

ROAD REHABILITATION AND SAFETY PROJECT (RRSP)

The Road Rehabilitation and Safety Project (RRSP) is financed through loans provided by the World Bank, the European Investment Bank (EIB) and the European Bank for Reconstruction and Development (EBRD), as well as by the Republic of Serbia, and represents a project designed to support the Government of the Republic of Serbia in implementing the National Road Network Rehabilitation Programme.

The Project includes the following:

- Improving the condition of the state road network through the rehabilitation of approximately 1,000 km of existing roads;
- Improving road safety through the implementation of road safety measures at all stages of the Project implementation;
- Strengthening capacities and improving institutional coordination in the field of road safety through the implementation of a range of different services.

No.	COMPLETED WORKS Section	Km
1.	Emergency maintenance and repair works on the IB Category State Road No. 27, Arandjelovac 4 – Krčevac, section Arandjelovac (Orašac) – Krčevac, from km 0+067 to km 8+780, length: 8.713	8.713
2.	Emergency maintenance and repair works on the IB Category State Road No. 27, Lazarevac – Arandjelovac 1, section: Lazarevac 4 – Arandjelovac 1, from km 0+400 to km 1+500, from km 3+700 to km 6+500 and from km 13+700 to km 27+403, length: 17.607 km	17.826
3.	Emergency maintenance and repair works on the IB Category State Road No. 27, Loznica – Valjevo, section: Zavlaka 2 – Pričevići, from km 0+000 to km 29+050, length: 27.018 km	27.008
4.	Emergency maintenance and repair works on the IB Category State Road No. 27, Loznica 5 – Zavlaka 2, section: Krst – Zavlaka 2, from km 0+000 to km 20+279, length: 20.279 km	20.279
5.	Emergency maintenance and repair works on the IB Category State Road No. 26, Belgrade – Šabac – Mali Zvornik, section: Banja Koviljača – Mali Zvornik from km 0+000 to km 14+150 and the IB Category State Road No. 28, Mali Zvornik – Ljubovija – Užice, section: Mali Zvornik – Ljubovija 1, from km 28+160 to km 41+686	27.676

6.	Emergency maintenance and repair works on the IB Category State Road No. 28, Mali Zvornik – Ljubovija – Užice, section: Mali Zvornik – Gračanica, from km 4+540 to km 28+160, length: 23.620 km	25.420
7.	Emergency maintenance and repair works on the IB Category State Road No. 31, Raška – APKM Border (Jarinje), from km 0+000 to km 10+550, length: 10.550 km	10.550
8.	Emergency maintenance and repair works on the IIA Category State Road No. 152, Topola – Bućin Grob, section: Topola 1 – Bućin Grob, from km 0+000 to km 27+280, length: 27.280 km	26.980
9.	Emergency maintenance and repair works on the IIA Category State Road No. 170, Rogačica – Bajina Bašta, section: Rogačica 2 – Bajina Bašta 1 (Perućac), from km 0+060 to km 9+650, length: 9.590 km	9.590
10.	Emergency maintenance and repair works on the IB Category State Road No. 22, Preljina – Kraljevo, section: Mrčajevci – Kraljevo 1, from km 0+000 to km 18+791, length: 18.791 km	18.475
11.	Heavy maintenance of the IB Category State Road No. 12, section: Kać - Zrenjanin 1 (bypass), from km 13+095 to km 37+306	24.211
12.	Rehabilitation of the IA Category State Road No. (E-75), section: Novi Sad - Belgrade (right carriageway), from km 111+700 to km 117+200, length: 5.5 km	5.500
13.	Heavy maintenance of the IB Category State Road No. 21, section: Irig 2 – Ruma 1 (motorway), from km 26+680 to km 42+260, L=15.580 km	15.580
14.	Heavy maintenance of the IA Category State Road No. 3, section: HR/SR Border (Batrovci) - Kuzmin 1 (motorway), from km 0+554.86 to km 22+196.11, left carriageway, from km 0+564.64 to km 22+229.16, right carriageway, L=21.642 km, left carriageway, L=21.665 km, right carriageway	43.307

