



## AMAZON OF EUROPE BIKE TRAIL

D 5.2.1 Report on Route implementation  
O 5.3 Functioning Amazon of Europe  
Bike Trail

### Southern route



## TABLE OF CONTENT

<b>1. Introduction</b> .....	<b>3</b>
<b>2. Brief summary of the route</b> .....	<b>5</b>
<b>3. Structure of stage presentations</b> .....	<b>8</b>
<b>4. Amazon of Europe Bike Trail – stage by stage</b> .....	<b>10</b>
<b>4.1. S1 Mureck (AT) – Banovci (SI)</b> .....	<b>10</b>
4.1.1. Basic information .....	10
4.1.2. Changes compared to the route plan .....	10
4.1.3. Short summary of the stage .....	10
4.1.4. Information about the route and its condition .....	11
4.1.5. Implemented infrastructure .....	14
<b>4.2. S2 Banovci (SI) – Mursko Središće (HR)</b> .....	<b>21</b>
4.2.1. Basic information .....	21
4.2.2. Changes compared to the route plan .....	21
4.2.3. Short summary of the stage .....	21
4.2.4. Information about the route and its condition .....	22
4.2.5. Implemented infrastructure .....	23
<b>4.3. S3 Mursko Središće (HR) - Donji Vidovec (HR)</b> .....	<b>27</b>
4.3.1. Basic information .....	27
4.3.2. Changes compared to the route plan .....	27
4.3.3. Short summary of the stage .....	27
4.3.4. Information about the route and its condition .....	28
4.3.5. Implemented infrastructure .....	30
<b>4.4. S4 Donji Vidovec (HR) – Varaždin (HR)</b> .....	<b>37</b>
4.4.1. Basic information .....	37
4.4.2. Changes compared to the route plan .....	37
4.4.3. Short summary of the stage .....	37
4.4.4. Information about the route and its condition .....	38
4.4.5. Implemented infrastructure .....	39
<b>4.5. S5 Varaždin (HR) – Prelog (HR)</b> .....	<b>44</b>
4.5.1. Basic information .....	44
4.5.2. Changes compared to the route plan .....	44
4.5.3. Short summary of the stage .....	44
4.5.4. Information about the route and its condition .....	45
4.5.5. Implemented infrastructure .....	48
<b>4.6. S6 Prelog (HR) – Koprivnica (HR)</b> .....	<b>49</b>
4.6.1. Basic information .....	49
4.6.2. Changes compared to the route plan .....	49
4.6.3. Short summary of the stage .....	49
4.6.4. Information about the route and its condition .....	50
4.6.5. Implemented infrastructure .....	53

<b>4.7. S7 Koprivnica (HR) – Đurđevac (HR)</b>	<b>58</b>
4.7.1. Basic information	58
4.7.2. Changes compared to the route plan	58
4.7.3. Short summary of the stage	58
4.7.4. Information about the route and its condition	59
4.7.5. Implemented infrastructure	62
<b>4.8. S8 Đurđevac (HR) – Pitomača (HR)</b>	<b>67</b>
4.8.1. Basic information	67
4.8.2. Changes compared to the route plan	67
4.8.3. Short summary of the stage	67
4.8.4. Information about the route and its condition	68
4.8.5. Implemented infrastructure	69
<b>4.9. S9 Pitomača (HR) – Kapela Dvor (HR)</b>	<b>73</b>
4.9.1. Basic information	73
4.9.2. Changes compared to the route plan	73
4.9.3. Short summary of the stage	73
4.9.4. Information about the route and its condition	74
4.9.5. Implemented infrastructure	75
<b>4.10. S10 Kapela Dvor (HR) -Noskovci (HR)</b>	<b>79</b>
4.10.1. Basic information	79
4.10.2. Changes compared to the route plan	79
4.10.3. Short summary of the stage	79
4.10.4. Information about the route and its condition	80
4.10.5. Implemented infrastructure	83
<b>4.11. S11 Noskovci (HR) – Belišće (HR)</b>	<b>89</b>
4.11.1. Basic information	89
4.11.2. Changes compared to the route plan	89
4.11.3. Short summary of the stage	89
4.11.4. Information about the route and its condition	90
4.11.5. Implemented infrastructure	93
<b>4.12. S12 Belišće (HR) – Osijek (HR)</b>	<b>100</b>
4.12.1. Basic information	100
4.12.2. Changes compared to the route plan	100
4.12.3. Short summary of the stage	100
4.12.4. Information about the route and its condition	101
4.12.5. Implemented infrastructure	102
<b>4.13. S13 Osijek (HR) – Erdut (HR)</b>	<b>106</b>
4.13.1. Basic information	106
4.13.2. Changes compared to the route plan	106
4.13.3. Short summary of the stage	106
4.13.4. Information about the route and its condition	107
4.13.5. Implemented infrastructure	108

<b>4.14. S14 Erdut (HR) – Apatin (SRB)</b> .....	<b>112</b>
4.14.1. Basic information .....	112
4.14.2. Changes compared to the route plan .....	112
4.14.3. Short summary of the stage .....	112
4.14.4. Information about the route and its condition .....	113
4.14.5. Implemented infrastructure .....	115
<b>4.15. S15 Apatin (SRB) – Sombor (SRB)</b> .....	<b>118</b>
4.15.1. Basic information .....	118
4.15.2. Changes compared to the route plan .....	118
4.15.3. Short summary of the stage .....	118
4.15.4. Information about the route and its condition .....	119
4.15.5. Implemented infrastructure .....	121
<b>4.16. S16 Sombor (SRB) – Mohács (HU)</b> .....	<b>129</b>
4.16.1. Basic information .....	129
4.16.2. Changes compared to the route plan .....	129
4.16.3. Short summary of the stage .....	129
4.16.4. Information about the route and its condition .....	130
4.16.5. Implemented infrastructure .....	132
<b>ANNEXES</b> .....	<b>141</b>



# 1. INTRODUCTION

The Amazon of Europe Bike Trail is a joint initiative of 5 countries to establish a long-distance bike trail along three rivers focusing on the territory of the 5-country UNESCO Biosphere Reserve Mura-Drava-Danube (TBR MDD), which has been officially designated in September 2021. The project is funded by the European Union (ERDF, IPA) within the framework of the Interreg Danube Transnational Programme, in the cooperation of 15 partners from 5 countries. The project aims to create a sustainable tourism product considering valorisation of natural and cultural resources as a basic pillar. The result of the project will be a unique brand and joint bookable sustainable tourism product, based on nature-oriented visitor guidance and equipped with commonly designed infrastructure (resting areas, info points) elements, offering an excellent nature and cycling experience at the same time.

The aim of current document is to give an overview about the results of route implementation process with specific regards to all infrastructure related elements that have been implemented in frame of the Amazon of Europe Bike Trail project.

This document is building on the contents of the “O.5.1. Amazon of Europe Bike Trail Route Plan”, which was prepared previously, in the middle of the project duration. In the route plan, 11 regional coordinators developed their respective route itinerary and laid down the basis of a successful route implementation by describing their intention regarding what and how do they want to implement in their area. After 1,5 years they had to summarize their progression, experiences, and results by preparing their regional route reports. The aim of this document is to provide a detailed overview on the results of the route implementation in each region of the involved five countries. In order to reach this goal, the regional route implementation reports were elaborated by the regional coordinators and the content of the already prepared route plan meant the most important basis.

Regional Coordinators / Name of organisation	Area responsible for
Tourism Association Region Bad Radkersburg	Austria
Municipality Velika Polana	Slovenia
West-Pannon Regional and Economic Development Public Nonprofit Ltd.	Hungary (Zala County)
Balaton-felvidéki National Park Directorate	Hungary (Zala County)
Entrepreneurs' Centre of Somogy County Foundation	Hungary (Somogy and Baranya Counties)
Tourism board of Međimurje county	Croatia (Međimurje County)
Koprivnica Križevci County	Croatia (Koprivnica Križevci County)
Public institution for management of protected parts of nature and ecological network in Virovitica Podravina county	Croatia (Virovitica Podravina County)
Public Institution Development Agency of Osijek-Baranja County	Croatia (Osijek-Baranja County)
Municipality of Apatin	Serbia
City of Sombor	Serbia

1. Table: List of regional coordinators with territories they are responsible for

West-Pannon Nonprofit Ltd. had multiple roles in the process of route implementation. Firstly, as a regional coordinator responsible for a specific region (Zala County), it needed to ensure that the route will be signposted in time, and the needed infra elements will be produced or purchased properly, then will be placed onto the field. During this task, Westpannon was facing the similar difficulties like the other regional coordinators did, especially in that period when nothing was going on fluently worldwide due to the pandemic situation.

Secondly, as work package leader of WP5, the most important task was the continuous monitoring of the implementation process. The tasks of Westpannon were during the route implementation phase:

- to ensure and check the consistency of the regional route itinerary proposals defined by respective coordinators - after the route plan, in several cases the route has changed – of course this changes couldn't be done without Westpannon as work package leader.
- it required continuous updates of the contents of the route plan, and also required continuous digitalization to keep update the itinerary

The route implementation report contains all the information regarding the route itself (with map, detailed tables about the route and its quality), the location of signposts (with pictures) and the location of other infrastructure elements (like infoboards, bike repair service station etc., with pictures) to document all the work what the regional coordinators did. Additionally, this document will be the basis for the Booking Center and Amazon of Europe Bike Trail Destination Development Organization for the maintenance.



## 2. BRIEF SUMMARY OF THE ROUTE

The total length of the Amazon of Europe Bike Trail – without detours – is 1260 km, it has been divided into northern and southern routes which follow the Mura, Drava and Danube rivers on both sides and affect 5 countries - Austria, Slovenia, Croatia, Hungary and Serbia.

	Length of main route	Length of detours <sup>1</sup>
Total	1260 km	241 km
AoE BT Northern route	553 km	86 km
AoE BT Southern route	707 km	155 km

*2. Table: Main figures of route lengths*

The trail consists of several sections which can be passed and visited in one day by bicycle – called daily stages (the criteria of one single daily stage were defined in the common methodology). A total number of **27 daily stages are part of the trail**: 11 of them belong to the northern part of the route while the southern part of the route contains 16 daily stages. Each of them has an identifier which is a combination of a letter and a number. Letters “N” or “S” referring to northern or southern, while the continuous numbering of the stages starting from west to east, begins in Mureck, Austria. Stage points are start/end points of a daily stage, altogether 27 stage points have been selected along the entire trail. Besides the two main entry points / end points of the trail (Mureck and Mohács) city of Osijek in Croatia is the only spot where the two routes intersect each other but there are numerous other options (bridges, ferries) to change between routes.

The main route of the trail by definition is a continuous connection between two stage points without any bifurcation and has been defined in line with the set of criteria in the route planning methodology. It generally runs parallel to the rivers, but it is not necessarily using the closest road to them. Detours are connected to the main route where it is justifiable, often run perpendicularly to the rivers. A detour has been considered as justified if it creates a connection with natural/cultural sites closely related to the values of the project, offering river views, river access, or leading to popular natural or cultural sites, called them “must see” points. The total length of the detours regarding the entire trail is 241 km.

---

<sup>1</sup> This is the length of the detour end points (usually a „must see” attraction or river viewpoint). The tourists have to cycle this length twice (to go there and back)

Stage	Starting point	End point	Length of the main route	Length of the detours	Country
S 1	Mureck (AT)	Banovci (SLO)	44,57 km	4,22 km	Austria & Slovenia
S 2	Banovci (SLO)	Mursko Središće (CRO)	28,93 km	5,18 km	Slovenia & Croatia
S 3	Mursko Središće (CRO)	Donji Vidovec (CRO)	62,18 km	6,57 km	Croatia
S 4	Donji Vidovec (CRO)	Varaždin (CRO)	43,14 km	5,88 km	Croatia
S 5	Varaždin (CRO)	Prelog (CRO)	24,59 km	12,43 km	Croatia
S 6	Prelog (CRO)	Koprivnica (CRO)	56,43 km	6,98 km	Croatia
S 7	Koprivnica (CRO)	Đurđevac (CRO)	50,73 km	33,76 km	Croatia
S 8	Đurđevac (CRO)	Pitomača (CRO)	34,89 km	8,68 km	Croatia
S 9	Pitomača (CRO)	Kapela Dvor (CRO)	25,4 km	9,22 km	Croatia
S 10	Kapela Dvor (CRO)	Noskovci (CRO)	61,44 km	9,59 km	Croatia
S 11	Noskovci (CRO)	Belišće (CRO)	73,9 km	3,98 km	Croatia
S 12	Belišće (CRO)	Osijek (CRO)	32,5 km	-	Croatia
S 13	Osijek (CRO)	Erdut (CRO)	34,15 km	-	Croatia
S 14	Erdut (CRO)	Apatin (SRB)	35,51 km	3,14 km	Croatia & Serbia
S 15	Apatin (SRB)	Sombor (SRB)	36,8 km	24,26 km	Serbia
S 16	Sombor (SRB)	Mohács (HUN)	60,9 km	21,11 km	Serbia & Hungary
<b>Total length of the southern route:</b>			<b>706,6 km</b>	<b>155 km</b>	

3. Table: Daily stages of the Amazon of Europe Bike Trail's southern route



Total length of 16 daily stages have been defined along the southern route of the Amazon of Europe Bike Trail is 707 km. The average length of a daily stage on the southern route is 44 km, the shortest stage is S5 Varaždin-Prelog with 24,59 km, while the longest one is almost 74 km (S11 Noskovci- Belišće). Daily stage S7 Koprivnica-Đurđevac has the longest combined length (main route + detours) due to the extended “network of detours” on the left riverside at Repaš.

As result of the implementation process, the route has been equipped with different type of elements serving the cyclists. The numbers of the various installed items regarding the whole trail are the following:

- 37 large info boards
- 23 small info boards
- 17 resting places
- 50 other types of elements (17 bicycle repair stands, 26 bicycle racks, 4 solar benches, 2 solar lamps and one e-charging pillar for e-bicycles)
- More than 1700 signposts/signs

The trail is similarly signposted everywhere in the affected regions, but in terms of the other elements, the territorial distribution is not equal among the stages. There are some areas where we can find many of them, while elsewhere need to cycle longer distances to encounter even one. Installing these elements was not obligatory for the partners, but regional coordinators commonly accepted that one large info board will be placed in every stage points. The southern route can be considered better equipped compared to the south one, since 15 out of the total 17 resting places, or 22 out of 23 small info boards can be found somewhere along the southern sections. The exact places of all infrastructure elements have been listed; it is part of the annex of this document. The presentation of the installed infrastructure by stages is one of the main topics of this report.

## 3. STRUCTURE OF STAGE PRESENTATIONS

Regional implementation reports provided by the regional coordinators contain description and explanation about all the changes compared to the Amazon of Europe Bike Trail route plan, as well as provide relevant information regarding the implemented infrastructure (info boards, resting places, signposts, etc.). Based on this information, some important parts of the route plan can be updated and supplemented. This document goes through all 16 stages of the Southern route one by one, providing up-to-date content and presenting the result of route implementation. In case of each stage, the presentation follows the same structure and consists of five subchapters:

- The first subchapter contains updated basic information about the respective daily stage which means the coordinates of the start and end points (stage points), total length, length of detours as well as the proportion of sections with unpaved surface. A simplified map shows the itinerary of the stage.
- The second subchapter summarizes in a few sentences those main changes that happened in the past 1,5 years. All the information being mentioned here, has already been corrected.
- Third subchapter is a brief summary about the daily stage.
- Fourth subchapter with the title of “Information about the route and its condition” contains a table, using subsections as basic units. This table used to be the part of the route planning document as well, but now, this is the updated version based on the regional reports, so actually it presents the final version of each stage. The stages are divided into shorter stretches (subsections), in order to give a detailed picture on the route conditions. Every subsection has a unique identifier which is visible in the first column of the table. Second, third and fourth columns show their start and end points with coordinates (based on Google Maps) and their lengths. It also includes information regarding the type of the roads (bicycle lane, bicycle path, public road, etc.) and surface type (asphalt, gravel, dirt, grass, etc.) used by the trail. The last column is a quality-based classification of each stretch on a 3-point scale<sup>2</sup> which ensures comparability and helps to identify those parts where further improvement is needed. Traffic situation is not part of this classification, because it is focusing only on the physical condition of the roads. Anyway, the traffic related information can be found in the eighth column if data was available to the respective subsection. The unit of measure in these cases is annual average daily traffic (AADT).
- Fifth and last subchapter is presenting the implemented infrastructure along the trail including all types of infrastructure elements. After a short textual description and a few pictures, all the

---

<sup>2</sup> 3 stars: good quality, 2 stars: acceptable, 1 star: further improvement is needed



implemented elements (info boards, resting places, bike racks, repair stand, etc.) are listed one by one. Together with pictures and information about their location (coordinates) in order to each of them be accurately identifiable. An infrastructure element in a stage point technically belongs to two stages at the same time since the end point of a stage is the start point of the next stage, therefore certain elements (f.e. large info boards located at the stage points) are listed to two or more stages. The following table(s) are sharing similar information about the signposts and direction signs: coordinates of the location, size and type of the sign, textual content. Unfortunately, this part cannot be considered completed since in case of some stages these data are not available. Summarizing tables with the used number and type of signs along a specific stage are also often part of these chapters.

## 4. AMAZON OF EUROPE BIKE TRAIL – STAGE BY STAGE

### 4.1. S1 Mureck (AT) – Banovci (SI)

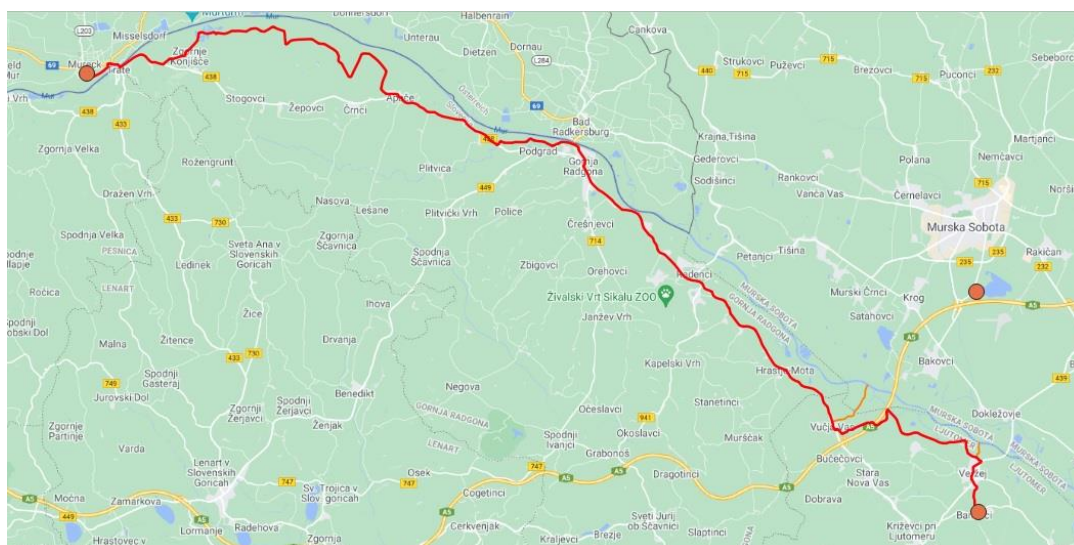
#### 4.1.1. Basic information

**Start point of the daily stage:** Mureck (Austria), Austraße. Coordinates: 46.704679 15.770654

**End point of the daily stage:** Banovci (Slovenia), intersection. Coordinates: 46.571572, 16.166695

**Length of the daily stage:** 44,57 km (14 km – 32 % is unpaved)

**Length of the detour(s):** 4,22 km (1,98 km – 47 % is unpaved)



1. Figure: Map of S1 stage, Mureck-Banovci

#### 4.1.2. Changes compared to the route plan

Several changes have been made in relation with the route of S1 after the detailed route plan document. The route has been changed between Apače and Segovci, in Lutverci, Gornja Radgona, and Veržej. Mainly unpaved sections with more difficulty to cycle on them have been replaced by asphalted roads.

#### 4.1.3. Short summary of the stage

However, the start point of the stage / trail is Mureck (Austria), almost the entire stage can be found in Slovenia. The cycling path from Mureck to Banovci is mostly surrounded by nature but is also leads through cities and villages rich in cultural heritage and values. There is a lot to discover and experience in these communities along the road, while tourists can take a break in spas of Radenci and Banovci. While cycling mostly in the nature, good restaurants, bars, and shops are on the way from the start point to the end of the stage. There are 5 crossing possibilities between the northern and southern route, allowing to take some short detours or just to enjoy the view on river Mura.



