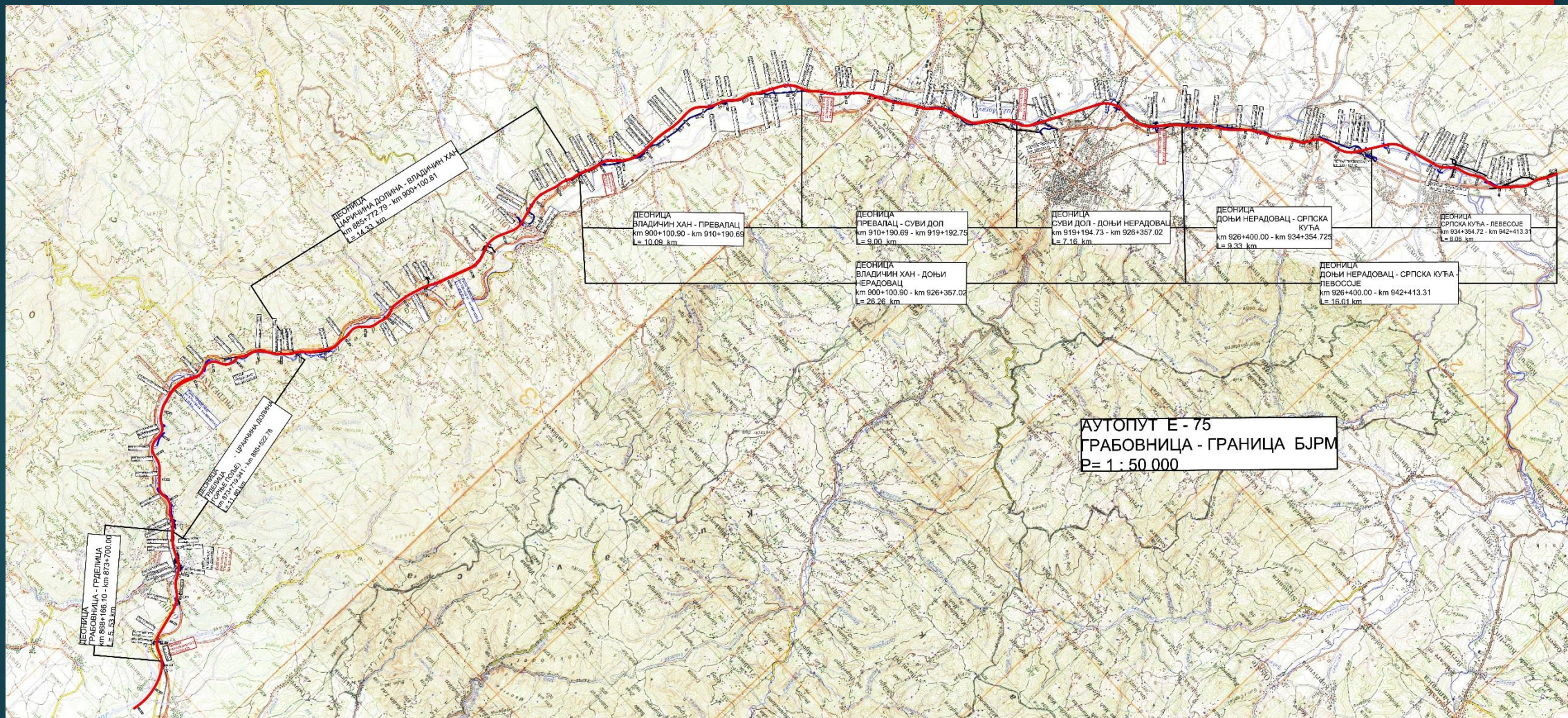
▶ Route 4

- Project E-763 Ljig-Preljina
- Project E-763 Obrenovac-Ub, Lajkovac-Ljig
- ▶ Belgrade by pass
- ▶ Road Rehabilitation and Safety Project
- ▶ Preparation of project documentation for the fast road Ruma-Novi Sad (Fruškogorski corridor)