15.	Heavy maintenance of the IB Category State Road No. 29, section: Prijepolje - Sjenica 3 (Medare), from km 39+100 to km 52+900, L=13.800 km	13.800
16.	Heavy maintenance of the IB Category State Road No. 39, section: Vlasotince – Svođe, from km 58+876 to km 46+362, L=12,514 km	12.514
17.	Heavy maintenance of the IB Category State Road No. 15, section: Vrbas (Zmajevio) - Srbobran (Feketić), from km 78+298 to km 87+790, L=9.492 km	9.492
18.	Heavy maintenance of the IB Category State Road No. 35, section: Kladovo – Brza Palanka, from km 11+160 to km 34+419, L=23.259 km	23.259
19.	Remaining works on the heavy maintenance of the IB Category State Road No. 23, section: Pakovrač (Markovica) – Užice, from km 10+485 to km 47+586, L=37.101 km	37.101
20.	Heavy maintenance of the IB Category State Road No. 27, section: Interchange Markovac – Svilajnac, from km 189+753 to km 195+961, L=6.208 km	6.208
21.	Heavy maintenance of the IB Category State Road No. 23/28, section: Kneževići - Bela Zemlja - Užice, from km 145+140 to km 160+374, L=15.234 km	15.234
22.	Heavy maintenance of the IB Category State Road No. 39, section: Leskovac South (connection with A1) – Leskovac (Bratmilovce), from km 68+241 to km 74+740, L=6.499 km	6.499
23.	Heavy maintenance of the IB Category State Road No. 10, section: APV border (Pančevo) - Pančevo (Kovin) and Pančevo (Kovin) – APV border (Pančevo), from km 10+185.00 to km 13+047.80, L=2,862.80 m (left carriageway) and from km 10+190.32 to km 13+040.97, L=2,850.65 m (right carriageway)	5.713
24.	Heavy maintenance of the IB Category State road No. 15, section: Kula (Bačka Topola) - Vrbas (Savino Selo), from km 63+696 to km 73+852, L=10.156 km	10.156

25.	Heavy maintenance of the IA Category State Road No. 3, sections: Interchange Sremska Mitrovica – Interchange Ruma, from km 43+563 to km 57+313, L=13.750 km (left carriageway) and Interchange Ruma – Interchange Pećinci, from km 57+205 to km 70+303, L=13.098 km (right carriageway)	26.848
26.	Heavy maintenance of the IB Category State Road No. 29, section: Sjenica (Karaukića Bunari) – Sušica, from km 65+548 to km 74+563, L=9.015 km	9.015
27.	Heavy maintenance of the IB Category State Road No. 35, section: Zaječar 5 – Knjaževac 1 (Trgovište), from km 128+426.00 to km 152+769.23, L=24.343 km	24.343
28.	Designing and heavy maintenance of the IB Category State Road No. 21, section: Požega – Ivanjica, from km 209+141.00 to km 248+079.38, L=38.938 km	13.335
29.	Heavy maintenance of the IB Category State Road No. 13, section: Zrenjanin (Ečka) - Ečka, from km 122+260 to km 130+950, L=8.690 km	8.690
30.	Heavy maintenance of the IB Category State Road No. 33, section: Negotin (Radujevac) – RS/BG (Mokranje), from km 187+335 to km 200+254, L=12.919 km	12.919
31.	Heavy maintenance of the IA Category State Road No. 1, section: Interchange Ražanj – Interchange Aleksinac, from km 385+067 to km 408+778.710, L=23.711 km (left carriageway)	23.711
32.	Heavy maintenance of the IA Category State Road No. 1, section: Interchange Paraćin – Interchange Ražanj, from km 360+249 to km 385+067, L=24.818 km (left carriageway)	24.818
33.	Heavy maintenance of the IB Category State Road No. 35, sections: Merošina - Prokuplja (Orljane), from km 207+502 to km 219+005, L=11.503 km and Beloljin – Kuršumlja – Rudare, from km 237+881 to km 262+136.59, L=24.256 km	35.759
34.	Heavy maintenance of the IB Category State Road No. 22, section: Raška (K. Mitrovica) – Novi Pazar (Banja), from km 236+001 to km 253+891, L=17.890 km	17.890
35.	Heavy maintenance of the IIA Category State Road No. 186, section: Čuprija (Despotovac) - Despotovac, from km 00+000 to km 21+440, L=21.44 km	21.440
36.	Heavy maintenance of the IB Category State Road No. 39, section: Babušnica - Svođe, from km 25+851 to km 45+385, L=19.534 km	19.534