#### 4.1.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S1/1	Mureck, Austraße 46.704679 15.770654	Mureck, road B69 – R2 Murradweg 46.707846, 15.780202	1,05 km	municipality roads	gravel (partly asphalt)			***
S1/2	Mureck, road B69 – R2 Murradweg	Mureck, road B69 – L214 intersection 46.707889, 15.781944	0,13 km	public road	asphalt	B69		***
S1/3	Mureck, road B69 – L214 intersection	Trate, Mura bridge 46.706525, 15.785753	0,37 km	public road	asphalt	L214, 433		***
S1/4	Trate, Mura bridge	Vratja Vas, east 46.707630, 15.804915	1,71 km	public road	asphalt	438		***
S1/5	Vratja Vas, east	Zgornje Konjišče, lakes 46.716845, 15.828169	2,48 km		asphalt			***
S1/6	Zgornje Konjišče, lakes	North of Žiberци 46.713527, 15.859213	2,98 km		gravel			**
S1/7	North of Žiberци	North of Črnci 46.710870, 15.893294	3,84 km		asphalt			***
S1/8	North of Črnci	Apače, west 46.698515, 15.903887	1,95 km		gravel			***
S1/9	Apače, west	Apače, road nr. 438 intersection 46.697754, 15.909304	0,45 km	municipality road	asphalt			***
S1/10	Apače, road nr. 438 intersection	Segovci, road 438, bus stops 46.693145, 15.922516	1,2 km		asphalt	438		***
S1/11	Segovci, road 438, bus stops	Lutverci, Plitvica creek 46.682981, 15.953169	2,75 km	public road	asphalt	438		***
S1/12	Lutverci, Plitvica creek	Gornja Radgona, west 46.683273, 15.979897	2,25 km		grass			*
S1/13	Gornja Radgona, west	Gornja Radgona, bridge 46.683309, 15.987111	0,58 km		asphalt			***

S1/14	Gornja Radgona, bridge	Gornja Radgona, roundabout at the bridge 46.682272, 15.989024	0,21 km	municipality road	asphalt			***
S1/15	Gornja Radgona, roundabout at the bridge	Gornja Radgona, south roundabout 46.671951, 15.994448	1,3 km		asphalt			***
S1/16	Gornja Radgona, south roundabout	Mele, south 46.656416, 16.019580	2,75 km	bicycle path	asphalt			***
S1/17	Mele, south	Šratovci, west 46.654399, 16.022326	0,32 km	separated path	asphalt			***
S1/18	Šratovci, west	Šratovci, east 46.648366, 16.029529	0.91 km	public road	asphalt	230		***
S1/19	Šratovci, east	Radenci, west 46.646552, 16.032133	0,29 km	separated path	asphalt			***
S1/20	Radenci, west	Radenci, roundabout 46.641784, 16.040836	0,89 km	public road	asphalt	230		***
S1/21	Radenci, roundabout	Radenci, east 46.638062, 16.048617	0,77 km	shared pedestrian/bicycle path	asphalt			***
S1/22	Radenci, east	North of Rihtarovci-1 46.634122, 16.055125	0,74 km	separated path	asphalt			***
S1/23	North of Rihtarovci-1	North of Rihtarovci-2 46.632285, 16.056282	0,24 km	shared pedestrian/bicycle path	asphalt			***
S1/24	North of Rihtarovci-2	Turjanci, west 46.629564, 16.058940	0,39 km	separated path	asphalt			***
S1/25	Turjanci, west	Turjanci, east 46.627351, 16.066671	0,68 km	shared pedestrian/bicycle path	asphalt			***
S1/26	Turjanci, east	Hrastje-Mota, west 46.621872, 16.070879	0,71 km	separated path	asphalt			***
S1/27	Hrastje-Mota, west	Hrastje-Mota, east 46.613065, 16.082494	1,37 km	shared pedestrian/bicycle path	asphalt			***
S1/28	Hrastje-Mota, east	Vučja Vas, north 46.600461, 16.100924	2,16 km	separated path	asphalt			***

S1/29	Vučja Vas, north	Vučja Vas, detour intersection 46.598931, 16.101650	0,18 km	shared pedestrian/bicycle path	asphalt			***
S1/30	Vučja Vas, detour intersection	Vučja Vas, south 46.596298, 16.103080	0,33 km	shared pedestrian/bicycle path	asphalt			***
S1/31	Vučja Vas, south	Vučja Vas, end of settlement 46.595365, 16.105754	0,28 km	municipality road	asphalt			***
S1/32	Vučja Vas, end of settlement	A5 bridge-1, 46.598571, 16.117381	1,00 km		gravel			***
S1/33	A5 bridge-1,	A5 bridge-2 46.598451, 16.123050	0,46 km		asphalt			***
S1/34	A5 bridge-2	Start of embankment at A5 46.602593, 16.126149	0,62 km		gravel			***
S1/35	Start of embankment at A5	Veržej north, Mlinska cesta 46.588211, 16.165667	3,96 km	embankment	gravel			**
S1/36	Veržej north, Mlinska cesta	Veržej, embankment and road 439 intersection	0, 24 km	embankment	gravel			**
S1/37	Veržej, embankment and road 439 intersection	Veržej, Ulica Franja Kozarja – road 439 intersection 46.586371, 16.167507	0,04 km	public road	asphalt	439		***
S1/38	Veržej, Ulica Franja Kozarja – road 439 intersection	Veržej, south 46.578771, 16.165952	1,1 km	municipality roads	asphalt			***
S1/39	Veržej, south	Banovci, north 46.572550, 16.165820	0,76 km	bicycle path	asphalt			***
S1/40	Banovci, north	Banovci, intersection 46.571572, 16.166695	0,13 km	municipality road	asphalt			***
<b>DETOURS</b>								
S1/D1	Radenci, roundabout	Mura bridge Petanjci 46.649424, 16.050281	1,24 km	public road	asphalt	235		***



S1/D2-1	Vučja Vas, detour intersection	Vučja Vas, east 46.600307, 16.108272	0,55 km	municipality road	asphalt			***
S1/D2-2	Vučja Vas, east	Ferry, Krog 46.609946, 16.117222	1,93 km	forest road	gravel			**
S1/D3	Veržej, sports field	Babič mill, Veržej 46.592136, 16.166815	0,5 km		gravel			***

4. Table: Subsections of S1 stage


#### 4.1.5. Implemented infrastructure

Altogether 6 large info boards have been placed along the stage, one in Mureck, Austria, which is the official start point of the Amazon of Europe Bike Trail, both the first north and south stages start here. The rest five large info boards can be found in Slovenia. Since the placement of infrastructure elements in Slovenia has been carried out at the late stage of the project, pictures on their 100 % completed form were not available at the time when this report made.

Total 176 road signs have been placed along daily stage S1. Since the first short section from Mureck is an overlapping part of S1 and N1, 7 road signs in Austria technically belong to stage S1 as well.

## Stage S1

Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of S1 and the whole Amazon of Europe Bike Trail	46.704679	15.770654	Mureck, Austria
				
2.	Large info board	46.708276	15.799062	Vratja vas, Slovenia
				
3.	Large info board	46.684099	15.963576	Podgrad, Slovenia
				
4.	Large info board	46.640931	16.044233	Radenci, Slovenia

				
5.	Large info board	46.595475	16.103442	Vučja vas, Slovenia
	No photo available			
6.	Large info board	46.580366	16.164572	Veržej, Slovenia
	No photo available			

5. Table: installed infrastructure elements along stage S1

<b>Stage S1 – road signs</b>			
<b>Nr.</b>	<b>Direction</b>	<b>Latitude (in google map form)</b>	<b>Longitude (in google map form) Information</b>
<b>Austria</b>			
1.	left	46.704763	15.771843
2.	right	46.703615	15.772636
3.	left	46.703615	15.772636
4.	right	46.707790	15.780217
5.	left	46.707790	15.780217
6.	straight	46.707644	15.784578
7.	straight	46.707644	15.784578
<b>Slovenia</b>			
8.	left	46.706899	15.785405
9.	right	46.706813	15.786305
10.	straight	46.706732	15.786368
11.	left	46.705979	15.785135
12.	left	46.707647	15.804359
13.	right	46.707840	15.805145
14.	left	46.710197	15.814565

15.	right	46.710320	15.814608
16.	right	46.716878	15.820719
17.	left	46.716878	15.820719
18.	left	46.716919	15.828122
19.	right	46.716901,	15.828355
20.	straight	46.716783	15.828194
21.	right	46.716783	15.828194
22.	left	46.713692	15.859138
23.	right	46.713770	15.859719
24.	straight	46.713489	15.859277
25.	right	46.713489	15.859277
26.	straight	46.715100	15.871253
27.	straight	46.715266	15.871049
28.	left	46.703760	15.887894
29.	right	46.703920	15.888194
30.	straight	46.703707	15.888146
31.	left	46.703707	15.888146
32.	right	46.710822	15.893267
33.	left	46.710915	15.893488
34.	right	46.711009	15.893306
35.	left	46.711009	15.893306
36.	straight	46.709253	15.899133
37.	straight	46.709168	15.899409
38.	straight	46.698470	15.903986
39.	left	46.698470	15.903986
40.	right	46.698534	15.904008
41.	straight	46.697666	15.908665
42.	left	46.697666	15.908665
43.	left	46.698174	15.909098
44.	right	46.697749	15.909581
45.	straight	46.693068	15.922504
46.	straight	46.693182	15.922446
47.	right	46.682986	15.953365
48.	straight	46.683120	15.953552
49.	right	46.683180	15.979759
50.	right	46.683389	15.979917
51.	straight	46.683426	15.986271
52.	straight	46.683474	15.986402
53.	straight	46.683250	15.986922
54.	right	46.682764	15.987960
55.	right	46.682770	15.988174
56.	left	46.682818	15.988448
57.	straight	46.682427	15.989154



58.	left	46.682427	15.989154
59.	right	46.682251	15.989050
60.	straight	46.682044	15.989037
61.	straight	46.681975	15.989265
62.	left	46.682041	15.989484
63.	left	46.681691	15.988923
64.	left	46.676975	15.991421
65.	right	46.676222	15.991687
66.	straight	46.676954	15.990670
67.	left	46.676954	15.990670
68.	straight	46.671750	15.994379
69.	left	46.671415	15.994162
70.	straight	46.671357	15.994669
71.	left	46.671357	15.994669
72.	left	46.671767	15.994648
73.	straight	46.671767	15.994648
74.	straight	46.664769	16.005898
75.	left	46.664574	16.005855
76.	left	46.664510	16.006281
77.	straight	46.664510	16.006281
78.	straight	46.664919	16.006101
79.	straight	46.656326	16.019530
80.	straight right	46.654541	16.022279
81.	straight	46.648272	16.029508
82.	straight	46.645634	16.032899
83.	left	46.645634	16.032899
84.	straight	46.646126	16.032671
85.	straight	46.646489	16.032148
86.	left	46.643801	16.034905
87.	straight	46.643801	16.034905
88.	left	46.644075	16.035117
89.	straight	46.644173	16.034908
90.	straight	46.641845	16.039535
91.	right	46.641814	16.040131
92.	left	46.641814	16.040131
93.	left	46.642103	16.039943
94.	left	46.642035	16.039514
95.	straight	46.642035	16.039514
96.	straight	46.640725	16.044062
97.	left	46.640462	16.043995
98.	left	46.640462	16.043995
99.	straight	46.640309	16.044317
100.	left	46.640309	16.044317

101.	left	46.640583	16.044601
102.	straight	46.640797	16.044234
103.	straight	46.637891	16.048354
104.	left	46.637874	16.048652
105.	straight	46.636850	16.049306
106.	straight	46.636978	16.049339
107.	left	46.638162	16.048678
108.	straight	46.638162	16.048678
109.	left	46.634132	16.055297
110.	right	46.634086	16.055136
111.	left	46.632417	16.056431
112.	straight	46.632417	16.056431
113.	straight	46.632087	16.056031
114.	left	46.632142	16.056294
115.	left	46.629574	16.059092
116.	right	46.629537	16.058882
117.	straight	46.627210	16.066624
118.	left	46.627261	16.066803
119.	left	46.621800	16.071042
120.	right	46.621780	16.070842
121.	straight	46.619392	16.073293
122.	left	46.619392	16.073293
123.	left	46.619060	16.073253
124.	straight	46.619060	16.073253
125.	straight	46.614768	16.080733
126.	left	46.614768	16.080733
127.	straight	46.614435	16.081130
128.	left	46.614435	16.081130
129.	straight	46.612989	16.082361
130.	straight	46.613171	16.082503
131.	straight	46.600660	16.100750
132.	straight	46.600313	16.100910
133.	left	46.600390	16.100556
134.	right	46.600390	16.100556
135.	left	46.600600	16.101017
136.	left	46.595490	16.103517
137.	right	46.596297	16.103172
138.	straight	46.596408	16.103070
139.	straight	46.595033	16.106251
140.	straight	46.595184	16.106047
141.	straight	46.598659	16.119090
142.	straight	46.598692	16.118842
143.	straight	46.598246	16.122860

144.	straight	46.598261	16.122597
145.	straight	46.602528	16.126229
146.	left	46.602600	16.126224
147.	straight	46.594751	16.141518
148.	straight	46.594865	16.141355
149.	straight	46.588541	16.163469
150.	straight	46.588430	16.163557
151.	straight	46.587986	16.165559
152.	straight	46.588060	16.165430
153.	straight	46.586725	16.167878
154.	right	46.586491	16.167586
155.	left	46.586356	16.167363
156.	straight	46.585387	16.164909
157.	right	46.585100	16.164201
158.	left	46.585229	16.164265
159.	straight	46.583200	16.163922
160.	straight	46.583438	16.164204
161.	straight	46.581360	16.163409
162.	straight	46.581248	16.163304
163.	straight	46.580557	16.164318
164.	left	46.580557	16.164318
165.	left	46.580181	16.164063
166.	left	46.580137	16.164364
167.	straight	46.580137	16.164364
168.	left	46.580431	16.164613
169.	straight	46.578823	16.166013
170.	straight	46.578659	16.165989
171.	left	46.572599	16.165819
172.	straight	46.572624	16.165835
173.	left	46.571977	16.166530
174.	right	46.571772	16.166973
175.	straight left	46.571082	16.166540
176.	straight right	46.571082	16.166540

6. Table: Location and direction of the used signs along stage S1

## 4.2. S2 Banovci (SI) – Mursko Središće (HR)

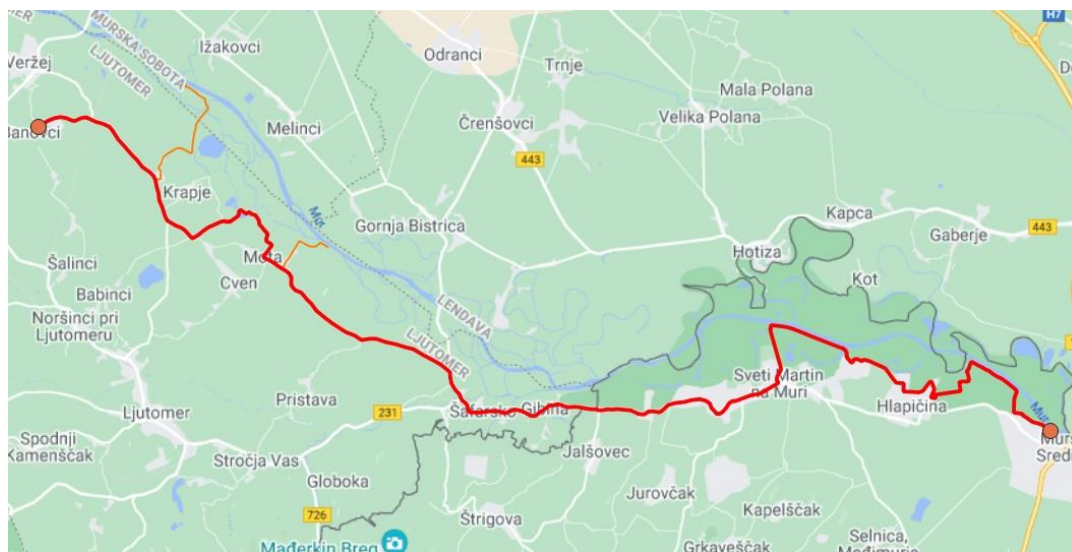
### 4.2.1. Basic information

**Start point of the daily stage:** Banovci (Slovenia), intersection, coordinates: 46.571572, 16.166695

**End point of the daily stage:** Mursko Središće, promenade along Mura river, Matije Gupca 31-39, HR – 40315  
(coordinates: 46.51632, 16.43476)

**Length of the daily stage:** 28, 93 km (6, 52 km – 23 % is unpaved)

**Length of the detour(s):** 5,18 km (3,07 km – 59 % is unpaved)



2. Figure: Map of stage S2, Banovci - Mursko Središće

### 4.2.2. Changes compared to the route plan

Some considerable changes happened regarding the route on the Slovenian section of the daily stage. Due to surface issues, the trail will use the asphalted public roads instead of gravel/dirt roads near Krapje and Šafarsko. It resulted the shortening of the stage by a few kilometers. The route remained the same on the Croatian part.

### 4.2.3. Short summary of the stage

S2 is a shared stage between two countries: Slovenia and Croatia, while detours mean additional 5 km in one way. Due to its length and well-balanced mixture of different type of roads, the daily stage is very easy to accomplish in a comfortable way. There are many attractive experiences on this Slovenian section – rafting, rent a bike, relaxing next to river Mura, trying out local food in some restaurants and visit natural and cultural heritage sites. This part offers relaxation in spas and direct connection with river Mura. From the bridge in Sveti Martin, the route follows the river closely, offering a nature close cycling experience.



#### 4.2.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S2/1	Banovci, intersection 46.571572, 16.166695	Zgornje Kapje, chapel 46.561972, 16.197669	2,98 km	public road, municipality roads	asphalt			***
S2/2	Zgornje Kapje, chapel	Krapje Cven 46.551290, 16.207488	1,5 km	municipality roads	asphalt			***
S2/3	Krapje Cven	Intersection west of Gezove jame 46.554470, 16.215380	0,7 km	municipality road	asphalt			***
S2/4	Intersection west of Gezove jame	Mota, north 46.549980, 16.228449	1,55 km		gravel			***
S2/5	Mota, north	Mota, intersection to ferry 46.545739, 16.231353	0,76 km	public road, municipality roads	asphalt			***
S2/6	Mota, intersection to ferry	Road 726 intersection-1 46.527103, 16.275526	4,22 km	public road	asphalt			***
S2/7	Road 726 intersection-1	Roads 726 – 231 intersection 46.521809, 16.278760	0,64 km	public road	asphalt	726		***
S2/8	Roads 726 – 231 intersection	Border crossing point -Gibina 46.520049, 16.314504	3 km	public road	asphalt	231		***
S2/9	Border crossing point -Gibina	Sveti Martin na Muri, intersection of roads nr. 2003 and 2245 46.525034, 16.362479	4,12 km	public road	asphalt	2003		***
S2/10	Sveti Martin na Muri, intersection of roads nr. 2003 and 2245	Mura bridge (Hotiza) 46.534926, 16.360229	1,16 km	public road	asphalt	2245		***
S2/11	Mura bridge (Hotiza)	Žabnik 46.530473, 16.380588	1,70 km		gravel			***
S2/12	Žabnik	Hlapičina 46.522314, 16.402776	2,72 km	municipality roads	asphalt			***
S2/13	Hlapičina	Mursko Središće- west	3,03 km		gravel			**

		46.519594, 16.424787						
S2/14	Mursko Središće-west	Mursko Središće- west, start of asphalt 46.518901, 16.427667	0,24 km	municipality road	gravel			***
S2/15	Mursko Središće-west, start of asphalt	Mursko Središće, promenade 46.51632, 16.43476	0,61 km	municipality roads	asphalt			***
DETOURS								
S2/D1	Dolnje Krapje, intersection to river viewpoint	River viewpoint and ferry 46.579173, 16.205784	1,75 km		gravel			**
S2/D2	Mota, intersection to ferry	Mota, ferry 46.549596, 16.243514	1,32 km		gravel			***
S2/D3	Road 726 intersection-1	Mura bridge, Gornja Bistrica 46.538993, 16.273002	1,43 km		asphalt	726		***
S2/D4	Mura bridge (Hotiza) 46.534926, 16.360229	Border (Slovenia- Croatia)- Hotiza 46.540656, 16.358434	0,68 km	public road	asphalt	2245		***

7. Table: Subsections of S2 stage




#### 4.2.5. Implemented infrastructure

Two large info boards have been placed at the two stage points. The one in Mursko Središće at the promenade along Mura is equipped with bench and bicycle racks. No other type of elements.

Stage S2 is signposted with total number of 70 signs, 32 in Slovenia, and 38 in Croatia.

