

GENERAL NATIONAL REPORT: 2014 MOTORWAY DEVELOPMENT IN SERBIA

1. Total length of Serbian motorway and expressway network

The length of the tolled motorways network managed and maintained by PE Roads of Serbia remained the same compared with 2012. The new sections were opened in 2013.
31.12.2013.

- motorways and expressways: 720,22 km (Levosojce - Preševo, right lane of Motorway - 22, 5 km and Batajnica - Dobanovci Motorway - 10, 00 km were opened)
- tolled motorways and expressways: 603 km

Openings in 2014

The opening of the following sections of tolled motorways is foreseen in 2014:

Motorway	Section	Length km
E-70/75 Belgrade By pass	Sector B1- B3: Dobanovci - Ostružnica	10,05
E-70/75 Belgrade By pass	Sector 4: Construction of the "Petlovo Brdo" and "Orlovača" interchanges (phase II)	6,00
Total		16,05

Investments in motorways

Year	2013		2014**	
	mil CSD	mil EUR	mil CSD	mil EUR
Investments in construction of new motorways				
Investments in routine maintenance of existing motorways ***				
Total				

Realisation of Motorway Development and Maintenance Plan for the year 2013 and Motorway

Development and Maintenance Plan for the year 2014 are still not approved by the Government of Republic of Serbia.

Financing

Year	2013	2014
National Budget	77 %	76 %
Loans (IFI)	11 %	20 %
Own income (toll collection and other fees)	1 %	1 %
Other funds	11 %	3 %
Total	100 %	100%

Traffic on Serbian motorway network

According to the data published by Statistical Office of the Republic of Serbia estimated increased of GDP 2013/2012 in Serbia is 2, 4%.

Inflation rate in 2013 was (taking December 2013 / December 2012 price index) 2,2 %

Traffic growth on motorway network in 2013 / 2012: 4, 75 % (taking into account the total volume of traffic on all tolled motorways in Serbia).

Toll Rates

Now In Serbia there are only four toll classes, as follows:

Toll classes:

1. Class

a. Motor vehicles with two axles and height equal to or lower than 1.3 m, measured at the first axle

b. Vans with two axles and total height equal to or lower than 1.9 m, with maximum allowed weight up to 3,500 kg

2. Class

a. Motor vehicles with two axles and height equal to or lower than 1.3 m measured at the first axle, with trailers

b. Vans with two axles and total height equal to or lower than 1.9 m, with maximum allowed weight up to 3,500 kg with trailers

c. Vans with two axles and total height over 1.9 m, with maximum allowed weight up to 3,500 kg

3. Class

a. Motor vehicles with two or three axles, with height over 1.3 m, measured at the first axle, with maximum allowed weight over 3,500 kg

b. Vans with two axles and total height equal to or over 1.9 m, with maximum allowed weight up to 3,500 kg with trailers

4. Class

Motor vehicles with four or more axles (also counting the trailers' axles), with height over 1.3 m, measured at the first axle, with maximum allowed weight over 3,500 kg

Revenues

The gross toll income in 2013 was 14.718 million CSD or 138, 33 million EUR, taking the exchange rate 1 EUR = 112, 51 CSD.

The gross toll income in 2012 was 14.718 million CSD so the toll revenue approx. increased 5, 73% in the year 2013 (calculated in national currency).

Safety

Main indicators:

According to statistical data published by Statistical Office of the Republic of Serbia in 2012 and the report published by Ministry of Internal Affairs in 2013 the following total of accidents on all roads in Serbia was:

	2012	2013	Variation 2012/2013
Total number of accidents:	37559	37127	-1,15%
No. of personal injury accidents:	18406	18444	+0,21%
No. of dead:	684	643	-5,99%

There is no available data about accidents with respect to designated motorway sections.

On-going projects:

- Construction of Belgrade by-pass
Sector B1- B3: Dobanovci - Ostružnica
- Construction of Belgrade by-pass
Sector 4: Construction of the “Petlovo Brdo” and “Orlovača”
Interchanges (phase II)
- E 763 Beograd - Požega
- E 80 Nis - Dimitrovgrad
- Finalization of the motorway section E 75 Grabovnica -
Levosaje

Long term forecast and tendencies:

- Construction of the motorway E 70 Belgrade - Pančevo - Vršac
- Construction of Belgrade by-pass
Section C Bujanj Potok - Pančevo
- E 763 Požega - Boljare
- E 761 Pojate - Preljina
- E 761 Požega - Užice - BIH
- E 761 Bulgarian border - Zaječar - Paraćin
- M 19, M 21 Novi Sad - Ruma - Šabac - Loznica
- M-24 Hungarian border - Kikinda - Pančevo - Kovin

Significant actions already started and foreseen for 2014

- Modernization of toll collection system in Serbia

Further modernization of toll collection in Serbia will be based on the new ETC system which was put into operation at the beginning of 2007 on motorway section Belgrade - Sid.

By the end of 2014, closed toll collection system with two front toll stations and six lateral toll stations will be established on Belgrade-Subotica motorway on the section from toll station Stara Pazova to toll station Sirig. Two lateral toll stations Beška and Indija are already modernized and the modernization of the remaining toll stations Stara Pazova, Maradik, Kovilj, Novi Sad-South, Novi Sad-North and Sirig are planned for modernization.

On the motorway section from Belgrade to Niš, all toll stations apart from toll station Vrčin are modernized. This toll station will be modernized by the end of 2014 after the completion of the reconstruction works on this station.

ETC represents completely new toll collection technology solution with the best cost/performance ratio. It also provides simple and reliable operation combined with the highest security of data exchange with encrypted data transfer.

The new system is completely in compliance with EU recommendations and standards for electronic tolling interoperability.

The modernization of toll collection system is reflected in the following:

- it supports open and closed toll collection systems
- it enables payment transactions with cash, credit and debit cards and RF tags
- it performs automatic classification of vehicles
- it enables automatic vehicle licence plate recognition
- it enables electronic toll collection without stopping

Summary

MAIN ASECAP KEY FIGURES

Country : Serbia	2014
Network length	603 km
2 x 2 lanes	
2 x 3 lanes	
2 x 4 lanes.....	
No. of km in construction	16,05km
Forecasts of opening motorways section	16,05km
Annual toll revenue**	138,33 M EUR
Permanent staff	1340
Average daily traffic (LV) ***	N/A
Average daily traffic (HV) ***	N/A
Average daily traffic (LV+HV) ***	N/A
Total number of accidents	*37127
No. of personal injury accidents	*18444
No. of dead	*643
Km travelled (10 ⁶ x km) ***	N/A
No. of toll plazas	38
No. of lanes	194
No. of ETC equipped lanes	115**
No. of ETC subscribers	19.816
No. of rest areas (with stations services)	109
No. of rest areas	177
No. of restaurants	20
No. of hotels/motels	60

**** 90 combined manual and ETC and 25 ETC only**

***** There is no data available on AADT on all motorways in Serbia; instead PE Roads of Serbia uses data about total traffic flow volume at designated sections of motorways as shown in table 1. For the purpose of this report vehicles belonging to I and II class are designated as light vehicles and vehicles belonging to III and IV class are designated as heavy vehicles.**

Total traffic flow volume in 2013

Light vehicle (I and II class): 30.212.304 number of vehicles in 2013

Heavy vehicle (III and IV class): 6.003.827 number of vehicles in 2013