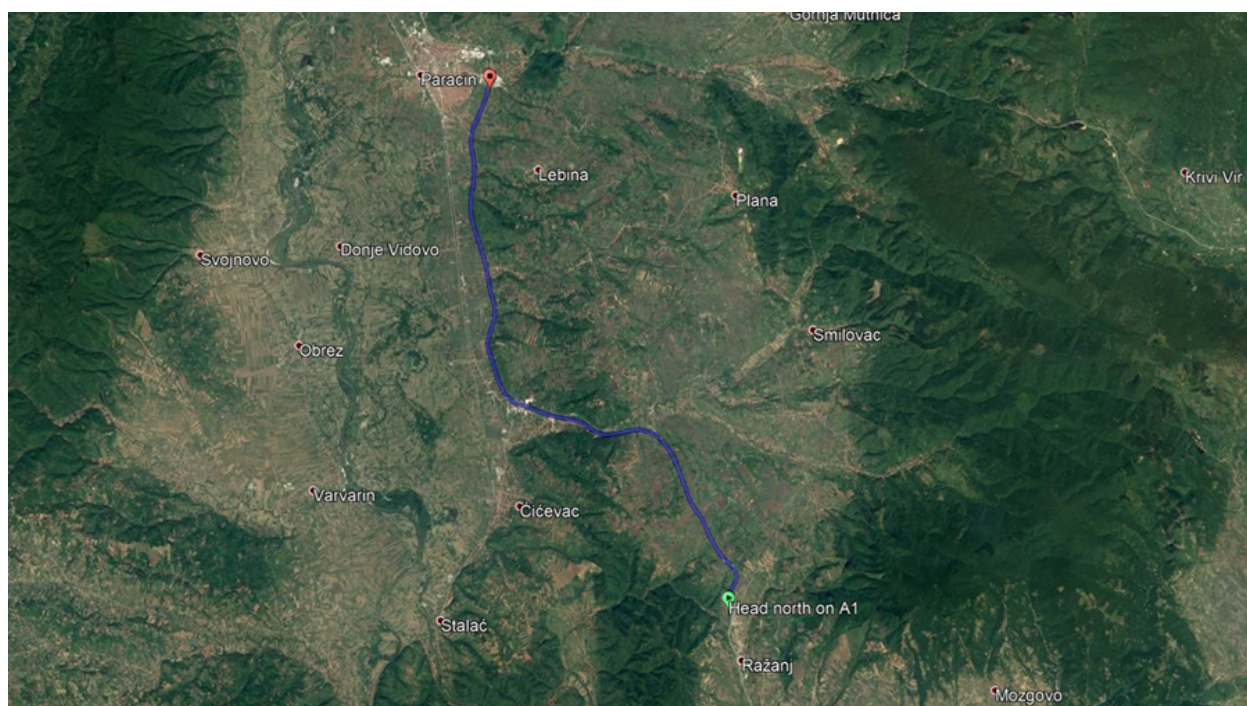
37.	Heavy maintenance of the IB Category State Road No. 21, section: Ivanjica – Sjenica, from km 288+208.650 to km 309+132.689, L=20.915 km	20.915
38.	Heavy maintenance of the IIA Category State Road No. 160, section: Svilajnac (Crkvenac) – Medveđa (Glogovac), from km 44+057 to km 58+860, L=14.803 km	14.803
39.	Heavy maintenance of the IA Category State Road No. 1, section: Brestovac (interchange) - Doljevac (interchange), from km 457+272 to km 451+250, L=6.022 km	6.022
40.	Heavy maintenance of the IB Category State Road No. 21, section: Kosjerić (Varda) - Požega, from km 183+075 to km 205+210, L=22.135 km	22.135
Completed works		723.268