Stage S2				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S2	46.580366	16.164572	Veržej, Slovenia
	no photo available			
2.	Large info board, end point of stage S2	46.51632	16.43476	Mursko Središće, Croatia
	no photo available			

8. Table: Installed infrastructure elements along stage S2

<i>image</i>	<i>direction</i>	<i>number</i>
	right	16
	left	17
	straight	5
<b>Total number of road signs:</b>		<b>38</b>

9. Table: Number of the placed signs on the Croatian part of stage S2

<b>Stage S2 – road signs</b>			
<i>Nr.</i>	<i>Direction</i>	<i>Latitude (in google map form)</i>	<i>Longitude (in google map form) Information</i>
<b>Slovenia</b>			
1.	straight	46.572561	16.168867
2.	straight	46.572650	16.169409
3.	straight	46.573001	16.180619
4.	straight	46.572800	16.180874
5.	straight	46.561800	16.197681
6.	straight	46.562081	16.197638
7.	straight	46.554401	16.201070
8.	straight	46.554639	16.200861
9.	straight	46.551312	16.207771
10.	straight	46.551428	16.207353
11.	straight	46.554385	16.215553
12.	straight	46.554420	16.215263
13.	straight	46.547892	16.226308
14.	straight	46.547796	16.226307
15.	straight	46.542053	16.234315

16.	straight	46.542280	16.234167
17.	straight	46.532770	16.252405
18.	straight	46.532932	16.252000
19.	left	46.526902	16.275634
20.	right	46.527143	16.275188
21.	straight	46.522100	16.278409
22.	straight	46.521693	16.279045
23.	right	46.521689	16.278487
24.	left	46.521689	16.278487
25.	straight	46.519608	16.280898
26.	straight	46.519807	16.280775
27.	straight	46.519586	16.290913
28.	straight	46.519589	16.290517
29.	straight	46.520167	16.300531
30.	straight	46.520265	16.300993
31.	straight	46.520519	16.306939
32.	straight	46.520629	16.306818
<b>Croatia</b>			
33.	straight	46.519.989	16.315.392
34.	straight	46.520.158	16.316.556
35.	left	46.524.906	16.362.302
36.	right	46.525.320	16.362.019
37.	right	46.534.547	16.360.340
38.	left	46.535.102	16.360.356
39.	left	46.529.691	16.380.702
40.	right	46.529.667	16.380.511
41.	left	46.528.680	16.381.885
42.	right	46.528.879	16.382.057
43.	left	46.529.041	16.384.145
44.	right	46.529.093	16.384.711
45.	right	46.524.884	16.395.450
46.	left	46.524.837	16.395.746
47.	left	46.523.638	16.395.491
48.	right	46.523.397	16.396.024
49.	left	46.523.508	16.400.740
50.	right	46.523.697	16.400.897
51.	left	46.522.633	16.402.886
52.	right	46.522.254	16.402.784
53.	left	46.522.113	16.403.872
54.	right	46.522.113	16.403.872
55.	left	46.523.513	16.410.657
56.	right	46.523.513	16.410.657
57.	right	46.525.229	16.410.336



58.	left	46.525.229	16.410.336
59.	left	46.525.421	16.412.932
60.	right	46.525.421	16.412.932
61.	right	46.528.846	16.413.656
62.	left	46.528.846	16.413.656
63.	straight	46.523.375	16.425.517
64.	left	46.523.375	16.425.517
65.	left	46.519.764	16.424.727
66.	right	46.519.593	16.425.128
67.	left	46.519.431	16.426.085
68.	straight	46.519.421	16.426.680
69.	straight	46.518.511	16.428.450
70.	right	46.518.312	16.428.957

*10. Table: Locations of the signs along stage S2*

### 4.3. S3 Mursko Središće (HR) - Donji Vidovec (HR)

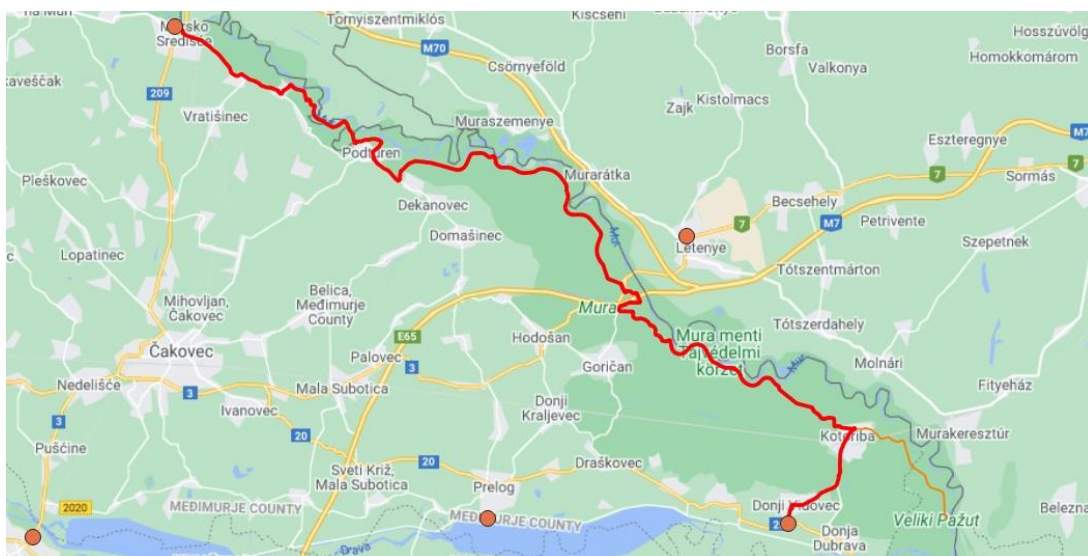
#### 4.3.1. Basic information

**Start point of the daily stage:** Mursko Središće, promenade along Mura river, Matije Gupca 31-39, HR – 40315 (coordinates: 46.51632, 16.43476)

**End point of the daily stage:** Donji Vidovec (Croatia), Pansion Golf, HR- 40327 Glavna 79 (coordinates 46.32251, 16.78105)

**Length of the daily stage:** 62,18 km (43,58 km - 70 % is unpaved)

**Length of the detour(s):** 6,57 km (5,6 km – 85 % is unpaved)



3. Figure: Map of stage S3, Mursko Središće - Donji Vidovec

#### 4.3.2. Changes compared to the route plan

The stage is affected by a small-scale route change since the reconstruction of the destroyed bridge over the Trnava creek east of Goričan is still not happened. Therefore, the route has to go in another direction to cross over the creek. This change results a 2 km extension of the total stage length.

Besides this, due to the high risk or occasional floods and possible human made damage, the regional coordinator decided to relocate a bicycle repair stand from Veliki Pažut. The new location is Donji Vidovec, where the large info board can be found.

#### 4.3.3. Short summary of the stage

Daily stage S3 is a very nature close stage crossing the basins of Mura and Drava River in the territory of Međimurje County. The trail goes through the protected area of Regional Park Mura-Drava which is also a protected landscape of the Mura River. The stage starts in the city center of Mursko Središće and ends in Donji Vidovec near the Pansion Golf facility, in the vicinity of Drava River. Almost the entire route stays close to

nature which means on the other hand that significant part of the roads has unpaved surface. The route uses unclassified roads on embankments or runs directly on the riverside with negligible traffic or without any traffic at all. Quality level of these macadam roads are good in all weather conditions, but appropriately equipped bicycles fit for gravel surface are strongly recommended.

#### 4.3.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S3/1	Mursko Središće, promenade 46.51632, 16.43476	Križovec, crossroads with the small chapel 46.489757, 16.494439	5,89 km	public road	asphalt	2003		***
S3/2	Križovec, crossroad with the small chapel	Križovec, riverside 46.493767, 16.499545	0,62 km	municipality road	asphalt			***
S3/3	Križovec, riverside	Ferketinec, crossing point 46.477003, 16.523079	3,17 km		macadam			**
S3/4	Ferketinec, crossing point	Podturen, embankment-1 46.472049, 16.543850	3,72 km		macadam			***
S3/5	Podturen, embankment-1	Podturen, embankment-2 46.469020, 16.549557	1,36 km		dirt, gravel			**
S3/6	Podturen, embankment-2	Podturen, crossroads at the church 46.464682, 16.546623	0,91 km	municipality roads	asphalt			***
S3/7	Podturen, crossroads at the church	Crossroads near Novakovec 46.455961, 16.561097	2,17 km	public road	asphalt	2003		***
S3/8	Crossroads near Novakovec	Dekanovec, road to the riverbank-1 46.465177, 16.612394	7,2 km		gravel			**
S3/9	Dekanovec, road to the riverbank-1	Dekanovec, road to the riverbank-2 46.463153, 16.615355	0,78 km		dirt			**
S3/10	Dekanovec, road to the riverbank-2	End of the embankment 46.423449, 16.676667	11,79 km		gravel			**

S3/11	End of the embankment	Goričan border crossing -1 46.412636, 16.689189	1,82 km		gravel			**
S3/12	Goričan border crossing -1	Goričan border crossing -2 46.413472, 16.689544	0,1 km	public road	asphalt	D3		***
S3/13	Goričan border crossing -2	Restaurant Zelengaj 46.412296, 16.693873	0,36 km		asphalt			***
S3/14	Restaurant Zelengaj	Embankment crossing, after the highway bridge 46.408840, 16.697739	0,6 km		gravel			**
S3/15	Embankment crossing, after the highway bridge	Intersection road nr. 2026 46.405478, 16.685496	1,15 km		gravel			**
S3/16	Intersection road nr. 2026	Trnava creek bridge 46.393674, 16.712763	2,92 km		gravel			**
S3/17	Trnava creek bridge	Alternative route connection 46.392164, 16.727277	1,61 km		gravel			***
S3/18	Alternative route connection	Crossroad - Embankment road and road to Kotoriba 46.376183, 16.776010	4,8 km		gravel			***
S3/19	Crossroad - Embankment road and road to Kotoriba	Start of asphalt road near Kotoriba 46.367762, 16.795133	2,66 km		gravel			***
S3/20	Start of asphalt road near Kotoriba	Kotoriba 46.359635, 16.819921	2,59 km	public road	asphalt	20066		***
S3/21	Kotoriba	Donji Vidovec, Hotel Golf 46.322591, 16.780914	5,96 km	public roads	asphalt	20045, 2040		***
<b>DETOURS</b>								
S3/D1-1	Kotoriba	Kotoriba, end of settlement 46.357716, 16.830807	0,97 km	public road, municipality road	asphalt	20045		***
S3/D1-2	Kotoriba, end of settlement	Start of embankment, east of Kotoriba	1,45 km		dirt			***

		46.354842, 16.846965					
S3/D1-3	Start of embankment, east of Kotoriba	End of embankment, Veliki Pažut 46.325729, 16.869864	4,02 km	embankment	dirt		**
S3/D1-4	End of embankment, Veliki Pažut	Veliki Pažut, Mura river 46.325239, 16.871171	0,13 km		dirt		**

11. Table: Subsections of S3 stage

### 4.3.5. Implemented infrastructure

Regarding stage S3 the following elements have been implemented:

- two large info boards with bench and a bicycle rack in the stage points (Mursko Središće, Donji Vidovec)
- two small info boards and a bicycle rack
- resting point with info panel, bench, and bicycle rack
- road (direction) signs

Regarding stage S3 the number of placed direction signs is 129.

The design and the content of the signs are in accordance with the Croatian and the AoE BT standards as well. All signs are same dimensions, 30 x 30 cm.

Depending on the location, one, two or three logos have been put onto each sign. According to the national regulation the EuroVelo logo is under the number of the related national cycle route (where it is relevant), while the third type is the relevant variant of the Amazon of Europe Bike Trail product logo that has been inserted into every sign. We had to use the Discover Mura, Discover Drava and the AoE BT logos.






4-5. Figures: Road signs in Međimurje County, Croatia



Stage S3				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S3	46.51632	16.43476	Mursko Središće
No photo available				
2.	Small info board with bicycle rack	46.46581	16.61411	Dekanovec
				
3.	Resting place	46.32527	16.87102	Veliki Pažut
				
4.	Small info board with bicycle rack	46.36649	16.79607	Kotoriba
No photo available				
5.	Large info board, end point of stage S3 (with bicycle rack and bike repair stand)	46.32251	16.78105	Donji Vidovec
				

12. Table: Installed infrastructure elements along stage S3

<i>image</i>	<i>direction</i>	<i>number</i>
	right	40
	left	39
	straight	50
<b>Total number of road signs:</b>		<b>129</b>

13. Table: Number and direction of the used signs along stage S3

<b>Stage S3 – road signs</b>					
<i>nr.</i>	<i>coordinates of the location</i>		<i>type of the sign (direction)</i>	<i>content</i>	
	<i>x</i>	<i>y</i>		<i>text</i>	<i>logo(s)</i>
1	46.516037	16.434684	small (left)		AoE BT
2	46.515950	16.435226	small (straight)	Sv. Martin na Muri	AoE BT
3	46.513750	16.438627	small (left)	Kotoriba	AoE BT
4	46.513635	16.438763	small (right)	Sv. Martin na Muri	AoE BT
5	46.513388	16.439200	small (straight)	Kotoriba	AoE BT
6	46.512986	16.440276	small (straight)		AoE BT
7	46.511662	16.444772	small (straight)	Kotoriba	AoE BT
8	46.511590	16.445918	small (straight)	Sv. Martin na Muri	AoE BT
9	46.490170	16.493843	small (left)	Kotoriba	AoE BT
10	46.490259	16.494786	small (right)	Mursko Središće	AoE BT
11	46.490930	16.495448	small (right)	Kotoriba	AoE BT

12	46.491400	16.495945	small (left)	Mursko Središće	AoE BT
13	46.493810	16.499644	small (right)	Kotoriba	AoE BT
14			small (left)	Mursko Središće	AoE BT
15	46.487012	16.508972	small (left)	Kotoriba	AoE BT
16			small (right)	Mursko Središće	AoE BT
17	46.487998	16.510026	small (right)	Kotoriba	AoE BT
18			small (left)	Mursko Središće	AoE BT
19	46.485627	16.513776	small (right)	Kotoriba	AoE BT
20			small (left)	Mursko Središće	AoE BT
21	46.482815	16.512688	small (left)	Kotoriba	AoE BT
22			small (right)	Mursko Središće	AoE BT
23	46.480434	16.514819	small (straight)	Kotoriba	AoE BT
24			small (straight)	Mursko Središće	AoE BT
25	46.477039	16.523065	small (left)	Kotoriba	AoE BT
26			small (right)	Mursko Središće	AoE BT
27	46.479494	16.530463	small (right)	Kotoriba	AoE BT
28			small (left)	Mursko Središće	AoE BT
29	46.470635	16.536298	small (left)	Kotoriba	AoE BT
30			small (right)	Mursko Središće	AoE BT
31	46.472017	16.543600	small (left)	Kotoriba	AoE BT
32			small (right)	Mursko Središće	AoE BT
33	46.472389	16.544363	small (right)	Kotoriba	AoE BT
34			small (left)	Mursko Središće	AoE BT
35	46.471444	16.551063	small (right)	Kotoriba	AoE BT
36			small (left)	Mursko Središće	AoE BT
37	46.468957	16.549713	small (left)	Mursko Središće	AoE BT
38	46.468953	16.549100	small (left)	Mursko Središće	AoE BT
39			small (right)	Kotoriba	AoE BT
40	46.468929	16.548778	small (left)	Kotoriba	AoE BT
41	46.467204	16.546078	small (left)	Kotoriba	AoE BT
42			small (right)	Mursko Središće	AoE BT

43	46.464996	16.546654	small (left)	Kotoriba	AoE BT
44	46.464715	16.546535	small (right)	Mursko Središće	AoE BT
45	46.456250	16.560385	small (left)	Kotoriba	AoE BT
46	46.456041	16.561135	small (right)	Mursko Središće	AoE BT
47	46.460056	16.562209	small (straight)	Kotoriba	AoE BT
48			small (left)	Mursko Središće	AoE BT
49	46.463311	16.577614	small (straight)	Kotoriba	AoE BT
50			small (straight)	Mursko Središće	AoE BT
51	46.461279	16.589290	small (straight)	Kotoriba	AoE BT
52			small (straight)	Mursko Središće	AoE BT
53	46.460680	16.592485	small (straight)	Kotoriba	AoE BT
54			small (straight)	Mursko Središće	AoE BT
55	46.463651	16.600023	small (straight)	Kotoriba	AoE BT
56			small (straight)	Mursko Središće	AoE BT
57	46.466830	16.605086	small (left)	Kotoriba	AoE BT
58			small (straight)	Mursko Središće	AoE BT
59	46.465162	16.612489	small (left)	Kotoriba	AoE BT
60			small (right)	Mursko Središće	AoE BT
61	46.463169	16.615470	small (left)	Kotoriba	AoE BT
62			small (right)	Mursko Središće	AoE BT
63	46.459496	16.636425	small (straight)	Kotoriba	AoE BT
64			small (straight)	Mursko Središće	AoE BT
65	46.460669	16.645029	small (straight)	Kotoriba	AoE BT
66			small (straight)	Mursko Središće	AoE BT
67	46.457272	16.653171	small (straight)	Kotoriba	AoE BT
68			small (straight)	Mursko Središće	AoE BT
69	46.450236	16.656788	small (straight)	Kotoriba	AoE BT
70			small (straight)	Mursko Središće	AoE BT
71	46.446880	16.655498	small (right)	Kotoriba	AoE BT
72			small (straight)	Mursko Središće	AoE BT
73	46.446700	16.655118	small (straight)	Kotoriba	AoE BT

74			small (right)	Mursko Središće	AoE BT
75	46.440204	16.670642	small (straight)	Kotoriba	AoE BT
76			small (straight)	Mursko Središće	AoE BT
77	46.430309	16.673122	small (straight)	Kotoriba	AoE BT
78			small (straight)	Mursko Središće	AoE BT
79	46.423421	16.676754	small (right)	Kotoriba	AoE BT
80			small (left)	Mursko Središće	AoE BT
81	46.419272	16.678763	small (straight)	Kotoriba	AoE BT
82			small (straight)	Mursko Središće	AoE BT
83	46.412834	16.688649	small (right)	Mursko Središće	AoE BT
84	46.412680	16.689018	small (straight)	Kotoriba	AoE BT
85	46.412646	16.689384	small (right)	Mursko Središće	AoE BT
86	46.412989	16.689904	small (right)	Kotoriba	AoE BT
87	464.132666	16.690402	small (left)	Mursko Središće	AoE BT
88	46.412685	16.695353	small (right)	Kotoriba	AoE BT
89			small (left)	Mursko Središće	AoE BT
90	46.409029	16.697598	small (right)		AoE BT
91	46.408722	16.697198	small (left)	Mursko Središće	AoE BT
92	46.405662	16.685620	small (left)	Kotoriba	AoE BT
93	46.405438	16.685923	small (right)	Mursko Središće	AoE BT
94	46.392160	16.727358	small (straight)	Kotoriba	AoE BT
95			small (straight)	Mursko Središće	AoE BT
96	46.376159	16.776042	small (right)	Kotoriba	AoE BT
97			small (left)	Mursko Središće	AoE BT
98	46.367773	16.795199	small (right)	Prelog, Koprivnica	AoE BT
99			small (left)	Mursko Središće	AoE BT
100	46.360026	16.810775	small (left)	Prelog, Koprivnica	AoE BT
101	46.360004	16.811232	small (right)	Mursko Središće	AoE BT
102	46.359841	16.814001	small (straight)	Prelog, Koprivnica	AoE BT
103	46.359888	16.814590	small (straight)	Mursko Središće	AoE BT
104	46.359530	16.817266	small (straight)	Prelog, Koprivnica	AoE BT



105	46.359613	16.817589	small (straight)	Mursko Središće	AoE BT
106	46.359733	16.819774	small (right)	Prelog	AoE BT
107	46.359501	16.819623	small (left)	Mursko Središće	AoE BT
108	46.359541	16.820977	small (straight)	Prelog, Mursko Središće	AoE BT
109	46.359183	16.828444	small (right)		Discover Mura
110	46.359053	16.829023	small (left)	Prelog, Mursko Središće	AoE BT
111	46.358019	16.830080	small (left)		Discover Mura
112	46.357836	16.830557	small (straight)		Discover Mura
113			small (straight)	Prelog, Mursko Središće	AoE BT
114	46.355447	1.683380	small (left)		Discover Mura
115			small (right)	Kotoriba	AoE BT
116	46.356408	16.838153	small (right)		Discover Mura
117			small (straight)	Kotoriba	AoE BT
118	46.355075	16.841014	small (straight)		Discover Mura
119			small (straight)	Kotoriba	AoE BT
120	46.354819	16.847013	small (right)		Discover Mura
121			small (left)	Kotoriba	AoE BT
122	46.325745	16.869848	small (left)		Discover Mura
123			small (right)	Kotoriba	AoE BT
124	46.354691	16.813349	small (straight)	Prelog, Koprivnica	AoE BT
125	46.352482	16.812075	small (straight)	Mursko Središće	AoE BT
126	46.339419	16.809313	small (straight)	Prelog, Koprivnica	AoE BT
127	46.337139	16.808148	small (straight)	Kotoriba	AoE BT
128	46.323689	16.780336	small (right)	Prelog, Koprivnica	AoE BT
129	46.322670	16.781861	small (right)	Prelog, Kotoriba	AoE BT

