

GENERAL NATIONAL REPORT: 2013 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 2011. No new sections were opened in 2012.
31.12.2012.

- motorways and expressways: 687,72 km (7,5 km of new sections of Motorways E 75, by pass Novi Sad were opened)
- tolled motorways and expressways: 603 km

Openings in 2013

The opening of the following sections of tolled motorways is foreseen in 2013:

Motorway	Section	Length km
E-75 South	Levosoje -Preševo, right lane of motorway	22,50
E-70/75 Belgrade By pass	Batajnica - Dobanovci motorway	10,00
E-70/75 Belgrade By pass	Dobanovci-Ostružnica Motorway	10,05
Total		42,55

Investments in motorways

Year	2012		2013**	
	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 2012 and Motorway Development and Maintenance Plan for the year 2013 are not still approved by the Management Board of PE Roads of Serbia and of the Government of Republic of Serbia.

Financing

Year	2012	2013
National Budget		
Loans (IFI)		
Own income (toll collection and other fees)		
Taxes - 20% of tax on oil derivatives		
Other funds		
Credits by commercial Banks		
Total	100 %	100%

Traffic on Serbian motorway network

According to the data published by Statistical Office of the Republic of Serbia estimated decreased of **GDP 2012/2011 in Serbia is 1, 7%**.

GDP 2012: 3.267,1 milliard CSD; 28.692 million EUR (Ministry of Finance estimated)

GDP 2011: 3.358,8 milliard CSD; 32.610 million EUR (Ministry of Finance estimated)

Inflation rate in 2012 was (taking December 2012 / December 2011 price index) 12, 2 %

Traffic growth on motorway network in 2012 / 2011: 1, 27% (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:

Class I: two axled vehicles with a maximum height above the front wheel of under 1.3 m

Class II: vehicles with three axles, under 1.3 m in height above the front wheel

Class III: vehicles with two or three axles, 1.3 m or over in height above the front wheel

Class IV: vehicles with more than three axles, 1.3 m or more in height above the front wheel

Revenues

The gross toll income in 2012 was 14.718 million CSD or 130, 71 million EUR, taking the exchange rate 1 EUR = 112, 60 CSD.

The gross toll income in 2011 was 14.410 million CSD so the toll revenue approx. increased 2, 14% in the year 2012 (calculated in national currency).

Safety

Main indicators:

According to statistical data published by Statistical Office of the Republic of Serbia in 2011 and the report published by Ministry of Internal Affairs in 2012 the following total of accidents on all roads in Serbia was:

	2011	2012	Variation 2011/2012
Total number of accidents:	42438	37559	-11,50%
No. of personal injury accidents:	19310	18406	- 4,68 %
No. of dead:	728	684	-6,04%

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

On-going projects:

- Construction of Belgrade by-pass
Section A Batajnica - Dobanovci
- Construction of Belgrade by-pass
Sector B1- B3: Dobanovci - Ostružnica
- Construction of Belgrade by-pass
Section B Orlovača- Bujanj Potok
- Construction of Belgrade by-pass
Sector 4: Construction of the “Petlovo Brdo” and “Orlovača”
Interchanges (phase II)
- Rehabilitation of the old bridge Beška

- Finalization of the motorway section Leskovac - border to FYROM

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 Beograd - Požega
- 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 2013

- 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.

Until the end of the 2013 we will finish modernization of all toll stations.

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

During 2013 it is planned to set a variable signal at all toll stations for the regulation of traffic and toll collection on the same.

Summary

MAIN ASECAP KEY FIGURES

Country : Serbia	2013
Network length	603 km
2 x 2 lanes	
2 x 3 lanes	
2 x 4 lanes.....	
No. of km in construction	42,55km
Forecasts of opening motorways section	32,05km
Annual toll revenue**	130, 71 M EUR
Permanent staff	1331
Average daily traffic (LV) ***	N/A
Average daily traffic (HV) ***	N/A
Average daily traffic (LV+HV) ***	N/A
Total number of accidents	*37559
No. of personal injury accidents	*18406
No. of dead	*684
Km travelled (10 ⁶ x km) ***	N/A
No. of toll plazas	38
No. of lanes	201
No. of ETC equipped lanes	15**
No. of ETC subscribers	4.848
No. of rest areas (with stations services)	109
No. of rest areas	177
No. of restaurants	20
No. of hotels/motels	60

**** 133 combined manual and ETC and 15 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 2012

Light vehicle (I and II class): 28.515.971 number of vehicles in 2012

Heavy vehicle (III and IV class): 5.967.062 number of vehicles in 2012