No.	WORKS IN PROGRESS Section	Km
1.	Heavy maintenance of the IB Category State Road No. 15, section: Sombor (Industrial Zone) - Kula, from km 24+251.00 to km 63+779.78, L=39.529 km	39.529
2.	Remaining heavy maintenance works on the IB Category State Road No. 21, section: Požega-Ivanjica, from km 209+141.00 to km 248+079.38, L=24.944 km	24.944
3.	Heavy maintenance of the IB Category State Road No. 21, section: Ivanjica - Sjenica, from km 250+024.00 to km 288+189.78, L=38.166 km	38.166
4.	Heavy maintenance of the IB Category State Road No. 14, section: APV Border (Kovin) – Ralja, from km 37+148.19 to km 50+889.88, L=13.742 km	13.742
5.	Designing and heavy maintenance of the IB Category State Road No. 21, section: Valjevo (bypass) – Kaona – Kosjerić, from km 153+200 to km 173+200, L=20.000 km	20.000
6.	Heavy maintenance of the IB Category State Road No. 22, section: Novi Pazar (Brđani) – Ribariće, from km 257+703 to km 282+068, L=24.365 km	24.365
Works in Progress		160.746
THE TOTAL OF COMPLETED WORKS AND WORKS IN PROGRESS		884.014

- **Heavy Maintenance of the IA Category State Road No. 1, Section:
Interchange Paraćin – Interchange Ražanj, from km 360+249 to km
385+067, L=24.818 km (Left Carriageway)**

IA Category State Road No.1 provides a longitudinal transport connection through the northern and southern parts of Serbia (state border with Hungary – Novi Sad – Belgrade – Niš – Vranje – state border with North Macedonia), i.e., the Corridor 10 route, connecting the norther part of Serbia, from the Horgoš border crossing, with the southern part of Serbia and the Preševo border crossing.

The subject section is a part of the Nišava Administrative District. Section Paraćin-Ražanj, 24.818 km long, belongs to the IA Category State Road No. 1 (former M-1 road designation), (“Official Gazette of the Republic of Serbia“, No. 93/2015). Accordingly, the starting point of the section is at Node 0143, Paraćin Interchange, at the chainage 360+249, and the ending point is defined at the Node 0145, Ražanj Interchange, at km 385+067. The Project covers the left carriageway of the subject section of the motorway, i.e., the I A Category State Road No. 1, with a defined length.