14. Table: Locations and other features of the signs along stage S3

## 4.4. S4 Donji Vidovec (HR) – Varaždin (HR)

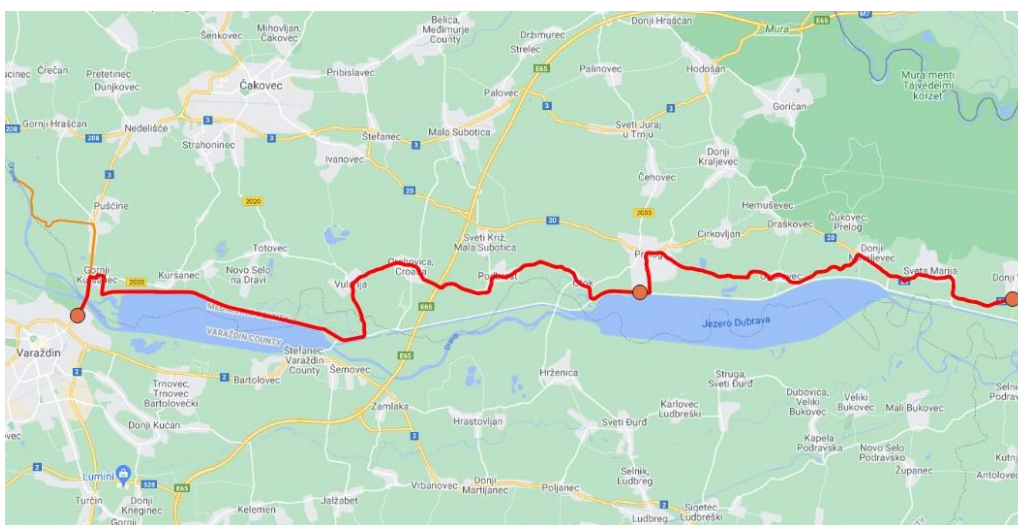
### 4.4.1. Basic information

**Start point of the daily stage:** Donji Vidovec (Croatia), Pansion Golf, HR- 40327, Glavna 79 (coordinates 46.32251, 16.78105)

**End point of the daily stage:** Varaždin, HR – 40000, Međimurska ulica, after Drava bridge. (coordinates: 46.31740, 16.35413)

**Length of the daily stage:** 43,14 km (16,44 km - 38 % is unpaved)

**Length of the detour(s):** 5,88 km (3,87 km - 66 % is unpaved)



6. Figure: Map of stage S4, Donji Vidovec - Varaždin

### 4.4.2. Changes compared to the route plan

The route of stage S4 basically remained the same as it was written in the plans, excepting a 0,25 km extension due to the new spot of the stage end point.

The location of a bicycle repair stand planned to be placed together with the resting place in Gornji Hrašćan has been modified. The reason of the modification was the high the risk floods and possible damage by humans. In order to protect the tools and the stand itself from the negative effects, it has been relocated next to the large info board and bike rack, in the park at the front of restaurant/caffe Marina in Prelog. Since that place is technically the end point of S5 and start point S6, it will be listed there.

### 4.4.3. Short summary of the stage

S4 stage runs along the north side of Drava river next to two reservoirs – Lake Dubrava and Lake Varaždin. Besides the low share of asphalted roads, this stage contains a considerable amount of unpaved sections as well (16,44 km; 38 %) and partly follows the already existing bike routes in the region (Drava route R1; R3 CIAN, state bike road DG6). The daily stage shows many riverside areas, it fulfils both the rideability and safety criteria of the methodology and its length – including the detour – can be easily completed in one day.

#### 4.4.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S4/1	Donji Vidovec, Hotel Golf 46.322636, 16.781094	Donji Mihaljevec 46.336640, 16.710711	6,52 km	public road	asphalt	D20		***
S4/2	Donji Mihaljevec	Oporovec, east 46.327791, 16.684045	2,55 km	unclassified roads	gravel			*
S4/3	Oporovec, east	Oporovec, west 46.328883, 16.670448	1,19 km	municipality roads	asphalt			***
S4/4	Oporovec, west	Prelog, east 46.334135, 16.626966	3,66 km	unclassified road	gravel			**
S4/5	Prelog, east	Prelog, crossroads Glavna ul. and Sajmišna ul. 46.337117, 16.614284	1,09 km	municipality roads, shared bicycle/pedestrian path	asphalt			***
S4/6	Prelog, crossroads Glavna ul. and Sajmišna ul.	Prelog, south 46.324485, 16.615536	1,45 km	shared bicycle/pedestrian path	asphalt			**
S4/7	Prelog, south	Crossroads: road 20039 and road to Otok 46.322585, 16.590287	2 km	public road	asphalt	20039		***
S4/8	Crossroads: road 20039 and road to Otok	Vularija, Zrinskih street 46.324537, 16.480052	10,78 km	public roads, municipality roads	asphalt	2033, 2055, 20037		***
S4/9	Vularija, Zrinskih street	Crossroads of road to Vularija and road nr. 2022 46.310752, 16.485215	1,63 km	unclassified road	gravel			*
S4/10	Crossroads of road to Vularija and road nr. 2022	Road crossing north of the embankment 46.310254, 16.473982	0,95 km	public road	asphalt	2022		***
S4/11	Road crossing north of the embankment	End of embankment, south of Gornji Kuršanec	8,6 km		gravel			***

		46.329095, 16.372142						
S4/12	End of embankment, south of Gornji Kuršanec	D3 crossing in Gornji Kuršanec 46.329576, 16.359977	1,25 km	municipality roads, public road	asphalt	2020		***
S4/13	D3 crossing in Gornji Kuršanec	Varaždin, Međimurska ulica 46.31740, 16.35413	1,47 km	bicycle lane	asphalt	D3		***
<b>DETOUR</b>								
S4/D1- 1	D3 crossing in Gornji Kuršanec	Pušćine 46.346203, 16.361589	1,87 km	bicycle lane	asphalt	D3		***
S4/D1- 2	Pušćine	Pušćine, end of the settlement 46.346308, 16.359643	0,14 km	municipality road	asphalt			***
S4/D1- 3	Pušćine, end of the settlement	Drava river access 46.359727, 16.327066	3,87 km	unclassified road	gravel, dirt			**

15. Table: Subsections of S4 stage

#### 4.4.5. Implemented infrastructure

One large info board together with a bench, bicycle racks and bicycle repair stand have been placed at the start point of stage S4 Donji Vidovec. It is planned to be installed a large info board at the other stage point Varaždin. At the time of the preparation of this report there is no evidence that this implementation is completed. Besides the info boards, a resting place also has been installed at the shore of "Old" Drava in Gornji Hrašćan, including an info panel and bicycle rack as well.

Regarding stage S4 the number of placed direction signs is 73.



The design and the content of the signs are in accordance with the Croatian and the AoE BT standards as well. All signs are same dimensions, 30 x 30 cm.

Depending on the location, one, two or three logos have been put onto each sign. According to the national regulation the EuroVelo logo is under the number of the related national cycle route (where it is relevant), while the third type is the relevant variant of the Amazon of Europe Bike Trail product logo that has been inserted into every sign. We had to use the Discover Mura, Discover Drava and the AoE BT logos.





7-8. Figures: signposts along the route in Međimurje County, Croatia

Stage S4				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S4	46.32251	16.78105	Donji Vidovec
				
2.	Resting place with bike rack	46.36003	16.32674	Gornji Hrašćan
				

16. Table: the placed out infrastructure elements along stage S4



Stage S4					
nr.	coordinates of the location		type of the sign (direction)	content	
	x	y		text	logo(s)
1	46.322042	16.778071	small (right)	Koprivnica	AoE BT
2			small (left)	Kotoriba	AoE BT
3	46.329658	16.752508	small (straight)	Prelog	AoE BT
4	46.336571	16.711111	small (left)	Prelog	AoE BT
5	46.335956	16.710285	small (right)	Koprivnica, Kotoriba	AoE BT
6	46.334465	16.709000	small (left)	Prelog	AoE BT
7			small (straight)	Koprivnica, Kotoriba	AoE BT
8	46.331421	16.696452	small (straight)	Prelog	AoE BT
9			small (left)	Koprivnica, Kotoriba	AoE BT
10	46.327808	16.684170	small (straight)	Prelog	AoE BT
11			small (left)	Koprivnica, Kotoriba	AoE BT
12	46.330194	16.675109	small (left)	Prelog	AoE BT
13	46.330388	16.674215	small (right)	Prelog	AoE BT
14	46.330306	16.674209	small (straight)		AoE BT
15	46.329089	16.671139	small (right)	Prelog	AoE BT
16	46.328922	16.670314	small (left)	Koprivnica, Kotoriba	AoE BT
17	46.329987	16.652213	small (right)		AoE BT
18			small (straight)		AoE BT
19	46.337217	16.620574	small (left)	Varaždin	AoE BT
20	46.337093	16.619749	small (right)	Koprivnica, Kotoriba	AoE BT
21	46.337138	16.615845	small (left)	Varaždin	AoE BT
22	46.336136	16.613994	small (right)	Koprivnica, Kotoriba	AoE BT
23	46.331684	16.614493	small (right)	Varaždin	AoE BT
24	46.330887	16.614998	small (straight)	Koprivnica, Kotoriba	AoE BT
25	46.324997	16.615493	small (right)	Varaždin	AoE BT
26	46.324460	16.613722	small (left)	Prelog	AoE BT

27	46.322898	16.590846	small (right)	Varaždin	AoE BT
28	46.322712	16.590740	small (straight)	Prelog	AoE BT
29	46.323054	16.588764	small (right)	Varaždin	AoE BT
30	46.323723	16.588332	small (left)	Prelog	AoE BT
31	46.325852	16.588260	small (left)	Varaždin	AoE BT
32	46.326204	16.587872	small (right)	Prelog	AoE BT
33	46.328052	16.582930	small (right)	Varaždin, Čakovec	AoE BT
34	46.328930	16.581683	small (left)	Prelog	AoE BT
35	46.329515	16.544296	small (left)	Varaždin, Čakovec	AoE BT
36	46.327918	16.543484	small (right)	Prelog	AoE BT
37	46.331072	16.510600	small (right)	Varaždin, Čakovec	AoE BT
38	46.331739	16.509987	small (straight)	Prelog	AoE BT
39	46.332733	16.508949	small (left)	Varaždin, Čakovec	AoE BT
40	46.332867	16.508132	small (right)	Prelog	AoE BT
41	46.333272	16.506483	small (right)	Varaždin, Čakovec	AoE BT
42	46.333306	16.504688	small (left)	Prelog	AoE BT
43	46.327374	16.479813	small (left)	Varaždin	AoE BT
44	46.326475	16.479767	small (right)	Prelog	AoE BT
45	46.324755	16.480059	small (left)	Varaždin	AoE BT
46	46.324243	16.480027	small (straight)	Prelog	AoE BT
47	46.310919	16.485123	small (right)	Varaždin	AoE BT
48	46.310492	16.483969	small (left)	Prelog	AoE BT
49	46.310107	16.474373	small (right)	Varaždin	AoE BT
50	46.310691	16.472666	small (straight)	Prelog	AoE BT
51	46.323985	16.365266	small (right)	Varaždin	AoE BT
52			small (left)	Prelog	AoE BT
53	46.329326	16.366363	small (left)	Varaždin	AoE BT
54	46.329867	16.365684	small (right)	Prelog	AoE BT
55	46.330145	16.363924	small (left)	Varaždin	AoE BT
56	46.329949	16.363325	small (right)	Prelog	AoE BT

57	46.329358	16.363098	small (right)	Varaždin	AoE BT
58	46.329191	16.362840	small (left)	Prelog	AoE BT
59	46.329622	16.360009	small (left)	Varaždin	AoE BT
60			small (right)	Prelog	AoE BT
61	46.329898	16.359824	small (left)	Prelog	AoE BT
62	46.345535	16.361758	small (left)		Discover Drava
63	46.346199	16.360964	small (right)	Varaždin, Prelog	AoE BT
64	46.346359	16.359492	small (straight)		Discover Drava
65			small (straight)	Varaždin, Prelog	AoE BT
66	46.346879	16.340320	small (left)		Discover Drava
67			small (right)	Varaždin, Prelog	AoE BT
68	46.347400	16.337865	small (right)		Discover Drava
69			small (left)	Varaždin, Prelog	AoE BT
70	46.353252	16.332992	small (right)		Discover Drava
71			small (left)	Varaždin, Prelog	AoE BT
72	46.360051	16.326885	small (left)		Discover Drava
73			small (straight)	Varaždin, Prelog	AoE BT

17. Table: Locations of the signposts along stage S4

## 4.5. S5 Varaždin (HR) – Prelog (HR)

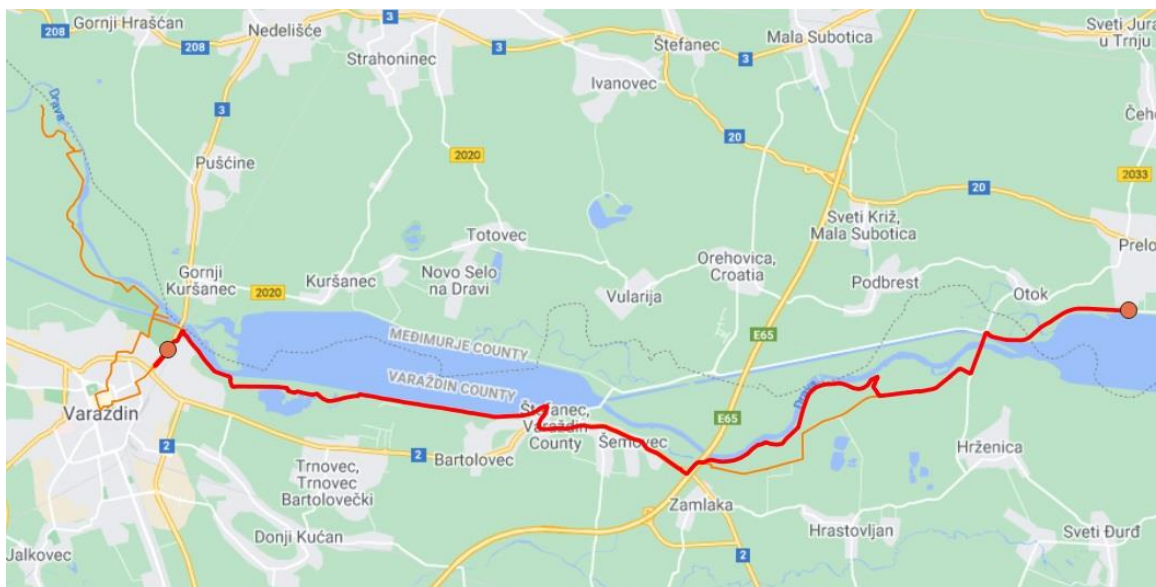
### 4.5.1. Basic information

**Start point of the daily stage:** Varaždin, HR – 40000, Međimurska ulica, after Drava bridge. (Coordinates: 46.31740, 16.35413)

**End point of the daily stage:** Prelog, Marina. Coordinates: 46.323575, 16.605011

**Length of the daily stage:** 24,59 km (13,68 km – 56 % is unpaved)

**Length of detour(s):** 12,43 km (8,28 km – 66 % is unpaved)



9. Figure: Map of S5 stage, Varaždin - Prelog

### 4.5.2. Changes compared to the route plan

There is no information about any changes regarding the route.

A bicycle repair stand has been relocated from Gornji Hrašćan to Prelog. The reason of the change was the high risk of floods and possible damages by humans at its originally planned place.

### 4.5.3. Short summary of the stage

The route was defined considering safety and nature attraction aspects at the same time. Most of the stage is traffic-free or goes on roads where the number of motorized vehicles is up to 500 per day and the speed limit is up to 50 km/h. The route closely follows river Drava all along the stage and runs on the lakesides of Varaždin and Dubrava lakes. Because of the shorter total length of the main route, all detours within this stage can be easily included in a daily itinerary of an average cyclist. Detours provide possibility to explore charming nature sites north of Varaždin along river Drava, as well as cultural values of the city of Varaždin by bicycle.

#### 4.5.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S5/1	Varaždin, Međimurska ulica 46.31740, 16.35413	Varaždin, Međimurska ulica, south of the bridge 46.319113, 16.355929		bicycle lane	asphalt			***
S5/2	Varaždin, Međimurska ulica, south of the bridge	Varaždin, railway bridge, 46.320969, 16.358337	1,40 km		asphalt			***
S5/3	Varaždin, railway bridge	Recycling Yard Varaždin 46.311720, 16.371103	1,43 km		gravel			**
S5/4	Recycling Yard Varaždin	Motičnjak lake 46.310331, 16.386457	1,27 km		asphalt			***
S5/5	Motičnjak lake	Aquacity 46.309337, 16.394199	0,68 km		gravel			***
S5/6	Aquacity	North of Trnovec 46.308876, 16.405340	0,92 km		asphalt			***
S5/7	North of Trnovec	Štefanec north 46.306974, 16.455883	4,04 km		gravel			**
S5/8	Štefanec north	Štefanec, road D2 intersection 46.303120, 16.453424	0,16 km	municipality road	asphalt			***
S5/9	Štefanec, road D2 intersection	End of bicycle lane 46.295696, 16.490537	3,13 km	bicycle lane	asphalt	D2		***
S5/10	End of bicycle lane	D2 bridge over A4 highway 46.295340, 16.491708	0,06 km	public road	asphalt	D2		***
S5/11	D2 bridge over A4 highway	Start of gravel surface near A4 highway 46.294515, 16.493049	0,13 km		asphalt			***
S5/12	Start of gravel surface near A4 highway	Main route, alternative route intersection-1 46.296583, 16.497474	0,43 km		gravel			**




S5/13	Main route, alternative route intersection-1	Main route, alternative route intersection-2 46.308839, 16.544509	5,02 km	forest roads	gravel			**
S5/14	Main route, alternative route-2	Road nr. 2033 intersection, north of Hrženica 46.312985, 16.569086	2,08 km		gravel			**
S5/15	Road nr. 2033 intersection, north of Hrženica	Intersection of roads nr. 2033 and 20039 (roundabout) 46.320483, 16.573105	0,91 km	public road	asphalt	2033		***
S5/16	Intersection of roads nr. 2033 and 20039 (roundabout)	Prelog, Marina 46.323575, 16.605011	2,68 km	public road	asphalt	20039		***
<b>DETOURS</b>								
S5/D1-1	Međimurska ulica 46.314473, 16.350825	Varaždin, intersection of Ul. Julija Merlića - Ul. Petra Krešimira IV 46.309384, 16.347004	0,78 km	bicycle lane (pedestrian/bicycle path - partly)	asphalt			***
S5/D1-2	Varaždin, intersection of Ul. Julija Merlića - Ul. Petra Krešimira IV	Varaždin, intersection of Ul. Petra Krešimira IV - Ul. Petra Preradovića 46.307944, 16.340837	0,49 km	pedestrian/bicycle path	asphalt			***
S5/D1-3	Varaždin, intersection of Ul. Petra Krešimira IV - Ul. Petra Preradovića	Varaždin, old town south 46.306264, 16.336430	0,49 km	municipality roads	asphalt,			***
S5/D1-4	Varaždin, old town south	Varaždin, intersection of Bakačeva ul. - Ul. Augusta Šenoje 46.309862, 16.338476	0,64 km	municipality roads	stone cubes (partly gravel)			***
S5/D1-5	Varaždin, intersection of Bakačeva ul. - Ul. Augusta Šenoje	Varaždin, intersection of Dravska ul. – Bombellesova cesta 46.320632, 16.347186	1,67 km	municipality roads	asphalt			***
S5/D1-6	Varaždin, intersection of Dravska ul. – Bombellesova cesta	Varaždin, intersection of Vukovarska ul. –	0,19 km	pedestrian/bicycle path	asphalt			***

		Bombellesova cesta 46.319638, 16.349293						
S5/D1-7	Varaždin, intersection of Vukovarska ul. – Bombellesova cesta	Varaždin, bridge north of Drava forest 46.323219, 16.350379	0,41 km		gravel			***
S5/D2-1	Varaždin, railway bridge, 46.320969, 16.358337	Varaždin, bridge north of Drava forest 46.323219, 16.350379	0,67 km		gravel			***
S5/D2-2	Varaždin, bridge north of Drava forest	Rafting club 46.324025, 16.350712	0,09 km					***
S5/D2-3	Rafting club	Trg Pavla Štoosa 46.329722, 16.340190	1,35 km		gravel			**
S5/D2-3a	Rafting club	River viewpoint – confluence 46.323277, 16.354416	0,29 km		gravel			**
S5/D2-4	Trg Pavla Štoosa	Mid-point 46.340075, 16.328849	1,63 km	embankment	gravel			***
S5/D2-5	Mid-point	Intersection to stop over area 46.354651, 16.328693	2,03 km		dirt			**
S5/D2-6a	Intersection to stop over area	"Cirkovečka" stop over 46.354348, 16.331182	0,26 km		dirt			**
S5/D2-6	Intersection to stop over area	End of detour 46.362470, 16.320662	1,44 km		dirt			**
<b>ALTERNATIVE ROUTE</b>								
S5/A1	Main route, alternative route crossing point-1 46.296583, 16.497474	Main route, alternative route crossing point-2 46.308839, 16.544509	4,49 km		gravel			**

18. Table: Subsections of S5 stage

#### 4.5.5. Implemented infrastructure

A large info boards with bench, bicycle rack and a Mantis service stand has been placed in Prelog at nautical port Marina on Drava river, which is the end point of the stage. Based on the plans, another large info board will be installed in Varaždin, but at the time of the preparation of this report there is no evidence that this implementation is already completed. According to the related elaborate, the County is planned to be signposted by more than 210 direction signs, but not all of them is related to the Amazon of Europe Bike Trail. There is no information about the latest status of the signposting process.