Ongoing Project

Corridor X, E-75, Nis – FYR Macedonia border

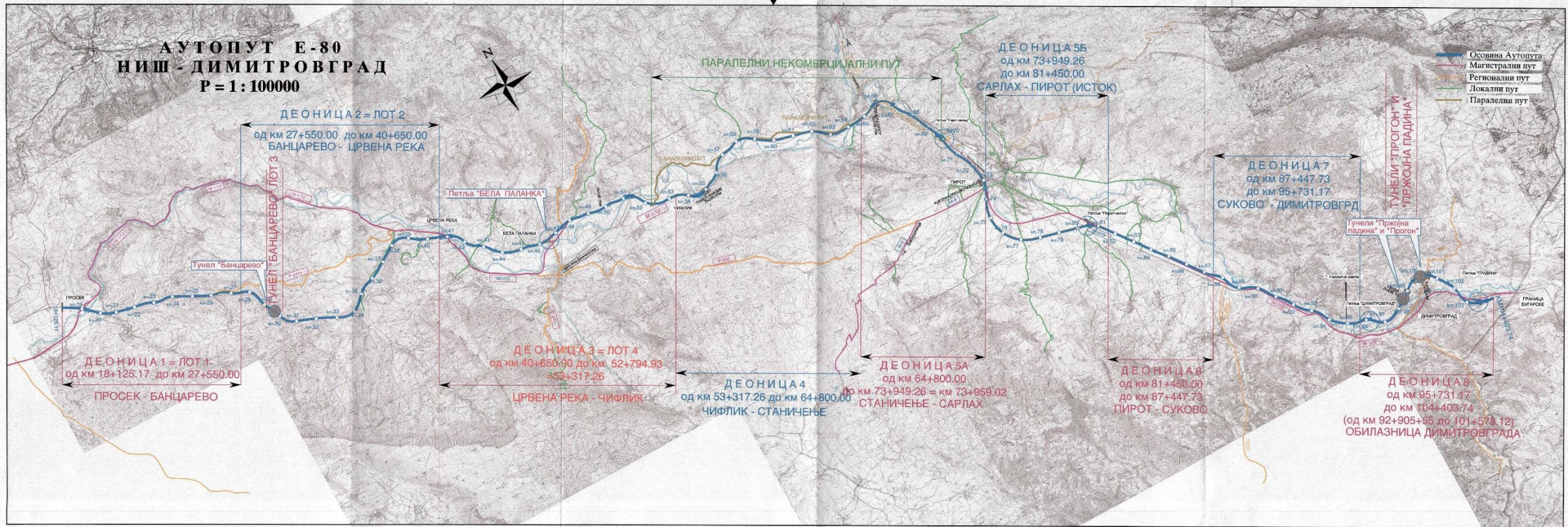
- ▶ Investment value: 415.000.000. EUR
- ▶ Total length: 74,4 km
- ▶ Project start date: January 2011.
- ▶ Project end date: 2017.
- ▶ Contractor: TERNA SA/Azvi SA, TADDEI/JV TRACE Mostovik / Consortium Alliance X / JV: “Integral Inzenjering” PLC, “INTER-KOP Misar” and “Prijedorputevi” / JV Azvi, Construcciones Rubau / AKTOR S.A