EMBANKMENT CONSTRUCTION



INSTALLATION OF THE FLEXIBLE CRASH BARRIER



PREPARATION OF THE BASE FOR GUTTER CONSTRUCTION



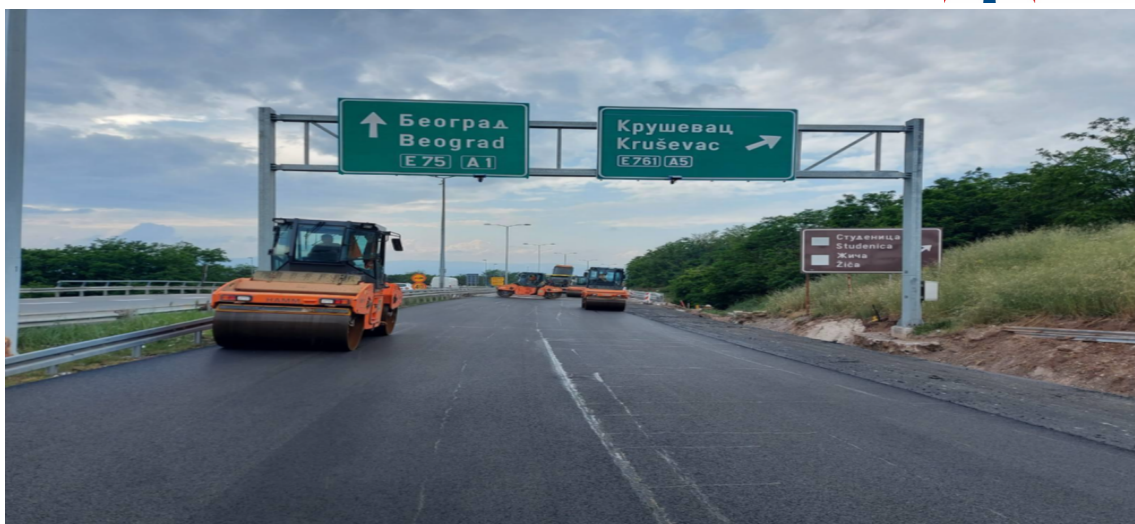
PREPARATION OF THE STONE PAVING ON SLOPES



CONSTRUCTION OF DRAINAGE CHANNELS IN THE CENTRAL RESERVATION



REHABILITATION WORKS ON BRIDGES



INSTALLATION OF ASPHALT LAYERS

- **Heavy Maintenance of the IB Category State Road No. 22, Section: Raška (K. Mitrovica) – Novi Pazar (Banja), from km 236+001 to km 253+891, L=17.890 km**

The heavy maintenance contract predicts rehabilitation of the 17.89 km long state road section from the Raška roundabout to the Banja interchange in Novi Pazar. The subject section belongs to the Raška Administrative District located in the southwestern part of the Republic of Serbia. The entire section is situated in the Raška and Novi Pazar municipalities.





- **Heavy Maintenance of the IB Category State Road No. 21, Section:
Ivanjica – Sjenica, from km 288+208.650 to km 309+132.689, L=20.915 km**

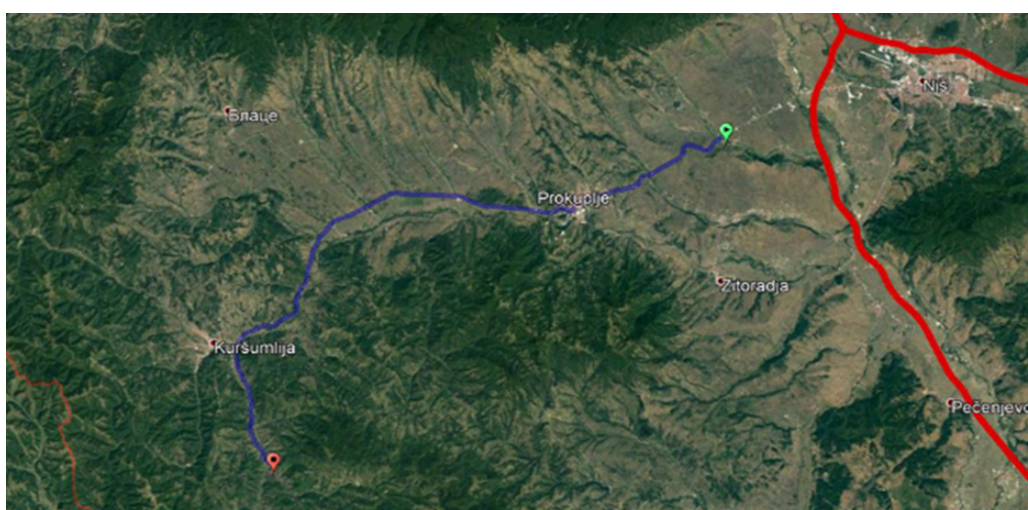
The subject section is a part of the Moravica and Zlatibor Administrative Districts, located in the southwestern part of the Republic of Serbia. Section Ivanjica – Sjenica, 61.336 km long, belongs to the IB Category State Road No. 21 and represents a segment of the transport connection between Ivanjica and Sjenica, with the subject section connecting settlements Ivanjica and Sjenica. The section is situated in the municipalities of Ivanjica and Sjenica.