Stage S5				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, end point of stage S5	46.32367	16.60507	Prelog
				

19. Table: Installed large info board in Prelog

## 4.6. S6 Prelog (HR) – Koprivnica (HR)

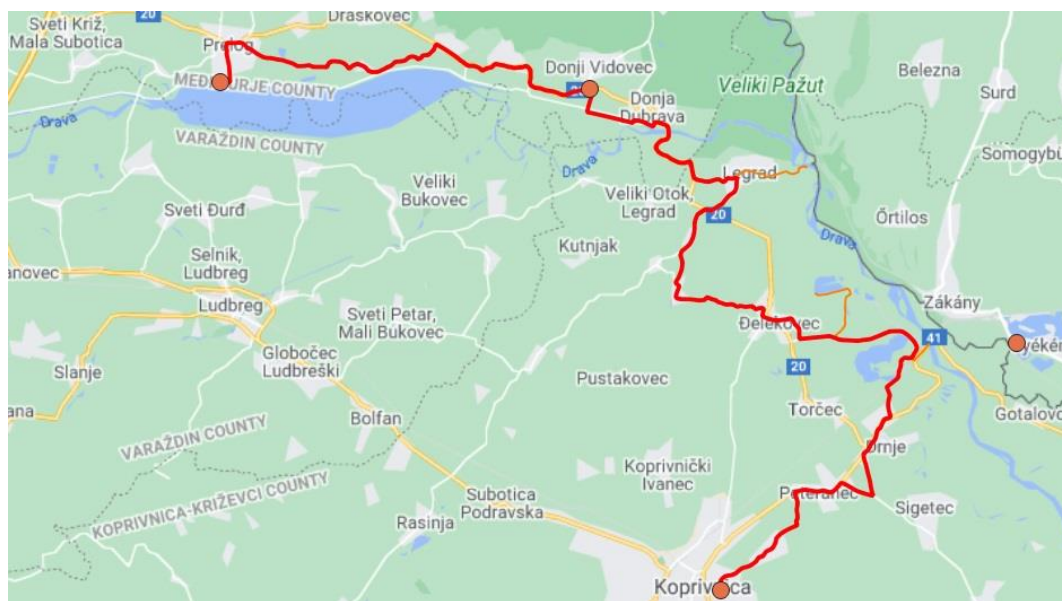
### 4.6.1. Basic information

**Start point of the daily stage:** Prelog, Marina. Coordinates: 46.323575, 16.605011

**End point of the daily stage:** Koprivnica, Gymnasium ‘Fran Galović’. Coordinates: 46.162356, 16.841724

**Length of the daily stage:** 56,43 km (13,46 km – 24 % is unpaved)

**Length of the detour(s):** 6,98 km (4,47 km – 64 % is unpaved)



10. Figure: Map of S6 stage, Prelog - Koprivnica

### 4.6.2. Changes compared to the route plan

A bicycle repair stand has been added to the large info board in Prelog as result of a relocation from Gornji Hrašćan. Other features of the stage have not been changed.

### 4.6.3. Short summary of the stage

Two thirds of the total length of the daily stage belong to Koprivnica Križevci County while the remaining part is in Međimurje County. Majority of the main route (76 %) consists of public roads with asphalted surface, but some sections are unpaved. There are some subsections with unfavorable traffic conditions, but it never exceeds the unacceptable limit. Cyclists can find many viewpoints of Drava within this daily stage, including the confluence of Mura and Drava and numerous beautiful lakes near the river. Besides natural attractions, the stage offers various possibilities to enjoy cultural heritage of the area. The two stage points offer multiple number of bicycle shops, accommodations, restaurants, and other services for cyclists.

#### 4.6.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S6/1	Prelog, Marina 46.323575, 16.605011	Prelog, Zrinskih ul. intersection 46.324468, 16.615580	0,79 km	public road	asphalt	20039		***
S6/2	Prelog, Zrinskih ul. intersection	Prelog, intersection Glavna ul. and Sajmišna ul. 46.337117, 16.614284	1,45 km	shared bicycle/pedestrian path	asphalt			**
S6/3	Prelog, intersection Glavna ul. and Sajmišna ul.	Prelog, east 46.334135, 16.626966	1,09 km	municipality roads, shared bicycle/pedestrian path	asphalt			***
S6/4	Prelog, east	Oporovec west 46.328883, 16.670448	3,66 km		gravel			**
S6/5	Oporovec west	Oporovec, east 46.327791, 16.684045	1,19 km	municipality roads	asphalt			***
S6/6	Oporovec, east	Donji Mihaljevec 46.336640, 16.710711	2,55 km		gravel			*
S6/7	Donji Mihaljevec	Donji Vidovec, Hotel Golf 46.322627, 16.780958	6,52 km	public road	asphalt	D20		***
S6/8	Donji Vidovec, Hotel Golf	Bridge, south of Donji Vidovec 46.314733, 16.780273	1,09 km		asphalt			***
S6/9	Bridge, south of Donji Vidovec	Donja Dubrava, riverside 46.312567, 16.804430	2,14 km		gravel			**
S6/10	Donja Dubrava, riverside	Crossroads of road D20 and gravel road to Legrad 46.293807, 16.829825	4,13 km	public roads	asphalt	20039 and D20		***
S6/11	Crossroads of road D20 and gravel road to Legrad	Legrad, west 46.292627, 16.843201	1,05 km		gravel			*
S6/12	Legrad, west	Legrad, public road nr. 2078 crossroads	0,61 km	municipality roads	asphalt			***

		46.294207, 16.849637						
S6/13	Legrad, public road nr. 2078 crossroads	Crossroads of road nr. 2078 and D20 46.283558, 16.837648	1,6 km	public road	asphalt	2078		***
S6/14	Crossroads of road nr. 2078 and D20	Crossroads of D20 and road nr. 2081 46.284018, 16.835174	0,19 km	public road	asphalt	D20		***
S6/15	Crossroads of D20 and road nr. 2081	Mali Otok, south 46.270677, 16.823978	1,86 km	public road	asphalt	2081		***
S6/16	Mali Otok south	Imbriovec, north 46.260907, 16.821238	1,16 km		gravel			**
S6/17	Imbriovec, north	Imbriovec centre 46.255830, 16.821346	0,65 km	public road	asphalt	26001		***
S6/18	Imbriovec, centre	Đelekovec, crossroads of Ul. Ul. Mihovila Pavleka Miškine and Drvaska ul. 46.248488, 16.867643	4,13 km	public road	asphalt	2082, 2260		***
S6/19	Đelekovec, crossroads of Ul. Ul. Mihovila Pavleka Miškine and Drvaska ul.	Đelekovec, southeast 46.242647, 16.878232	1,39 km	municipality roads	gravel/asphalt			***
S6/20	Đelekovec, southeast	Road to lake Jegeniš 46.243063, 16.894516	1,27 km	public road	asphalt	26031		***
S6/21	Road to lake Jegeniš	Šoderica Lake 46.245120, 16.922715	2,25 km	public road	asphalt	26031		***
S6/22	Šoderica Lake	Crossroads near the train station 46.236659, 16.930408	1,43 km	public road	asphalt	2091		***
S6/23	Crossroads near the train station	Intermediate point (Šoderica Lake-Botovo) 46.232855, 16.924454	0,88 km		gravel			*
S6/24	Intermediate point (Šoderica Lake-Botovo)	Botovo, road D41 46.217565, 16.920109	1,87 km		asphalt			***



S6/25	Botovo, road D41	Drnje, road D41 46.205971, 16.907524	1,71 km	public road	asphalt	D41		***
S6/26	Drnje, road D41	Peteranec, crossroads of road nr. 2113 and 2114 46.192613, 16.912141	1,54 km	public road	asphalt	2114		***
S6/27	Peteranec, crossroads of road nr. 2113 and 2114	Peteranec, crossroads D41 and road nr. 2113 46.196750, 16.897588	1,24 km	public road	asphalt	2113		***
S6/28	Peteranec, crossroads D41 and road nr. 2113	Peteranec, crossroads D41 and road to Herešin 46.193763, 16.875946	1,83 km	public road	asphalt	D41		***
S6/29	Peteranec, crossroads D41 and road to Herešin	Herešin, crossroads of Ul. Marofska and ul. Hrvatske državnosti 46.180058, 16.869048	1,98 km	unclassified road and municipality roads	gravel/asphalt			**
S6/30	Herešin, crossroads of Ul. Marofska and ul. Hrvatske državnosti	Koprivnica, Gymnasium 'Fran Galović' 46.162356, 16.841724	3,18 km	separated bicycle path	asphalt			***
<b>DETOURS</b>								
S6/D1-1	Legrad, public road nr. 2078 crossroads 46.294207, 16.849637	Legrad, east 46.295028, 16.867192	1,59 km	public road, municipality roads	asphalt	2078		***
S6/D1-2	Legrad, east	Legrad, Halasz Csarda 46.297438, 16.881236	1,27 km		gravel			**
S6/D2	Road to lake Jegeniš 46.243063, 16.894516	Lake Jegeniš 46.257087, 16.885846	3,2 km		gravel			**
S6/D3	Crossroads near the train station 46.236659, 16.930408	Drava bridge 46.240994, 16.937933	0,92 km	public road	asphalt	D41		***

20. Table: Subsections of S6 stage

#### 4.6.5. Implemented infrastructure

Altogether 4 info boards have been placed along the stage, there are two large info boards in the stage points, while two small info boards in mid-stage. The large info boards are equipped with sitting elements, furthermore bike racks and a bike repair stand can be found in Prelog. The locations of the small ones are Legrad and Đelekovec, they are providing information about the most interesting local natural attractions. A resting place is also standing at Šoderica lake, with sitting elements, bike racks and bicycle repair stand. Similarly to the large info boards, an info panel is also installed at the resting place. Total 61 direction signs can be found along stage S6, with three different sizes [cm]: 30 x 30; 60 x 45; 70 x 45.



11. Figure: Road sign is showing the way for cyclists near Legrad

## Stage S6

Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S6	46.32367	16.60507	Prelog
				
2.	Small info board	46.295154	16.866960	Legrad
				
3.	Small info board	46.249563	16.862184	Đelekovec
				
4.	Resting place	46.244263	16.927163	Šoderica



5.	Large info board, end point of stage S6	46.162455	16.841791	Koprivnica
----	---	-----------	-----------	------------



21. Table: placed out infrastructure elements along stage S6

Stage S6 – road signs			
Nr.	Latitude (in Google map form)	Longitude (in Google map form)	Direction
<b>Međimurje County</b>			
1	46.322199	16.782776	small (straight)
2	46.316803	16.780788	small (straight)
3	46.315830	16.780680	small (straight)
4	46.314675	16.780238	small (left)
5	46.314675	16.780238	small (right)
6	46.310687	16.800220	small (left)
7	46.310687	16.800220	small (right)
8	46.310827	16.800542	small (left)
9	46.310827	16.800542	small (right)



10	46.311635	16.800051	small (straight)
11	46.311635	16.800051	small (straight)
12	46.312501	16.801109	small (straight)
13	46.312501	16.801109	small (left)
14	46.311839	16.806270	small (left)
15	46.311616	16.807305	small (left)
16	46.311398	16.811489	small (right)
17	46.311873	16.812062	small (left)
18	46.299156	16.827605	small (straight)
19	46.299384	16.827939	small (left)
<b>Koprivnica-Krizevci County</b>			
<b>Nr.</b>	<b>Latitude (in Google map form)</b>	<b>Longitude (in Google map form)</b>	<b>Municipality</b>
20	46.293807	16.829780	Legrad
21	46.293807	16.829780	Legrad
22	46.293599	16.844664	Legrad
23	46.293599	16.844664	Legrad
24	46.294288	16.849599	Legrad
25	46.294288	16.849599	Legrad
26	46.283693	16.837822	Legrad
27	46.283693	16.837822	Legrad
28	46.284179	16.835113	Legrad
29	46.284179	16.835113	Legrad
30	46.270683	16.824064	Legrad
31	46.261026	16.821356	Đelekovec
32	46.261026	16.821356	Đelekovec
33	46.249941	16.862117	Đelekovec
34	46.249941	16.862117	Đelekovec
35	46.248498	16.867637	Đelekovec
36	46.248498	16.867637	Đelekovec
37	46.248658	16.869493	Đelekovec
38	46.248658	16.869493	Đelekovec
39	46.242709	16.878232	Đelekovec
40	46.242709	16.878232	Đelekovec
41	46.243078	16.894530	Legrad
42	46.243078	16.894530	Legrad
43	46.236790	16.930415	Drnje
44	46.236790	16.930415	Drnje
45	46.236790	16.930415	Drnje
46	46.235629	16.931273	Drnje

47	46.217665	16.920170	Drnje
48	46.217665	16.920170	Drnje
49	46.206030	16.907603	Drnje
50	46.206030	16.907603	Drnje
51	46.192679	16.912263	Peteranec
52	46.192679	16.912263	Peteranec
53	46.192679	16.912263	Peteranec
54	46.189971	16.918019	Peteranec
55	46.189971	16.918019	Peteranec
56	46.197026	16.897479	Peteranec
57	46.197026	16.897479	Peteranec
58	46.193807	16.876110	Peteranec
59	46.193807	16.876110	Peteranec
60	46.165786	16.841902	Koprivnica
61	46.165786	16.841902	Koprivnica

*22. Table: Locations of the placed signs along stage S6*



## 4.7. S7 Koprivnica (HR) – Đurđevac (HR)

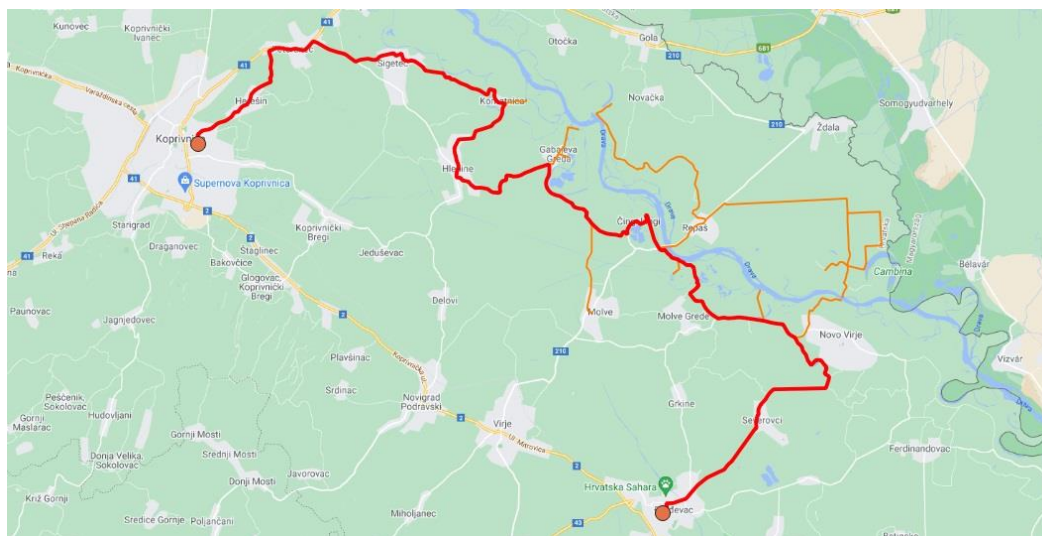
### 4.7.1. Basic information

**Start point of the daily stage:** Koprivnica, Gymnasium ‘Fran Galović’. Coordinates: 46.162356, 16.841724

**End point of the daily stage:** Đurđevac, sports hall and high school. Coordinates: 46.039126, 17.066300

**Length of the daily stage:** 50,73 km (6,3 km – 12 % is unpaved)

**Length of the detour(s):** 33,76 km (12,3 km – 36 % is unpaved)



12. Figure: Map of S7 stage, Koprivnica - Đurđevac

### 4.7.2. Changes compared to the route plan

Considerable changes happened in terms of road surface regarding S7 Koprivnica– Đurđevac.

About 2 km road has given asphalt coverage in Novo Virje and the road between Sigetec and Komatnica now is asphalted in its entire length.

### 4.7.3. Short summary of the stage

Stage S7 Koprivnica– Đurđevac is one of those few stages when both stage points are located more than 10 km from Drava river. On the one hand, wide range of services are available in stage points, on the other hand, additional kms need to be completed for cyclists to reach the riverside. Despite this factor, mid-section of the daily stage is particularly nature focused with many lakes, river viewpoints and other type of natural sites to visit. Although high percentage of the route run parallel to the river within 1-2 km distance, detours are providing many opportunities to approach the Drava river even more. Due to the stage contains significant length of good quality public roads with very low traffic, it can be described as a good mixture of cycling and nature experience at the same time.