Ongoing Project

Corridor X - EAST E-80 Nis – Republic of Bulgaria border

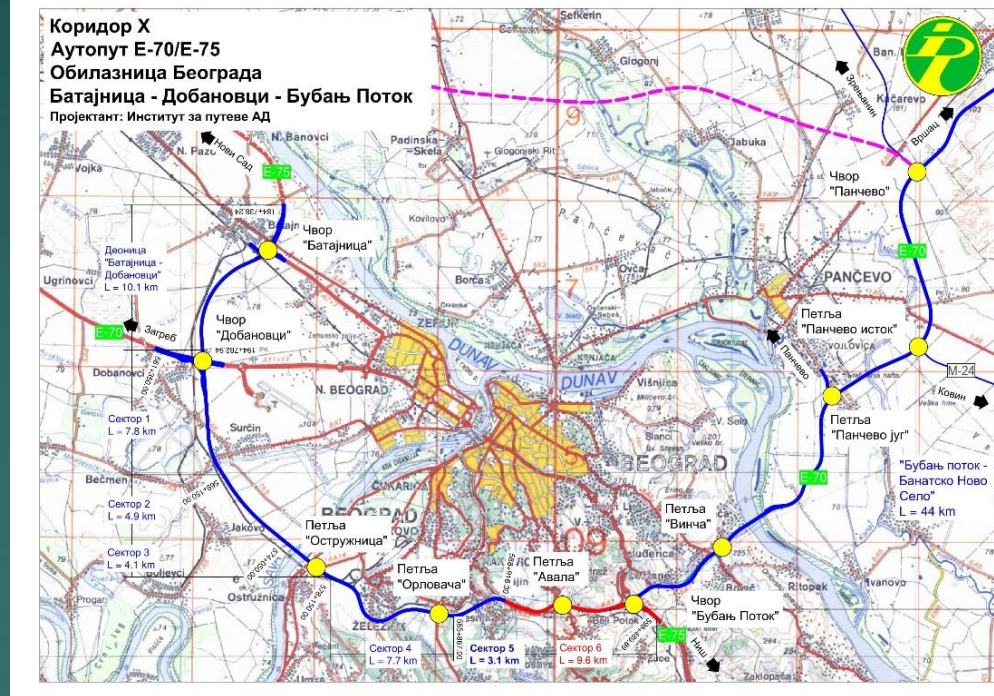
- ▶ Investment value: 332 million EUR
- ▶ Total length: 87,1 km of motorway
- ▶ Project start date: October 2011
- ▶ Project end date: 2017
- ▶ Contractor: AKTOR SA/TERNA SA/SUBTERRA/ Construcciones Rubau/ TRACE



Ongoing Project

Belgrade Bypass

- ▶ Investment: 114,2 million EUR
- ▶ Total length: 47 km
- ▶ **Sector A (Batajnica-Dobanovci)**, 67,8 million EUR, 10 km – put into operation
- ▶ **Sector B (Dobanovci- Bujanj Potok)**
 - **Lot B1, B2, B3.1 Dobanovci-Ostružnica**, left lane, 12,5 million EUR, 10,1 km - put into operation
 - Lot B3.2 **Bridge over Sava River**, 30 million EUR, 3,04 km
 - Lot B5.3 **Petlovo Brdo interchange and Orlovača** 5,07 million EUR



Ongoing Project

Route 4, E-763 Highway Belgrade – South Adriatic, **Belgrade-Ljig** sector

- Section **Surčin-Obrenovac** – the project is prepared, expected to start on April 2017.
 - Investment value: 233.669.280 \$
 - Total length: 17,6 km
- ▶ Sections **Obrenovac-Ub** and **Lajkovac-Ljig**
 - Investment value: 333.740.000 EUR
 - Total length: 50,23 km
 - Project start date: 30 June 2014.
 - Project end date: end of 2017.
- ▶ **Ub-Lajkovac** section - FINISHED
 - Investment value: 70.000.000 EUR
 - Total length: 12,5 km

Ongoing Project

Route 4, E-763 Highway, Belgrade – South Adriatic, the **Ljig – Preljina** section

- ▶ Investment value: 308 million EUR
- ▶ Total length: 40.40 km
- ▶ Project start date: April 2012.
- ▶ Project end date: 31.10.2016.
- ▶ Contractor: AzVirt LLC (The Republic of Azerbaijan)

АУТОПУТ Е - 763
БЕОГРАД - ЈУЖНИ ЈАДРАН
Р = 1: 50 000

СЕКЦИЈА ПРОЈЕКТА
ОД ПУТАР - КОРАЧЕВАЦ
Д = 17,00 км
КМ 0+00,00 - КМ 17+00,00
ПРОЈЕКТОВАЛ: ЈП "П"