Section Ivanjica – Sjenica is located on the route Novi Sad – Irig – Ruma – Šabac – Koceljeva - Valjevo - Kosjerić - Požega - Arilje - Ivanjica - Sjenica. The length of the section predicted for rehabilitation is 20.915 km. The beginning of the section predicted for rehabilitation is defined on the border between the Ivanjica and Sjenica municipalities, and the end is at the entry to Sjenica.

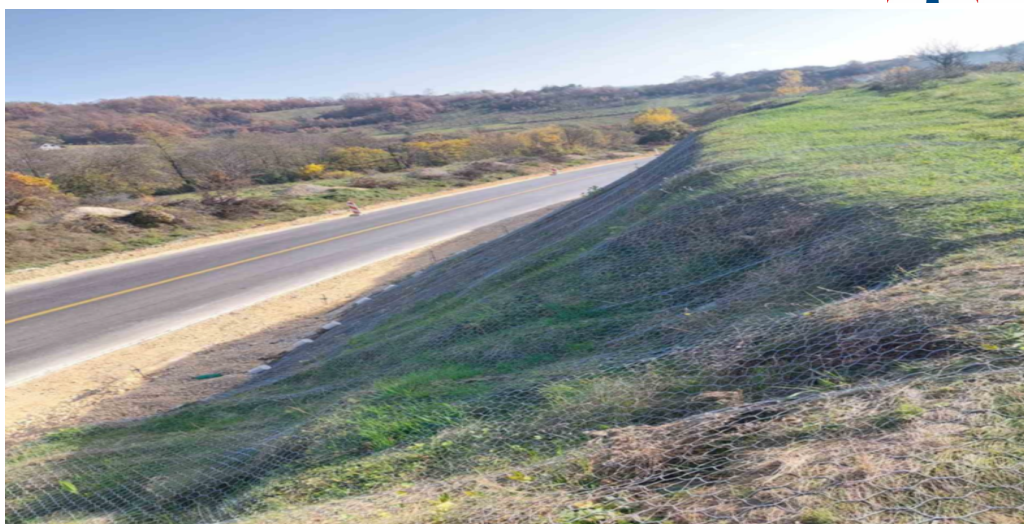


- **Heavy Maintenance of the IB Category State Road No. 35, sections:**
Merošina – Prokuplje (Orljane), from km 207+502 до км 219+005,
L=11.503 km and Beloljin – Kuršumlja – Rudare, from km 237+881 to km
262+136.59, L=24.256 km

Section Merošina – Prokuplje (Orljane), 11.503 km long, connects the Merošina municipality with local communities Jugbogdanovac, Nova Božurna, and Prokuplje municipality as well. The second part belongs to the Toplica Administrative District, situated in the southern part of the Republic of Serbia. Section Beloljin – Rudare, 24.256 km long, connects the Beloljin local community with the Kuršumlja municipality and the Rudare local community as well. The section comprises ten bridges, 80 culverts, 25 retaining walls and gabion walls.



CONSTRUCTION OF PEDESTRIAN FOOTPATHS



PROTECTIVE SLOPE



CONSTRUCTION OF AB RETAINING WALLS



REHABILITATION OF KOSANICA 1 BRIDGE



CONSTRUCTION OF GUTTERS



CONSTRUCTION OF AB RETAINING WALLS



COLD RECYCLING

▪ **Heavy Maintenance of the IB Category State Road No. 39, Section:
Babušnica - Svođe, from km 25+851 to km 45+385, L=19.534 km**

Section Babušnica – Svođe belongs to the Pirot Administrative District, Babušnica municipality, and partially to the Jablanica Administrative District, Vlasotince municipality. The section belongs to the IB Category State Road No. 39, Pirot – Babušnica – Vlasotince – Leskovac – Lebane – Medveđa – Priština – Peć – Montenegro State Border (border crossing Čakor). The section can be classified as a long-distance interregional road (interregional connecting road) and represents one of the principal roads in southeastern Serbia and the only cross-link between the international roads E75 and E80.