#### 4.7.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S7/1	Koprivnica, Gymnasium 'Fran Galović' 46.162356, 16.841724	Herešin, crossroads of Ul. Marofska and ul. Hrvatske državnosti 46.180058, 16.869048	3,18 km	separated bicycle path	asphalt			***
S7/2	Herešin, crossroads of Ul. Marofska and ul. Hrvatske državnosti	Peteranec, crossroads D41 and road to Herešin 46.193763, 16.875946	1,98 km	unclassified road and municipality roads	gravel/asphalt			**
S7/3	Peteranec, crossroads D41 and road to Herešin	Peteranec, crossroads D41 and road nr. 2113 46.196750, 16.897588	1,83 km	public road	asphalt	D41		***
S7/4	Peteranec, crossroads D41 and road nr. 2113	Crossroads of road nr. 2114 and road to Sigetec 46.189955, 16.918023	1,78 km	public road	asphalt	2113, 2114		***
S7/5	Crossroads of road nr. 2114 and road to Sigetec	Sigetec, west 46.191235, 16.929139	0,97 km		gravel			**
S7/6	Sigetec, west	Komatnica, crossroads 46.175905, 16.990593	5,94 km	public road, municipality roads	asphalt	26032		**
S7/7	Komatnica, crossroads	Hlebine, north 46.164155, 16.972652	2,1 km		gravel			**
S7/8	Hlebine, north	Gabajeva Greda, south 46.155712, 17.011915	6,18 km	public road, municipality roads	asphalt	2114		***
S7/9	Gabajeva Greda, south	Čingi Lingi lake 46.135710, 17.055660	5,69 km	public road	asphalt	2114		***
S7/10	Čingi Lingi lake	Start of the embankment, north of Čingi Lingi 46.138890, 17.058557	0,56 km	unclassified road	gravel			**
S7/11	Start of the embankment, north of Čingi Lingi	Crossroads D210 and embankment 46.127518, 17.064791	1,35 km	embankment	gravel			**
S7/12	Crossroads D210 and embankment	Molve Ledine 46.124025, 17.073657	0,88 km	unclassified road	gravel			**

S7/13	Molve Ledine	Bridge over Koprivnica creek 46.115082, 17.083825	1,51 km	unclassified road	gravel			**
S7/14	Bridge over Koprivnica creek	Molve Grede, crossroads road nr. 2185 46.104107, 17.093126	1,95 km	unclassified road	asphalt			**
S7/15	Molve Grede, crossroads road nr. 2185	Novo Virje, Širine 46.103375, 17.115408	1,73 km	public road	asphalt	2185		***
S7/16	Novo Virje, Širine	Novo Virje, crossroads to Drnić lake 46.097923, 17.130433	1,40 km	public road	asphalt	2185		***
S7/17	Novo Virje, crossroads to Drnić lake	Novo Virje, Trepče 46.084522, 17.146821	1,97	municipality roads	asphalt			***
S7/18	Novo Virje, Trepče	Severovci-1 46.072120, 17.112739	4,10 km	public road	asphalt	26106		***
S17/19	Severovci-1	Severovci-2 46.067352, 17.111638	0,56 km	municipality roads	asphalt			***
S17/20	Severovci-2	Đurđevac, crossroads of roads nr. 2184 and 26106 46.045312, 17.079289	3,58 km	public road	asphalt	26106		***
S17/21	Đurđevac, crossroads of roads nr. 2184 and 26106	Đurđevac,roundabout 46.042337, 17.067982	0,96 km	public road, municipality roads	asphalt	2184		***
S17/22	Đurđevac,roundabout	Đurđevac,sports hall and high school 46.039126, 17.066300	0,53 km	public road, municipality roads	asphalt	26107		***
<b>DETOURS</b>								
S7/D1	Komatnica, crossroads 46.175905, 16.990593	Komatnica, stop over 46.177126, 17.000672	0,85 km		gravel			**
S7/D2- 1	Gabajeva Greda, south 46.155712, 17.011915	Gabajeva Greda, settlement 46.159179, 17.016299	0,55 km		gravel			**
S7/D2- 2a	Gabajeva Greda, settlement	Gabajeva Greda lake 46.158088, 17.020679	0,38 km		gravel			**
S7/D2- 2b	Gabajeva Greda, settlement	Gabajeva Greda, Drava riverside	1,48 km		gravel			**

		46.167327, 17.025371						
S7/D3	Gornja Šuma 46.158088, 17.020679	Molve, centre 46.106196, 17.032307	3,53 km	public roads	asphalt	2114, D210		***
S7/D4-1	Crossroads D210 and embankment 46.127518, 17.064791	Repaš, north 46.137123, 17.087303	2,18 km	public road	asphalt	D210		***
S7/D4-2a-1	Repaš, north	Corner south of Novačka 46.157395, 17.046545	6,07 km	public road	asphalt	2116		***
S7/D4-2a-2	Corner south of Novačka	Ješkovo visitor area 46.175671, 17.041319	2,82 km	unclassified road	gravel			**
S7/D4-2b	Repaš, north	Čambina, crossroads in the forest 46.121790, 17.155674	8,05 km	public road, forests roads	asphalt	D210		***
S7/D4-2b-1	Čambina, crossroads in the forest	Čambina, lake 46.122461, 17.164527	0,87 km		gravel			**
S7/D4-2b-2	Čambina, crossroads in the forest	Čambina, Drava riverside 46.111399, 17.153169	1,28 km		gravel			**
S7/D4-2b-3	Čambina, crossroads in the forest	Čambina, chapel 46.120368, 17.144922	1,06 km		gravel			**
S7/D5	Molve Ledine	Sekuline stop over 46.119129, 17.071828	0,67 km		gravel			**
S7/D6	Novo Virje, Širine	Drava river, stop over-1 46.113370, 17.113582	1,18 km	unclassified road	gravel			**
S7/D7-1	Novo Virje, crossroads to Drnić lake	Novo Virje, Drenovica north 46.108012, 17.140196	1,63 km	public road, municipality roads	asphalt	2185		**
S7/D7-2	Novo Virje, Drenovica north	Drava river, stop over – 2 (dock) 46.110239, 17.152356	1,16 km		gravel			**

23. Table: Subsections of S7 stage

#### 4.7.5. Implemented infrastructure

Total 6 info boards, and 1 resting place have been placed out along the daily stage:

- 2 large info boards to the stage points: Koprivnica and Đurđevac (both including benches)
- 4 small info boards: Hlebine, Molve, Repaš, Novo Virje
- Resting place: Čingi Lingi (with bicycle rack)



13-14. Figures: Signposts of Amazon of Europe Bike Trail in stage S7



15. Figure: newly asphalted road in Novo Virje




Stage S7				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S7	46.162455	16.841791	Koprivnica
				
2.	Small info board	46.150990	16.968948	Hlebine
				
3.	Small info board	46.106126	17.031770	Molve



				
4.	Small info board	46.145728	17.083593	Repaš
				
5.	Small info board	46.099503	17.126483	Novo Virje
				
6.	Resting Place with bike rack	46.133557	17.056089	Čingi Lingi



7.	Large info board, end point of stage S7	46.039070	17.066494	Đurđevac
				

24. Table: Installed infrastructure elements along stage S7

<b>Stage S7 – Road signs</b>			
<i>Municipality</i>	<i>Latitude (in Google map form)</i>	<i>Longitude (in Google map form)</i>	<i>Number of signs at location</i>
Koprivnica	46.165786	16.841902	2
Peteranec	46.191891	16.937298	2
Peteranec	46.175889	16.990372	2
Hlebine	46.154042	16.967283	2
Hlebine	46.151301	16.966785	2
Hlebine	46.155756	17.011631	2
Molve	46.135956	17.031969	2
Molve	46.132181	17.049335	2
Molve	46.135704	17.055354	2
Molve	46.138891	17.058612	2

Molve	46.127492	17.064611	2
Molve	46.137162	17.087249	1
Gola	46.142749	17.096651	1
Gola	46.157406	17.046750	1
Gola	46.172683	17.034211	1
Molve	46.124011	17.073666	2
Molve	46.121226	17.081413	2
Molve	46.112499	17.079352	2
Molve	46.109995	17.085584	2
Novo Virje	46.104118	17.093080	2
Novo Virje	46.103427	17.115224	2
Novo Virje	46.097968	17.130063	2
Novo Virje	46.099627	17.135601	1
Novo Virje	46.088395	17.145010	2
Novo Virje	46.084553, 17.146693	46.084553, 17.146693	2
Novo Virje	46.080959, 17.145123	46.080959, 17.145123	2
Đurđevac	46.072242, 17.112718	46.072242, 17.112718	2
Đurđevac	46.067405, 17.111585	46.067405, 17.111585	2
Đurđevac	46.045389, 17.079616	46.045389, 17.079616	3
<b>Total:</b>			<b>54</b>

25. Table: Locations of the signposts along stage S7

## 4.8. S8 Đurđevac (HR) – Pitomača (HR)

### 4.8.1. Basic information

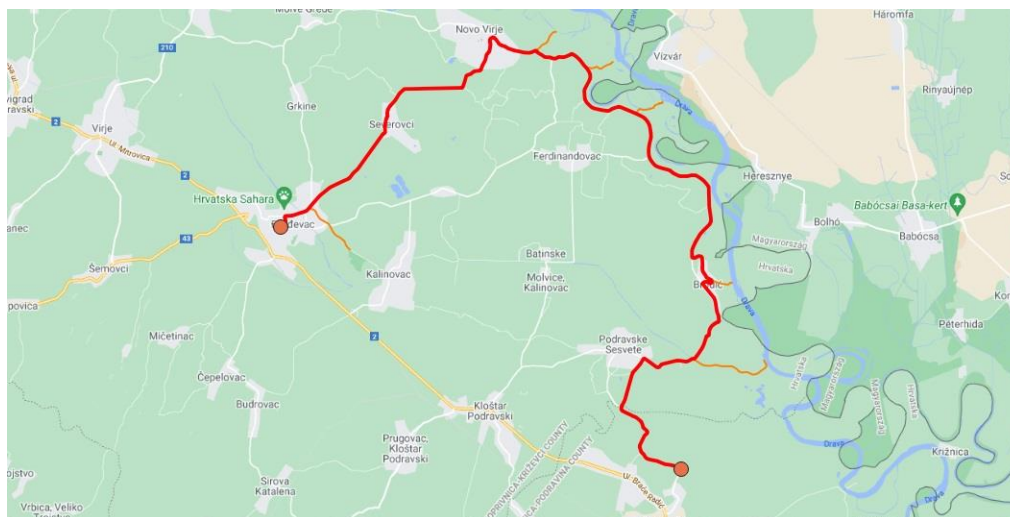
**Start point of the daily stage:** Đurđevac, sports hall and high school. Coordinates: 46.039126, 17.066300

**End point of the daily stage:** Pitomača, crossroads of Ulica Tina Ujevića and Ulica Antuna Gustava Matoša.

Coordinates: 45.971031, 17.222837

**Length of the daily stage:** 34,89 km (0,4 km – 1 % is unpaved)

**Length of the detour(s):** 8,68 km (4,74 km – 55 % is unpaved)



16. Figure: Map of S8 stage, Đurđevac - Pitomača

### 4.8.2. Changes compared to the route plan

Regarding the stage, there was one change in terms of road surface, since the section in Brodić has been covered with asphalt in a length of 1,36 km. Thus, the rate of unpaved roads of the main route in this daily stage is decreased under 1 %.

### 4.8.3. Short summary of the stage

This is one of the shortest daily stage of the AoE Bike Trail with 36 km of main route. Almost the entire stage runs on paved roads, only the detours include considerable lengths of unpaved stretches. Aside from some section around the stage points, the trail goes very close to Drava river, offering many opportunities to visit the riverside. Many additional nature sites can attract tourists within the daily stage, such as sand dunes near Đurđevac or special forest reserve "Crni jarki". Due to the vicinity of nature and high proportion of well-rideable roads with very low traffic, daily stage S8 can be an enjoyable cycling and nature experience at the same time.

#### 4.8.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S8/1	Đurđevac, sports hall and high school 46.039126, 17.066300	Đurđevac, roundabout 46.042337, 17.067982	0,53 km	municipality roads, public road	asphalt	26107		***
S8/2	Đurđevac, roundabout	Đurđevac, intersection of roads nr. 2184 and 26106 46.045312, 17.079289	0,96 km	public road, municipality road	asphalt	2184		***
S8/3	Đurđevac, intersection of roads nr. 2184 and 26106	Severovci-2 46.067352, 17.111638	3,58 km	public road	asphalt	26106		***
S8/4	Severovci-2	Severovci-1 46.072120, 17.112739	0,56 km	municipality road	asphalt			***
S8/5	Severovci-1	Novo Virje, Drenovica, crossroads of 26106 and 2185 roads 46.096085, 17.158540	5,31 km	public road	asphalt	26106		***
S8/6	Novo Virje, Drenovica, crossroads of 26106 and 2185 roads	Novo Virje, Crnec 46.092084, 17.176979	1,62 km	public road	asphalt	2185		***
S8/7	Novo Virje, Crnec	Crossroads to Drava river- 1 46.086854, 17.198915	2,03 km	public road	asphalt	2185, 26114		***
S8/8	Crossroads to Drava river- 1	Crossroads to Drava river- 2 46.073134, 17.220201	3,05 km	public road	asphalt	26114		***
S8/9	Crossroads to Drava river- 2	Brodić- 1 46.029654, 17.244642	6,67 km	public road	asphalt	26114		***
S8/10	Brodić- 1	Brodić- 2 46.029908, 17.248881	0,36 km	municipality road	gravel			**
S8/11	Brodić- 2	Brodić- 3 46.021982, 17.249121	1,36 km	municipality road	asphalt			***
S8/12	Brodić- 3	Podravske Sesvete, east, Mekiš ulica 45.999309, 17.244921	3,08 km	public road	asphalt	26114		***

S8/13	Podravske Sesvete, east, Mekiš ulica	Podravske Sesvete, crossroads Dravska ul-ul. Braće Radić, 45.999515, 17.223643	1,84 km	public road	asphalt	26114		***
S8/14	Podravske Sesvete, crossroads Dravska ul-ul. Braće Radić,	Podravske Sesvete, south crossroads 45.984832, 17.213890	1,83 km	municipality road	asphalt			***
S8/15	Podravske Sesvete, south crossroads	Pitomača, crossroads of Ul. Tina Ujevića and Ul. Antuna Gustava Matoša 45.971031, 17.222837	3,58 km	public road	asphalt	26117		***
<b>DETOURS</b>								
S8/D1-	Đurđevac, crossroads of 2184 and 2214 46.044720, 17.078715	Đurđevac sands 46.032431, 17.096070	2,02 km	public road	asphalt	2214		***
S8/D2	Novo Virje, Crnec	Novo Virje, Čarda visitor area 46.097694, 17.185243	0,96 km	unclassified road	asphalt/gravel			***
S8/D3	Crossroads to Drava river- 1	Stop over sandbars 46.089210, 17.211427	0,99 km	unclassified road	gravel			**
S8/D4	Crossroads to Drava river- 2	Stop over, Ferdinandovac 46.076446, 17.232023	1,08 km	unclassified road	gravel			**
S8/D5	Brodić- 2	Brodić, ferry 46.022178, 17.261669	0,72 km	unclassified road	gravel			**
S8/D6	Podravske Sesvete, east, Mekiš ulica	Mekiš Karaula	2,91 km		gravel/asphalt			**

26. Table: Subsections of S8 stage

#### 4.8.5. Implemented infrastructure



Total 4 info boards have been installed along the daily stage:

- Two large info boards at the stage points: Đurđevac and Pitomača (with sitting element in Đurđevac)
- Two small info boards in Ferdinandovac and Brodić
- signposts and road signs





17-18. Figures: Just installed signpost in stage S8 (left); new asphalted road in Brodić (right)

Stage S8				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S8	46.039070	17.066494	Đurđevac
				
2.	Small info board	46.074273	17.204909	Ferdinandovac
				

3.	Small info board	46.022968	17.253178	Brodić
				
4.	Large info board, end point of stage S8	45.9710249	17.2228496	Pitomača
				

27. Table: Installed infrastructure elements along stage S8

<b>Stage S8 – Road signs<sup>3</sup></b>			
<i>Municipality</i>	<i>Latitude (in Google map form)</i>	<i>Longitude (in Google map form)</i>	<i>Number of signs at location</i>
Đurđevac	46.072242	17.112718	2
Đurđevac	46.067405	17.111585	2
Đurđevac	46.045389	17.079616	3
Novo Virje	46.096122	17.158527	2
Novo Virje	46.092069	17.177002	2
Novo Virje	46.089819	17.183706	2
Novo Virje	46.091106	17.192727	2

<sup>3</sup> The list is not completed. It contains the information only in Koprivnica-Krizevci County.

Novo Virje	46.086911	17.198830	2
Ferdinandovac	46.073224	17.220131	2
Ferdinandovac	46.060077	17.226319	2
Ferdinandovac	46.029788	17.244537	2
Ferdinandovac	46.022955	17.253063	2
Ferdinandovac	46.022029	17.249061	2
Podravske Sesvete	45.999432	17.245072	2
Podravske Sesvete	45.999596	17.223492	2
Podravske Sesvete	45.995012	17.218618	2
<b>Total:</b>			<b>33</b>

28. Table: Location of the placed signposts along stage S8

## 4.9. S9 Pitomača (HR) – Kapela Dvor (HR)

### 4.9.1. Basic information

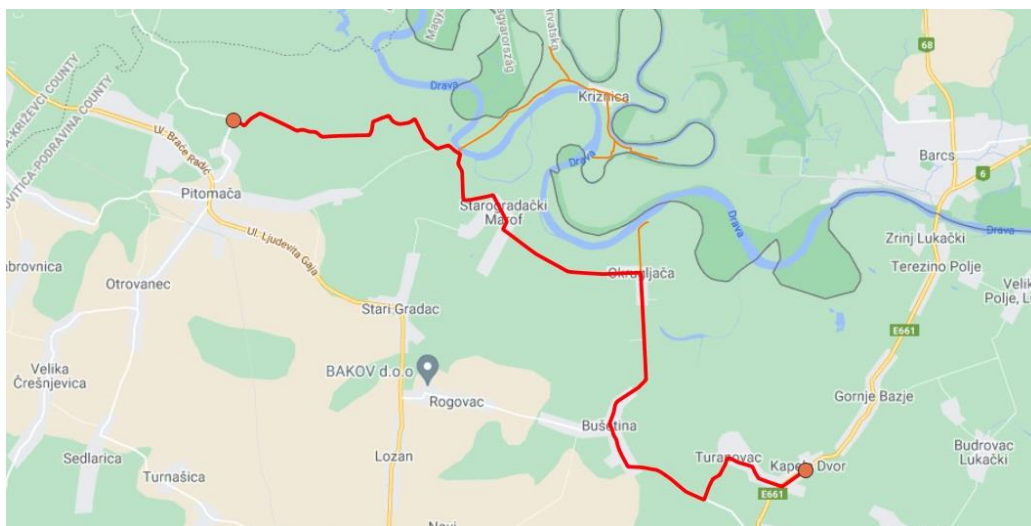
**Start point of the daily stage:** Pitomača, crossroads of Ulica Tina Ujevića and Ulica Antuna Gustava Matoša.

Coordinates: 45.971031, 17.222837

**End point of the daily stage:** Kapela Dvor, Kurija Janković. Coordinates: 45.889172, 17.420560

**Length of the daily stage:** 25,4 km (100 % paved)

**Length of the detour(s):** 9,22 km (3,63 km – 39 % unpaved)



19. Figure: Map of S9 stage, Pitomača – Kapela Dvor

### 4.9.2. Changes compared to the route plan

There were no changes regarding the route (type, surface, quality of the roads) in this section. Location and number of AoE BT related infrastructure elements was also in accordance with the plans. The number of installed road signs (83) is slightly less than it was projected before, 100 signs were calculated.

### 4.9.3. Short summary of the stage

Stage S9 starts in Municipality of Pitomača. It passes through the Municipalities of Špišić Bukovica and ends in Kapela Dvor. It does not pass directly through the settlement of Pitomača nor the town of Virovitica, but there is accommodation possibility. Most of this stage goes on asphalted roads low-traffic roads, the only gravel section is the detour to Križnica. Cycling route that leads to the Križnica includes suspension bridge intended for pedestrians and cyclists, but there is also possibility to cross Drava on a river ferry boat.

This 40 km long lowland path invites cyclists on a tour from the welcoming fields of Podravina and through the remains of old Slavonian forests. One of the most unforgettable places on the path is Križnica village, surrounded by the backwaters of Drava, where the time feels as if it had been stopped. Cyclists can only be

woken from this Drava dream by the smell of freshly prepared Drava fish, which can be tasted in the nearby restaurants.

#### 4.9.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S9/1	Pitomača, crossroads of Ulica Tina Ujevića and Ulica Antuna Gustava Matoša. Coordinates: 45.971031, 17.222837	Crossroads near to Stari Gradac gas station 45.960117, 17.303809	7,48 km	uncategorised road	asphalt			***
S9/2	Crossroads near to Stari Gradac gas station	Križnica bridge 45.959451, 17.310018	0,58 km	public road	asphalt	40003		***
S9/3	Križnica bridge	Okrugljača – centre 45.933060, 17.368095	6,56 km	public road	asphalt	40003		***
S9/4	Okrugljača – centre	Bušetina – centre 45.899780, 17.358192	4,08 km	public road	asphalt	4003		***
S9/5	Bušetina – centre	Crossroads south of Turanovac 45.883314, 17.388144	3,22 km	public road	asphalt	4007		***
S9/6	Crossroads south of Turanovac	Turanovac, crossroads of Jelav-Ivana Gorana Kovačića 45.892478, 17.395434	1,02 km	public road	asphalt	40007		***
S9/7	Turanovac, crossroads of Jelav- Ivana Gorana Kovačića	Turanovac, crossroads of Ivana Gorana Kovačića - Stjepana Radića 45.890541, 17.403313	0,64 km	uncategorised road	asphalt			***
S9/8	Turanovac, crossroads of Ivana Gorana Kovačića - Stjepana Radića	Kapela Dvor, crossroads D5 45.886155, 17.412611	0,93 km	municipality road	asphalt	4009		***
S9/9	Kapela Dvor, crossroads D5	Kapela Dvor, Kurija Janković 45.889172, 17.420560	0,71 km	public road	asphalt	D5	1042	***
<b>DETOURS</b>								
S9/D1-1	Križnica bridge	Križnica, west 45.975058, 17.345725	3,3 km	public road	asphalt	40004		***
S9/D1-2a	Križnica, west	Križnica, centre 45.972301, 17.357448	0,97 km	public road	asphalt	40004		***

S9/D1-2b	Križnica, west	Križnica, Natura 2000 Park 45.982356, 17.339329	0,97 km	uncategorised road	macadam			***
S9/D1-2a-1	Križnica, centre	Križnica, oxbow Crni Jarak 45.970292, 17.363817	0,55 km	uncategorised road	asphalt/dirt			**
S9/D1-2a-2	Križnica, centre	Križnica, bird watching tower 45.958182, 17.353078	2,08 km	uncategorised road	asphalt/dirt			**
S9/D2	Okrugljača – centre	Drava river, north of Okrugljača 45.943752, 17.369164	1,35 km	uncategorised road	macadam			**

29. Table: Subsections of S9 stage

#### 4.9.5. Implemented infrastructure

Total number of the info boards placed out along the daily stage is 5. In accordance with the plans, two large info boards have been installed in the stage points of S9, Pitomača and Kapela Dvor. These info boards are without sitting elements. Further 3 small info boards/info panels are also standing in Križnica (on the right riverbank of the Drava River, together with bike rack), in Okrugljača and halfway between the settlements of Bušetina, Turanovac. A solar bench and bike rack also have been placed in Kapela Dvor, and a bicycle repair stand in Križnica, inside the village. The total number of used road direction signs in Virovitica-Podravina County is 83.