СЕКЦИЈА ПРОЈЕКТА
ОД ПУТАР - КОРАЧЕВАЦ
Д = 17,00 км
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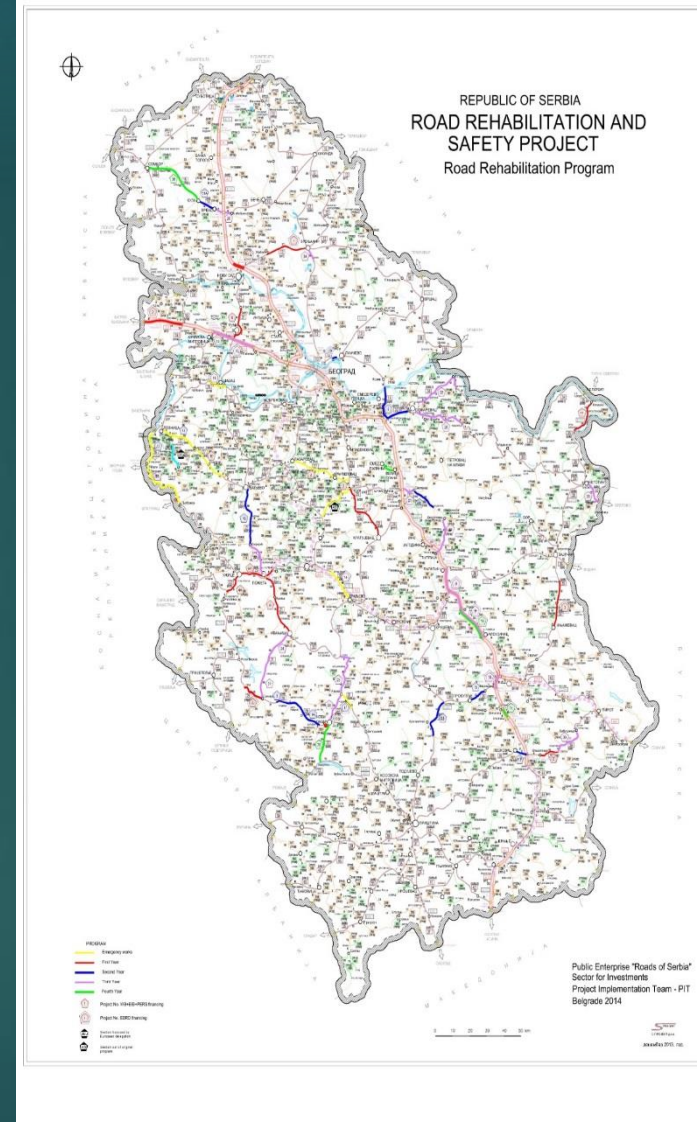
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ПРОЈЕКТОВАЛ: ЈП "П"

Ongoing Project

Road Rehabilitation and Safety Project

- ▶ Investment value: 390 million EUR
- ▶ Total length: 1 100 km, the rehabilitation of 54 sections, according to the priority list
- ▶ Project start date: 2014.
- ▶ Next 5 years
- ▶ Project is implemented through 3 components:
 1. Investments in works of rehabilitation of roads and improvement of traffic safety
 2. Institutional strengthening through
 - Support to the improvement of road safety
 - Strengthening the planning and rehabilitation of road sections
 - Modernizing maintenance management (PBMC)
 3. Implementation, project management, project monitoring and auditing.



Project in preparation

Route 9 Fast road **Ruma-Novi Sad** (Fruškogorski corridor)

- ▶ Section length – 38 km, including numerous buildings, tunnels and bridges.
- ▶ EUR 400,000,000.00 is an approximate amount for the construction, based on terms of reference for a conceptual design .
- ▶ This road will connect Corridor 10 and Corridor 4 and make a connection between Bosnia and Romania. Also, this road will increase the availability of centres of Novi Sad, Ruma and Fruška Gora.