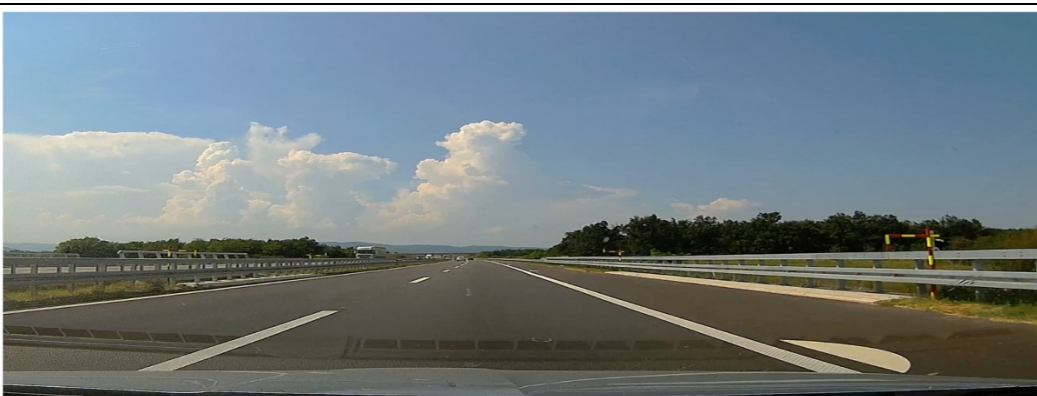
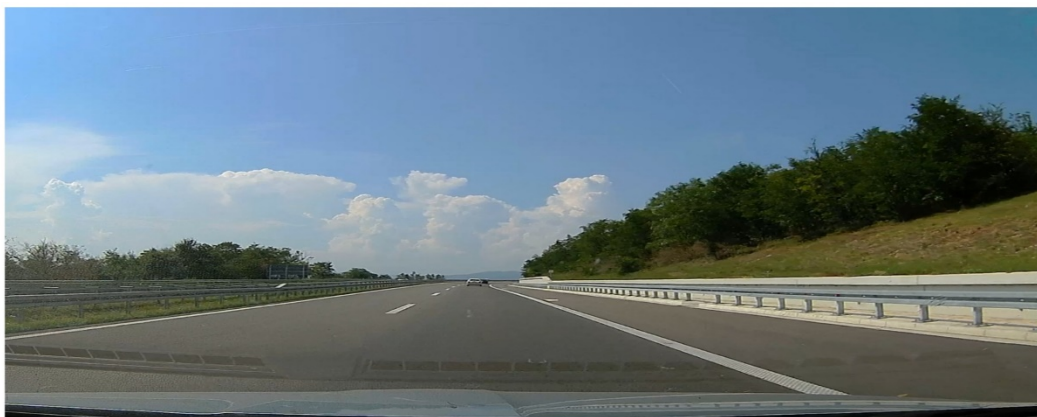


- **Heavy Maintenance of the IA Category State Road No. 1, Section:
Interchange Ražanj – Interchange Aleksinac, from km 385+067 to km
408+778.710, L=23.711 km (left carriageway)**

The subject section is situated in the Nišava District, located in east-central region of Serbia and it is designated as the A1 state road. The section also belongs to the international route E-75.

The section begins at the Node 0145, Ražanj interchange, at the chainage 385+067, and ends immediately before the Node 0147, Aleksinac interchange, at the chainage 408+778. The total length of the section covered by heavy maintenance is 23.711 km.