20. Figure: Amazon of Europe direction sign in Virovitica-Podravina County



Stage S9				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S9	45.9710249	17.2228496	Pitomača
				
2.	Small info board (info panel)	45.9591732	17.3100560	Križnica
				
3.	Small info board	45.9329801	17.3679360	Okrugljača
				

4.	Small info board	45.8882906	17.3764755	Bušetina, Turanovac
				
5.	Service station	45.9721589	17.3574782	Križnica
				
6.	Large info board, end of stage S9	45.8888289	17.4208190	Kapela Dvor
				

7.	Solar bench	45.8889814	17.4187593	Kapela Dvor
				
8.	Bike rack	45.9591732	17.3100560	Križnica
				
9.	Bike rack	45.8889814	17.4187593	Kapela Dvor
				

30. Table: Installed infrastructure elements along stage S9



## 4.10. S10 Kapela Dvor (HR) -Noskovci (HR)

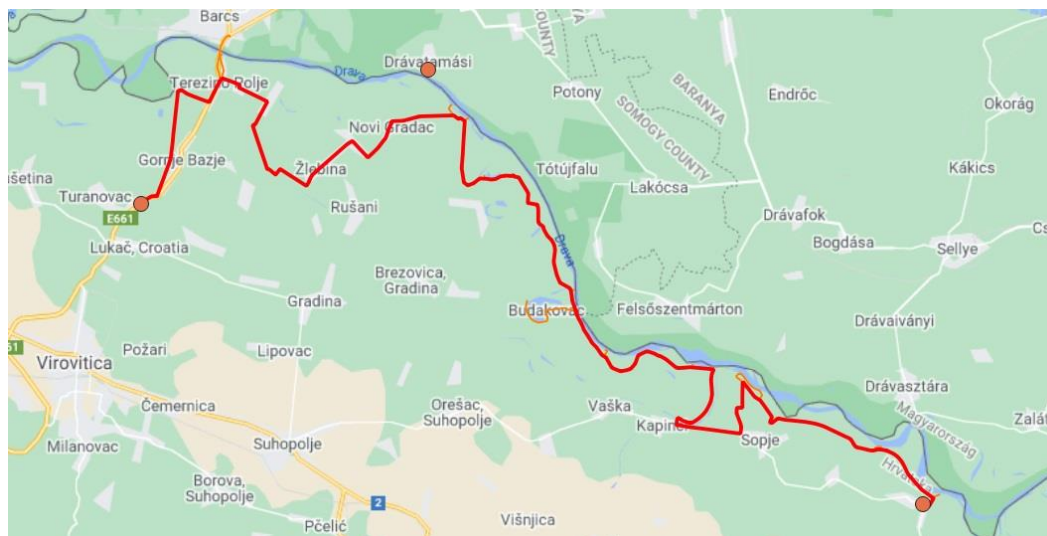
### 4.10.1. Basic information

**Start point of the daily stage:** Kapela Dvor, Kurija Janković. Coordinates: 45.889172, 17.420560

**End point of the daily stage:** Noskovci, Information and Educational Center. Coordinates: 45.780067, 17.831047

**Length of the daily stage:** 61,44 km (44,64 km – 73 % is unpaved)

**Length of the detour(s):** 9,59 km (6,21 km – 65 % is unpaved)



21. Figure: Map of S10 stage, Kapela Dvor - Noskovci

### 4.10.2. Changes compared to the route plan

There were no changes regarding the route and infrastructure elements in stage S10. Ultimately, the number of needed road signs is slightly less than it was projected.

### 4.10.3. Short summary of the stage

Significant part (73 %) of the main route consists of unpaved roads including two longer sections on embankment, the remaining parts are mainly asphalted public roads. There is no high traffic threat in relation to this stage since the embankments are traffic free and all the involved public roads have very low traffic volume. There are many points can be found along the daily stage that offers perfect river views, two educational trails and a bird watching tower also give opportunities to enjoy the time in the nature. Besides the Drava itself, cyclist can visit two oxbows (Liman and Budakovac) as well. In case of this stage, designation of the trail very close to the river was feasible, due to the existence of appropriate roads rideable by bicycle. The end point of the stage is Noskovci, where visitors can learn more about unique biodiversity of the Mura-Drava-Danube Biosphere Reserve, Mura-Drava Regional Park and Natura 2000 species and habitats in The Drava Story Visitor Centre.

#### 4.10.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S10/1	Kapela Dvor, Kurija Janković 45.889172, 17.420560	Crossroads between Kapela Dvor and Gornje Bazje 45.892605, 17.428655	0,76 km	public road	asphalt	D5	1042	***
S10/2	Crossroads between Kapela Dvor and Gornje Bazje	Terezino Polje, south 45.926756, 17.456054	5,75 km	uncategorised road	macadam			*
S10/3	Terezino Polje, south	Terezino Polje, north 45.935557, 17.462781	1,11 km	public roads	asphalt	D5, 40009	1042	***
S10/4	Terezino Polje, north	Veliko Polje, end of the settlement 45.902492, 17.486475	5,22 km	public road	asphalt	40009		***
S10/5	Veliko Polje, end of the settlement	Žlebina – entrance 45.896270, 17.507039	1,95 km	public road	macadam	40011		***
S10/6	Žlebina – entrance	Žlebina – centre 45.912639, 17.531147	2,65 km	public road	asphalt	40011		***
S10/7	Žlebina – centre	Žlebina – crossroads of road 4005 and 40014 45.906543, 17.539368	0,92 km	public road	asphalt	4005		***
S10/8	Žlebina – crossroads of road 4005 and 40014	Novi Gradac – end of the settlement 45.920503, 17.560585	2,49 km	public road	asphalt	40014		***
S10/9	Novi Gradac – end of the settlement	Path to Drava river -1 45.921964, 17.584301	1,85 km	public road	macadam	40014		***
S10/10	Path to Drava river -1	Path to Drava river -2 45.919801, 17.590210	0,59 km	public road	macadam	40014		***
S10/11	Path to Drava river -2	Liman, north of Detkovac 45.898888, 17.600630	3,44 km	public road, dyke	macadam	40014		***

S10/12	Liman, north of Detkovac	Budakovac, path to the river 45.857732, 17.646074	7,04 km	dyke	macadam			***
S10/13	Budakovac, path to the river	Budakovac, road to the settlement 45.851004, 17.648299	0,79 km	dyke	macadam			***
S10/14	Budakovac, road to the settlement	Vaška, road to the river 45.833638, 17.663527	2,28 km	dyke	macadam			***
S10/15	Vaška, road to the river	Kapinci, road to the river 45.829952, 17.709994	4,46 km	dyke	macadam			***
S10/16	Kapinci, road to the river	Kapinci, settlement 45.808854, 17.701434	4,29 km	dyke, uncategorised road	macadam			***
S10/17	Kapinci, settlement	Sopje, west 45.805662, 17.735077	2,64 km	public road	asphalt	4024		***
S10/18	Sopje, west	Sopje, swimming area-1 45.824667, 17.736193	2,37 km	uncategorised road	asphalt/macadam			***
S10/19	Sopje, swimming area-1	Sopje, swimming area-2 45.817894, 17.745466	1,05 km	dyke	macadam			***
S10/20	Sopje, swimming area-2	Noskovci, path to the river – 1 45.799610, 17.805626	5,75 km	dyke	macadam			**
S10/21	Noskovci, path to the river - 1	Noskovci, path to the river – 2 45.782330, 17.836166	3,25 km	dyke	macadam			***
S10/22	Noskovci, path to the river - 2	Noskovci, end of the settlement 45.779024, 17.833669	0,45 km	dyke	macadam			***
S10/23	Noskovci, end of the settlement	Noskovci, Information and Educational Center 45.780067, 17.831047	0,34 km	public road, municipality road	asphalt	4024		***
<b>DETOURS</b>								
S10/D1	Terezino Polje, sport field 45.934166, 17.461307	Drava bridge, Terezino Polje-Barcs	1,3 km	public road	asphalt	D5		***



		45.945671, 17.461740						
S10/D2	Terezino Polje, north	Terezino Polje, Drava river 45.944199, 17.462301	1,01 km	municipality road / uncategorised road	asphalt/dirt			**
S10/D3	Path to Drava river -1	River viewpoint- 1, north of Detkovac 45.925735, 17.582961	0,51 km	uncategorised road	dirt			*
S10/D4	Path to Drava river -2	River viewpoint- 2, north of Detkovac 45.921042, 17.591685	0,18 km	uncategorised road	dirt			*
S10/D5	Liman, north of Detkovac	oxbow lake 45.900037, 17.600587	0,11 km	uncategorised road	macadam			***
S10/D6	Budakovac, path to the river	Budakovac, Drava river viewpoint 45.858165, 17.647662	0,15 km	uncategorised road	dirt			***
S10/D7	Budakovac, road to the settlement	Budakovac, lake and settlement 45.854161, 17.623000	3,17 km	uncategorised road /public road	macadam/asphalt	4014		***
S10/D8	Vaška, road to the river	Vaška, river viewpoint 45.836238, 17.664426	0,34 km	uncategorised road	macadam			***
S10/D9	Kapinci, road to the river	Kapinci, river viewpoint 45.830818, 17.710120	0,11 km	uncategorised road	dirt			**
S10/D10	Sopje, swimming area-1	Sopje, swimming area-2	2,07 km	uncategorised road	dirt			**
S10/D11	Noskovci, path to the river – 1	Noskovci, river viewpoint 45.800816, 17.809078	0,35 km	uncategorised road	dirt			***
S10/D12	Noskovci, path to the river – 2	Noskovci, birdwatching tower 45.783371, 17.839446	0,29 km	uncategorised road	dirt			***

31. Table: Subsections of S10 stage

#### 4.10.5. Implemented infrastructure

Many infrastructure elements have been installed regarding stage S10 -Kapela Dvor – Noskovci, as follows:

- 2 large info boards: Kapela Dvor, Noskovci
- 6 small info boards or info panels: Terezino Polje, Sopje, Noskovci (2), Liman, Budakovac
- 1 resting place in Terezino Polje
- 4 bicycle repair stands: Budakovac, Kapinci, Terezino Polje, Noskovci
- 3 bike racks in Noskovci, Budakovac and Terezino Polje
- 3 solar benches: Terezino Polje, Budakovac, Noskovci



22-23. Figures: Signposts in Virovitica-Podravina County

## Stage S10




Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S10	45.8888289	17.4208190	Kapela Dvor
				
2.	Small info board	45.8247314	17.7361441	Sopje
				
3.	Small info board	45.8989308	17.6006781	Liman
				



4.	Small info board	45.7996105	17.8055558	Noskovci
				
5.	Small info board (info panel)	45.7799570	17.8305266	Noskovci
				
6.	Resting place and bicycle repair stand and bike rack	45.9355389	17.4620923	Terezino Polje
				
7.	Small info board (info panel)	45.9355389	17.4620923	Terezino Polje

				
8.	Solar bench	45.9355389	17.4620923	Terezino Polje
				
9.	Solar bench and bicycle repair stand	45.8469552	17.6261359	Budakovac
				
10.	Solar bench	45.7799570	17.8305266	Noskovci



				
11.	Bike rack and small info board (info panel)	45.8469552	17.6261359	Budakovac
				
12.	Bike rack	45.7799570	17.8305266	Noskovci
				
13.	Bicycle repair stand	45.8302318	17.7102031	Kapinci

				
14.	Bicycle repair stands	45.7799570	17.8305266	Noskovci
				
15.	Large info board, end of stage S10	45.7788377	17.8312060	Noskovci
				

32. Table: placed infrastructure elements along stage S10

## 4.11. S11 Noskovci (HR) – Belišće (HR)

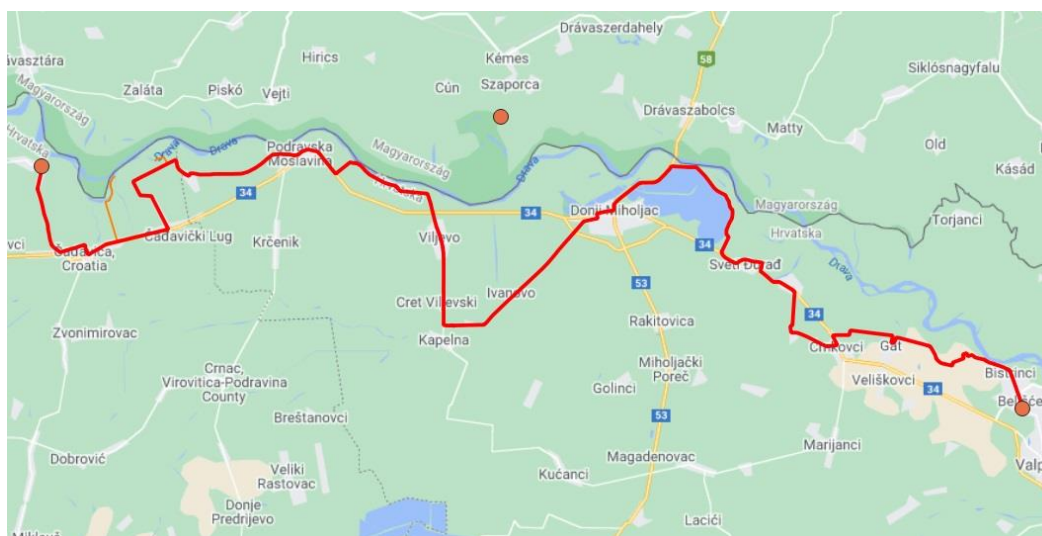
### 4.11.1. Basic information

**Start point of the daily stage:** Noskovci, Information and Educational Center. Coordinates: 45.780067, 17.831047

**End point of the daily stage:** Belišće, Ulica Kralja Tomislava, by the Theatre. Coordinates: 45.681604, 18.403815

**Length of the daily stage:** 73,9 km (31,54 km – 43 % is unpaved)

**Length of the detour(s):** 3,98 km (100 % is unpaved)



24. Figure: Map of S11 stage, Noskovci - Belišće

### 4.11.2. Changes compared to the route plan

Regarding stage S11 everything is implemented in accordance with the plans.

### 4.11.3. Short summary of the stage

The total length of the stage is longer than an average AoE BT stage, thus Donji Miholjac might be an intermediate point for cyclist who do not able/want to complete the total distance in one day. Many sections between Donji Miholjac and Belišće are in overlap with the existing Drava Bike route. Due to the lack of roads close to the Drava river in this section, the route is forced to use public roads away from it. At the same time, main road D34 (Donji Miholjac-Osijek) is a road with heavy traffic, therefore it needed to be avoided. This daily stage comprises various type and quality of roads. Cyclists need to ride on poor or better dirt roads, gravel, and asphalt surface as well, and the traffic level is also variable.

#### 4.11.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S11/1	Noskovci, Information and Educational Center 45.780067, 17.831047	Čađavica – west 45.745082, 17.842220	4,18 km	public road	asphalt	4024	393	***
S11/2	Čađavica – west	Čađavica – settlement 45.744101, 17.858499	1,65 km	uncategorised road	macadam (partly asphalt)			***
S11/3	Čađavica – settlement	Čađavica – east 45.749460, 17.875536	1,47 km	public road	asphalt	D34	2274	***
S11/4	Čađavica – east	Ilmin Dvor crossroads - main road nr. D34 45.754487, 17.905241	2,38 km	public road	asphalt	D34	2056	***
S11/5	Ilmin Dvor crossroads - main road nr. D34	Ilmin Dvor, north 45.768098, 17.895247	1,69 km	public road	asphalt	40042		***
S11/6	Ilmin Dvor, north	Ilmin Dvor, road to the river 45.781103, 17.904773	2,97 km	uncategorised road	dirt			**
S11/7	Ilmin Dvor, road to the river	Martinci Miholjački – end of the settlement 45.776807, 17.915210	1,28 km	uncategorised road	dirt			**
S11/8	Martinci Miholjački – end of the settlement	Martinci Miholjački – road nr. 44001 and agricultural road crossing 45.776061, 17.917489	0,19 km	public road	asphalt	44001		***
S11/9	Martinci Miholjački – road nr. 44001 and agricultural road crossing	Podravska Moslavina – end of settlement 45.784449, 17.978585	5,18 km	agricultural road	gravel, dirt			**
S11/10	Podravska Moslavina – end of settlement	Podravska Moslavina, southeast - road D34 and agricultural road crossing 45.776991, 18.002775	2,42 km	municipality road, public road	asphalt	D34	2274	***



S11/11	Podravska Moslavina, southeast - road D34 and agricultural road crossing	Viljevo, crossroads of D34 and 4031 45.761257, 18.059465	5,7 km	Water management road, embankment	gravel, dirt			**
S11/12	Viljevo, crossroads of D34 and 4031	Blanje, crossroads of 4031 and 44012 45.715442, 18.065803	5,16 km	public road	asphalt	4031		***
S11/13	Blanje, crossroads of 4031 and 44012	Ivanovo, crossroads of 44012 and 4032 45.728964, 18.108967	3,98 km	public road	asphalt	44012		***
S11/14	Ivanovo, crossroads of 44012 and 4032	Donji Miholjac, crossroads of 4032 and 4295 45.760894, 18.155110	5,27 km	public road	asphalt	4032		***
S11/15	Donji Miholjac, crossroads of 4032 and 4295	Donji Miholjac, crossroads of 4295 and D53 45.762111, 18.165090	0,79 km	public road	asphalt	4295	3227	***
S11/16	Donji Miholjac, crossroads of 4295 and D53	Border crossing point 45.778178, 18.196744	3,51 km	bicycle path	asphalt	D53	859	***
S11/17	Border crossing point	Sveti Đurađ, crossroads of water management road and D34 45.744812, 18.227657	5,09 km	water management road	gravel, dirt			**
S11/18	Sveti Đurađ, crossroads of water management road and D34	Sveti Đurađ, crossroads in the settlement -1 45.742098, 18.242413	1,37 km	streets in settlement	gravel			**
S11/19	Sveti Đurađ, crossroads in the settlement-1	Sveti Đurađ, crossroads in the settlement-2 45.737257, 18.250583	1,15 km	streets in settlement	asphalt			***
S11/20	Sveti Đurađ, crossroads in the settlement-2	Podgajci Podravski, crossroads of D34 and 44016 45.728964, 18.270395	1,87 km	public road	asphalt	D34	2274	***





S11/21	Podgajci Podravski, crossroads of D34 and 44016	Bočkinci, crossroads of 44016 and 44017 45.712203, 18.268491	1,96 km	public road	asphalt	44016		***
S11/22	Bočkinci, crossroads of 44016 and 44017	Črnkovci, crossroads of 44017 and D34 45.707460, 18.295514	2,24 km	public road	asphalt	44017		***
S11/23	Črnkovci, crossroads of 44017 and D34	Črnkovci, crossroads of D34 and Ul. Matije Gupca 45.711195, 18.292527	0,49 km	public road	asphalt	D34	2274	***
S11/24	Črnkovci, crossroads of D34 and Ul. Matije Gupca	Črnkovci, Ul. Matije Gupca – end of settlement 45.711437, 18.295679	0,24 km	street in settlement	asphalt			***
S11/25	Črnkovci, Ul. Matije Gupca – end of settlement	Gat, north 45.708093, 18.326835	3,1 km	agricultural roads	gravel, dirt			*
S11/26	Gat, north	Gat-Bistrinci-1 45.708198, 18.342494	1,41 km	agricultural road	gravel			***
S11/27	Gat-Bistrinci-1	Gat-Bistrinci-2 45.698944, 18.362416	2,02 km	agricultural road	dirt			*
S11/28	Gat-Bistrinci-2	Bistrinci, Braće Radić street 45.700696, 18.382938	2,22 km	agricultural road	dirt			*
S11/29	Bistrinci, Braće Radić street	Bistrinci, crossroads at the church 45.696237, 18.396549	1,21 km	streets in settlement	asphalt			***
S11/30	Bistrinci, crossroads at the church	Belišće, Ulica Kralja Tomislava, by the Theatre 45.681604, 18.403815	1,71 km	bicycle path	asphalt			***
<b>DETOURS</b>								
S11/D1	Čađavica – east	Čađavica, river viewpoint 45.775886, 17.873523	3,21 km	uncategorised road	macadam/dirt			**
S11/D2	Ilmin Dvor, road to the river	Ilmin Dvor, river viewpoint 45.782749, 17.898324	0,77 km	uncategorised road	dirt			**