Project in preparation

Highway E-761, Pojate - Preljina, „Morava Corridor“

- ▶ The length of the road is **109 km**.
- ▶ The route is divided into five sections: Pojate - Kruševac, Kruševac - Trstenik, Trstenik Area, Trstenik - Adrani and Adrani - Preljina.
- ▶ Estimated value of total investment is around **550 million euros**.
- ▶ Upon completion of all Preliminary Designs and Feasibility Study, we will know a more precise cost of construction of Highway E-761 Pojate - Preljina

Project in preparation

Highway E-763 Belgrade – South Adriatic, Sector 3, Section: Požega – Boljare (Border with the Republic of Montenegro)

- ▶ Pre-feasibility study and general design developed by the company „Institute of Transportation CIP “, were adopted by the Review Committee on 9 may 2008.
- ▶ The Government has made a decision about development of the Physical plan for special purpose area of infrastructure corridor „Highway E-763, Požega - Boljare“.
- ▶ Estimated investment value of construction is **1,830,900,000 euros**.

Project in preparation

Highway E-761, section: **Požega - Užice** - border with the Republika Srpska (Bosnia and Herzegovina)

- ▶ Pre-feasibility study and general design prepared by the company „Institute of Transportation CIP “, were adopted by the Review Committee on 2 September 2010.
- ▶ Estimated investment value of construction is 850 million euros.

Project in preparation

Highway E-80 (SEETO route 7) Section: Niš - Merdare

- ▶ General project of Highway E-80, Section: Niš - Merdare, was made by CesCOWI and accepted by the Review Committee.
- ▶ The Government has made a decision about development of the Physical plan for special purpose area of infrastructure corridor Highway E-80 (SEETO Route 7), Section: Niš - Merdare
- ▶ Under way is the development of Feasibility Study with Preliminary Design and Environmental Impact Assessment for the part of this section ie. section from Nis to Pločnik (about 40 km out of 77 km which is the length of the section from Niš to Merdare) the value of which is 1.7 mil. Euros. It began in late January 2016 and will last 18 months.
- ▶ The project of technical documentation development from Pločnik to Merdare (37 km) has been nominated for funding within the 15th round of WBIF. The value of this project is estimated at 2.2 million euros.
- ▶ The first level of documentation defined 18 options from which the option whose value is 855 million euros and which is being implemented in two phases (512 + 343 million euros), was selected as optimal one.
- ▶ We expect the Preliminary Design for the whole section from Nis to Pristina to be completed in April 2017.

Introduction of Intelligent Transport Systems on Serbian road network

- ▶ Legal framework established: Law on Public Roads, Memorandum of Understanding between MCTI, MOI and PE 'Roads of Serbia' (2011)
- ▶ Strategic framework to be defined through the Road Transport Strategy

The goal of the Memorandum of Understanding:

- ▶ Coordination of the institutions in charge in order to ensure efficient traffic management and improvement of traffic safety, through:
 - construction of telecommunications infrastructure and control centers along Corridor X,
 - implementation of an integrated system for the control of safety and traffic management.

Current status of **ITS implementation**

- ▶ The main project for the setting up of telecommunication infrastructure on highway E-75, section Belgrade - Nis;
- ▶ Terms of Reference for the final design of the integrated system for safety control and traffic management on highway E-75, section Belgrade - Nis.



Automation of toll collection

Development and implementation of the Road Weather Information System (RWIS) developed as a part of a pilot project in district of Macva and Kolubara



Bilateral relations in road transport with the Republic of Italy

- ▶ 27 July 1960 – Agreement on Road Transport between FNR Yugoslavia and the Republic of Italy.
- ▶ Contractual consolidation with the Republic of Italy has not been completed.
- ▶ The quota of permits for the year 2016 is 12,800 bilateral and 4,000 transit permits, and the agreed quota of permits for the year 2017 is 13,800 bilateral permits and 4,000 transit permits, but it is not enough to meet the needs of the Serbian transport industry as well as the economies of the two countries.



Thank you for your attention !