- **Heavy Maintenance of the IIA Category State Road No. 186, Section: Ćuprija (Despotovac) - Despotovac, from km 00+000 to km 21+440, L=21.44 km**

The subject section belongs to the Pomoravlje Administrative District and Ćuprija and Despotovac municipalities. The beginning of the section is predicted at the Node No. 15808, located at the beginning of the section 18601, IIA Category State Road No.186, chainage km 0+000 (intersection of the IIA Category State Road No. 186 and the IIA Category State Road No.158). The end of the section predicted for heavy maintenance is before the intersection with the traffic lights, with Savez Boraca Street in Despotovac. The intersection is approximately 474m before the End Node No. 16005, at chainage km 21+440.

The section can be classified as a connecting regional road. It is the shortest connection with the IA Category State Road No. 1 (motorway) from Ćuprija to Despotovac in east-central Serbia.





- **Heavy Maintenance of the IB Category State Road No. 21, Section:
Kosjerić (Varda) – Požega, from km 183+075 to km 205+210, L=22.135 km**

The subject section from Kosjerić to Požega is situated in the Zlatibor Administrative District on the IB Category State Road No. 21 and represents the shortest connection between Zlatibor and Novi Sad, and therefore carries all tourist and passenger traffic in this direction.

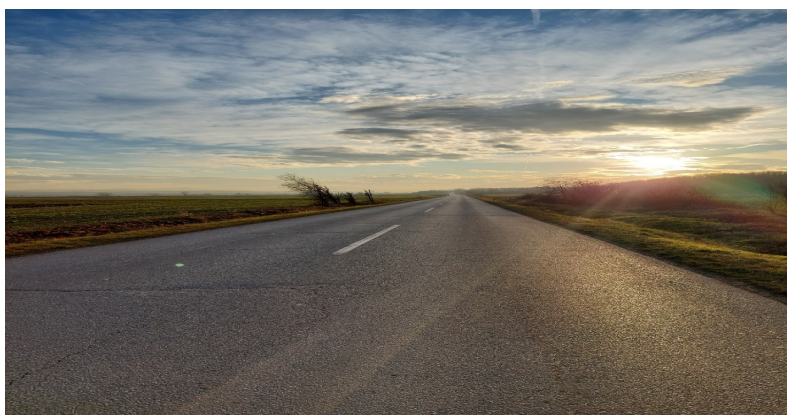
The section includes 6 bridges, 16 to 47.8 metres long, 70 culverts, and 61 retaining walls – with the total length of 2,000 m.



- **Heavy Maintenance of the IIA Category State Road No. 160, Section: Svilajnac (Crkvenac) - Medveđa (Glogovac), from km 44+057 to km 58+860, L=14,803 km**

The section belongs to the Pomoravlje Administrative District and it is situated in the central and eastern parts of the Republic of Serbia, representing a segment of the transport connection between the Braničevo and Pomoravlje Administrative Districts, connecting the Svilajnac municipality with the Medveđa local community.

Section Svilajnac (Crkvenac) – Medveđa (Glogovac) is 14,803 km long and belongs to the IIA Category State Road No. 160. The section starts with a three-lane at-grade intersection of the IIA Category State Road No. 160 with the municipal road leading to the village of Crkvenac at km 44 + 057.00, and ends in Medveđa at km 58+860.









- **Heavy Maintenance of the IA Category State Road No. 1, Section:
Brestovac (interchange) – Doljevac (interchange), from km 457+272 to km
451+250, L=6.022 km**

The subject section from Brestovac to Doljevac is situated in the Nišava Administrative District. Section Interchange Brestovac – Interchange Doljevac, 6.022 km long (left carriageway) belongs to the IA Category State Road No. 1 (former road designation M-1) and represents a segment of the longitudinal transport connection through the northern and southern parts of Serbia, i.e., the Corridor 10 route connecting the northern part of the state border with Hungary (border crossing Horgoš) and southern Serbia, i.e., the state border with Macedonia (border crossing Preševo).

The section begins at the Node 152 of the Brestovac Interchange, and ends at the Node 151, Doljevac Interchange. The heavy maintenance subject is the left carriageway of the motorway on the subject section, i.e., the carriageway in the direction from the Brestovac Interchange to the Doljevac Interchange.