33. Table: Subsections of S11 stage

#### 4.11.5. Implemented infrastructure

The following infrastructure have built regarding stage S11 in Virovitica-Podravina County and Osijek-Baranja County:

- 2 large info boards at the stage points: Noskovci, Belišće
- 4 small info boards (or info panels): Noskovci, Ilmin Dvor, and Donji Miholjac (2)
- 2 bicycle repair stands in Noskovci and Donji Miholjac
- 1 bike rack in Noskovci
- 1 solar bench in Noskovci
- signposts, road signs

Stage S11				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S11	45.7788377	17.8312060	Noskovci
				
2.	Small info board (info panel)	45.7799570	17.8305266	Noskovci
				
3.	Small info board	45.7828090	17.9097659	Ilmin Dvor





				
4.	Bike rack	45.7799570	17.8305266	Noskovci
				
5.	Bicycle repair stand	45.7799570	17.8305266	Noskovci
				
6.	Solar bench	45.7799570	17.8305266	Noskovci





				
7.	Resting place with small info board (info panel) and bicycle repair stand	45.76450	18.16518	Donji Miholjac
				
8.	Small info board	45.75781	18.14798	Donji Miholjac
				
9.	Large info board, end of stage S11	45.68788	18.40128	Belišće



34. Table: Placed infrastructure elements along stage S11

IMAGE	DIMENSION [cm]	TOTAL	1 LOGO	2 LOGO	3 LOGO
	30 X 30	27	27		
	45 X 30	16	12	4	
	60 X 30	10	10		
	100 X 60	9	1	5	3



	100 x 60	2			2
	60 x 30	5	2	3	
<b>Total:</b>		<b>69</b>			

35. Table: Number and type of the used signs in Osijek-Baranja County regarding stage S11

Stage S11 – road signs			
Nr.	Direction	Latitude (in google map form)	Longitude (in google map form) Information
<b>Osijek-Baranja County</b>			
1.	left	45.776059	17.917354
2.	no direction (Amazon of Europe)	45.777002	17.947530
3.	no direction (Amazon of Europe)	45.777188	17.948168
4.	left/right	45.784808	17.981213
5.	straight/right	45.784808	17.981213
6.	straight/left	45.777162	18.002365
7.	left/right	45.777111	18.002883
8.	no direction (Amazon of Europe)	45.728438	18.108270
9.	no direction (Amazon of Europe)	45.728386	18.107927
10.	straight	45.752743	18.141303
11.	straight	45.754420	18.143060
12.	left	45.754420	18.143060
13.	right	45.759829	18.155387
14.	right	45.759992	18.155440
15.	left	45.761090	18.155832
16.	straight	45.761281	18.157912
17.	straight	45.762059	18.163180
18.	left	45.762029	18.164693
19.	right	45.762428	18.165003
20.	no direction (Amazon of Europe)	45.778248	18.196982
21.	no direction (Amazon of Europe)	45.777904	18.196059
22.	straight	45.744860	18.227722

23.	left	45.744998	18.227672
24.	straight	45.744334	18.228383
25.	straight/right	45.744575	18.228053
26.	no direction (Amazon of Europe)	45.740858	18.237424
27.	no direction (Amazon of Europe)	45.740667	18.236834
28.	right	45.740869	18.251481
29.	left	45.740719	18.251736
30.	left/right	45.737433	18.250595
31.	straight/right	45.737257	18.250799
32.	left	45.728648	18.270340
33.	right	45.729198	18.270056
34.	left	45.713171	18.268067
35.	right	45.712362	18.269040
36.	left/right	45.707238	18.294700
37.	straight/right	45.707826	18.295010
38.	right	45.711078	18.292704
39.	left	45.711407	18.292782
40.	right	45.713284	18.303078
41.	left	45.713421	18.303217
42.	right	45.711250	18.327609
43.	left	45.710962	18.327901
44.	no direction (Amazon of Europe)	45.708124	18.326965
45.	no direction (Amazon of Europe)	45.708236	18.326924
46.	no direction (Amazon of Europe)	45.710408	18.330093
47.	no direction (Amazon of Europe)	45.710415	18.330542
48.	no direction (Amazon of Europe)	45.703322	18.374110
49.	no direction (Amazon of Europe)	45.703369	18.373946
50.	straight	45.699150	18.389804
51.	straight	45.699160	18.388880
52.	straight	45.697680	18.394130
53.	no direction (Amazon of Europe)	45.697643	18.394448
54.	no direction (Amazon of Europe)	45.696707	18.396580
55.	no direction (Amazon of Europe)	45.696703	18.396462
56.	straight	45.695867	18.396830
57.	straight	45.687757	18.401145
58.	no direction (Amazon of Europe)	45.687757	18.401145
59.	no direction (Amazon of Europe)	45.687400	18.401041
60.	straight/right	45.687632	18.401690
61.	straight/right	45.687790	18.400796
62.	no direction (Amazon of Europe)	45.684290	18.402490
63.	no direction (Amazon of Europe)	45.685172	18.402362
64.	straight	45.683641	18.403015
65.	straight	45.683142	18.403028

66.	no direction (Amazon of Europe)	45.682351	18.403522
67.	no direction (Amazon of Europe)	45.681084	18.404321
68.	straight	45.681208	18.404493
69.	no direction (Amazon of Europe)	45.690956	18.412480
70.	no direction (Amazon of Europe)	45.690731	18.412718

*36. Table: Locations of the placed signs along stage S11*

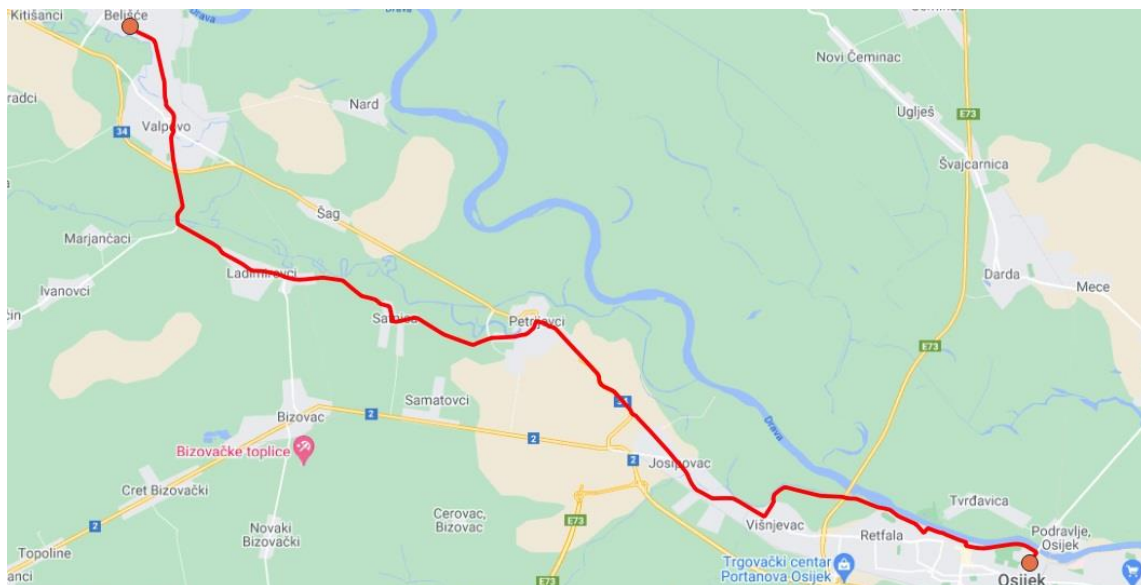
## 4.12. S12 Belišće (HR) – Osijek (HR)

### 4.12.1. Basic information

**Start point of the daily stage:** Belišće, Ulica Kralja Tomislava, by the Theatre. Coordinates: 45.681604, 18.403815

**End point of the daily stage:** Osijek Tvrđa (Biljska cesta – ul. Franje Kuhaća crossing, coordinates: 45.559190, 18.698950

**Length of the daily stage:** 32,5 km (100 % paved)



25. Figure: Map of S12 stage, Belišće - Osijek

### 4.12.2. Changes compared to the route plan

Regarding the route, only one minor change happened. In Petrijevci, due to the change in the spatial plan of Petrijevci municipality, the trail cannot go through Matije Gupca street, but remains on Mlinska street then turns right onto street Republike. The change results additional 100 meters to the total length of the stage. Everything else is implemented in accordance with the plans.

### 4.12.3. Short summary of the stage

In this section, the riverside area mostly contains bad quality agricultural roads or does not contain any type of roads at all. Because of this reason, the route is not able to stay really close to the Drava river between Belišće and Osijek. In addition, main road D34 is the closest existing road in parallel to the Drava, with acceptable surface, but extremely high traffic level, thus the trail is trying to avoid it as much as possible. In order to ensure the maximum safety and comfort level for the cyclists, the route has to take smaller “detours” through the “inner” area on roads with less traffic. The surface of total length of this stage is asphalt.

#### 4.12.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S12/1	Belišće, Ulica Kralja Tomislava, by the Theatre 45.681604, 18.403815	Valpovo, north end of the pedestrian zone 45.660846, 18.418183	2,75 km	Bicycle path, public road, street in settlement	asphalt	4050	5678	***
S12/2	Valpovo, north end of the pedestrian zone	Valpovo, south end of the pedestrian zone 45.658182, 18.417848	0,3 km	pedestrian zone	asphalt			***
S12/3	Valpovo, south end of the pedestrian zone	Crossroads of 4052 and 4060 roads 45.636514, 18.419522	2,54 km	public road	asphalt	4052		***
S12/4	Crossroads of 4052 and 4060 roads	Ladimirevci, crossroads of 4060 and 4061 roads 45.624402, 18.454387	3,1 km	public road	asphalt	4060		***
S12/5	Ladimirevci, crossroads of 4060 and 4061 roads	Petrijevci, intersection of Matije Gupca Street and road D34 45.614442, 18.536833	7,43 km	public road	asphalt	4061		***
S12/6	Petrijevci, intersection of Matije Gupca Street and road D34	Josipovac, crossroads of D34, Osječka street 45.593021, 18.568040	3,59 km	public road	asphalt	D34	5562	***
S12/7	Josipovac, crossroads of D34, Osječka street	Josipovac, Bana Jelačića street and Lugarski put crossroads 45.569484, 18.611367	4,46 km	public road	asphalt			***
S12/8	Josipovac, Bana Jelačića street and Lugarski put crossroads	Josipovac, Lugarski put, Drava embankment crossing 45.573255, 18.614257	0,51 km	street in settlement	asphalt			***
S12/9	Josipovac, Lugarski put, Drava embankment crossing	Osijek, Promenade, Franjo Tuđman bridge crossing 45.561244, 18.700740	7,48 km	water management road, bicycle path	asphalt			***




S12/10	Osijek, Promenade, Franjo Tuđman bridge crossing	Osijek, Franje Kuhača street (Tvrđa) 45.559190, 18.698950	0,34 km	bicycle path	asphalt			***
--------	--	---	---------	--------------	---------	--	--	-----

37. Table: Subsections of S12 stage




#### 4.12.5. Implemented infrastructure



Two large info boards have been placed to the stage points: Belišće and Osijek. Since Osijek is a stage point both on the north and south routes, a special two-sided information board has been installed there. Besides the info boards, a resting place, together with a small information panel and bicycle repair stand has been installed west of Osijek at the beach called “Pampas”. The route is signposted with four different dimension of road signs for cyclists.

Stage S12				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S12	45.68788	18.40128	Belišće
				
2.	Resting place with small info board (info panel) and bicycle repair stand	45.57400	18.64346	Osijek (Pampas)

				
3.	Large info board, end point of stage S12	45.55919	18.69895	Osijek
				

38. Table: Installed infrastructure elements along stage S12

IMAGE	DIMENSION	TOTAL	1 LOGO	2 LOGO
	30 X 30	16	8	8
	45 X 30	17	9	8
	60 X 30	2		2

	100 X 60	4	2	2
	60 x 30	21	6	15
<b>Total:</b>		<b>60</b>		

39. Table: Size and type of used road signs along stage S12

Stage S12 – road signs			
Nr.	Direction	Latitude (in google map form)	Longitude (in google map form) Information
1.	no direction (Amazon of Europe)	45.679075	18.410843
2.	no direction (Amazon of Europe)	45.678133	18.411881
3.	straight	45.666538	18.415046
4.	straight	45.664576	18.415717
5.	no direction (Amazon of Europe)	45.666271	18.415306
6.	no direction (Amazon of Europe)	45.665256	18.415224
7.	right	45.660928	18.418085
8.	left	45.660747	18.417972
9.	right	45.660298	18.415357
10.	no direction (Amazon of Europe)	45.660477	18.415425
11.	no direction (Amazon of Europe)	45.660047	18.415464
12.	left	45.658450	18.416539
13.	left	45.656939	18.417536
14.	straight	45.648028	18.418985
15.	straight	45.650126	18.418097
16.	no direction (Amazon of Europe)	45.648929	18.418666
17.	no direction (Amazon of Europe)	45.648373	18.418524
18.	right	45.636237	18.420509
19.	left	45.638232	18.419136
20.	straight	45.624499	18.453884
21.	straight	45.624265	18.455145
22.	right	45.614187	18.490522
23.	left	45.614457	18.489315

24.	no direction (Amazon of Europe)	45.614755	18.489732
25.	no direction (Amazon of Europe)	45.614179	18.489908
26.	right	45.614151	18.536654
27.	left	45.614173	18.537623
28.	left	45.593314	18.567765
29.	right	45.593019	18.568491
30.	straight	45.582393	18.582637
31.	straight	45.582832	18.581881
32.	left	45.569509	18.611119
33.	right	45.569641	18.611411
34.	no direction (Amazon of Europe)	45.573150	18.614285
35.	no direction (Amazon of Europe)	45.573329	18.614278
36.	left	45.566000	18.663236
37.	right	45.565953	18.663633
38.	right	45.566818	18.664878
39.	left	45.566919	18.665015
40.	left	45.563596	18.677509
41.	right	45.563610	18.677411
42.	straight/left	45.563081	18.677176
43.	left/right	45.562764	18.677608
44.	straight/left	45.562398	18.685165
45.	left/right	45.562409	18.685315
46.	straight/right	45.562447	18.685628
47.	right	45.561340	18.700391
48.	left	45.561201	18.700763
49.	left	45.559494	18.699020
50.	right	45.559494	18.699020

40. Table: Locations of direction signs along stage S12

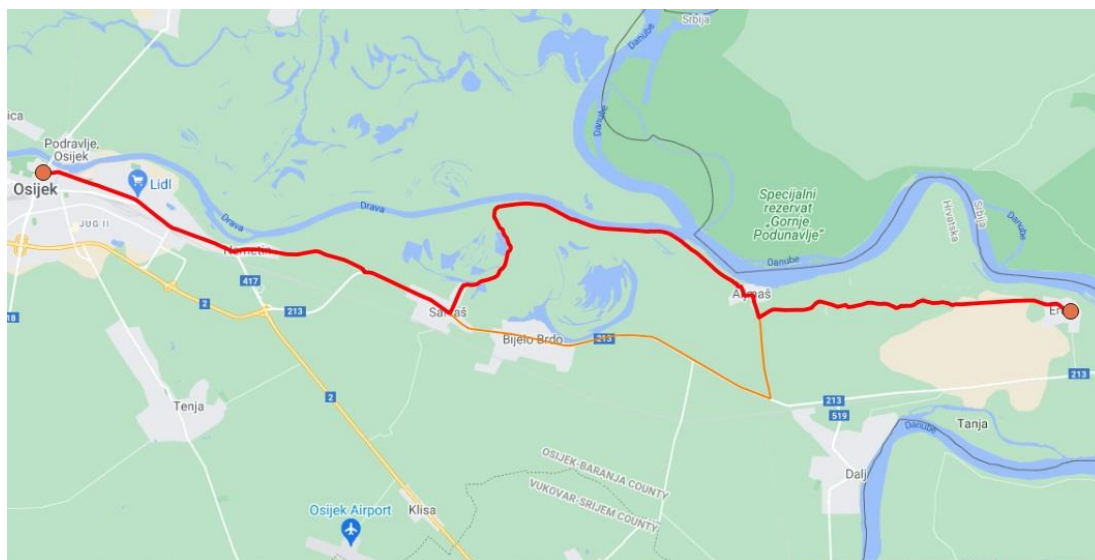
## 4.13. S13 Osijek (HR) – Erdut (HR)

### 4.13.1. Basic information

**Start point of the daily stage:** Osijek Tvrđa (Biljska cesta – ul. Franje Kuhaća crossing, coordinates: 45.559190, 18.698950)

**End point of the daily stage:** Erdut, castle Adamović. Coordinates: 45.524618, 19.062436

**Length of the daily stage:** 34,15 km (10,63 km – 31 % is unpaved)



26. Figure: Map of S13 stage, Osijek-Erdut

### 4.13.2. Changes compared to the route plan

Regarding stage S13 there was not any changes compared to the route plan.

### 4.13.3. Short summary of the stage

Since this daily stage follows the last kilometers of Drava river until the confluence with the Danube, it can be described as a special stage. Cycling on the forest/water management path is rewarding, at the end of it the confluence area of the two big rivers is a sight to enjoy. The picturesque villages of Aljmaš and Erdut are full of interesting views – overlooking the Danube from the small hilltops. Nice accommodation and restaurant facilities can be found along the stage, as well as recreational facilities such as hiking paths, canoeing, swimming or just enjoying the landscape.

Majority of the shorter daily stage has paved surface, including only one subsection gravel road. The daily section does not contain any detours, but an alternative route between Sarvaš and Aljmaš for those rare occasions when the main route over the Drava-Danube confluence is flooded. Part of this section overlaps with Eurovelo 6. Osijek and Erdut are connected by 3 trains per day. According to a previous agreement with the conductor, it is possible to transport bicycles on the train. Erdut train station is located 3 km from the centre of the settlement.



#### 4.13.4. Information about the route and its condition


	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S13/1	Osijek, Franje Kuhača street (Tvrdča) 45.559477, 18.698941	Osijek, Matije Gupca and Vukovarska streets crossing 45.550894, 18.733272	2,94 km	bicycle path	asphalt			***
S13/2	Osijek, Matije Gupca and Vukovarska streets crossing	Nemetin, Vukovarska and, Nemetin streets crossing 45.539280, 18.765663	3,06 km	public road	asphalt			***
S13/3	Nemetin, Vukovarska and, Nemetin streets crossing	Nemetin, Nemetin street and road D213 crossing 45.534345, 18.811792	3,78 km	public road	asphalt			***
S13/4	Nemetin, Nemetin street and road D213 crossing	Sarvaš, road D213-Dravska street crossing 45.524040, 18.842200	2,66 km	public road	asphalt	D213		***
S13/5	Sarvaš, road D213-Dravska street crossing	Sarvaš, Dravska street- water management / forest road crossing 45.530961, 18.847000	0,86 km	street in settlement	asphalt			***
S13/6	Sarvaš, Dravska street- water management / forest road crossing	Aljmaš, Water management / forest road- Dolica street crossing 45.530537, 18.945590	10,63 km	Water management / forest road	gravel			***
S13/7	Aljmaš, Water management / forest road- Dolica street crossing	Aljmaš, crossroads of Dolica and Zlatna streets 45.528376, 18.946528	0,26 km	street in settlement	asphalt			***
S13/8	Aljmaš Zlatna street, 4092 crossing	Aljmaš, crossroads of Zlatna street- road nr. 4092 45.528517, 18.949708	0,26 km	street in settlement	asphalt			***
S13/9	Aljmaš, crossroads of Zlatna street- road nr. 4092	Aljmaš, roads nr 4092 and 4093 crossing	0,65 km	public road	asphalt	4092		***

		45.522902, 18.951749						
S13/10	Aljmaš, roads nr 4092 and 4093 crossing	Erdut, castle Adamović 45.524618, 19.062436	9,05 km	public road	asphalt	4093		***
<b>ALTERNATIVE ROUTE</b>								
S13/A1-1	Sarvaš, road D213-Dravska street crossing	Crossroad of D213 and 4093 45.502844, 18.956034	9,5 km	public road	asphalt	D213	1730	***
S13/A1-2	Crossroad of D213 and 4093	Aljmaš, roads nr 4092 and 4093 crossing 45.522902, 18.951749	2,27 km	public road	asphalt	4093		***

41. Table: Subsections of S13 stage

#### 4.13.5. Implemented infrastructure





Two large info boards have been installed at the two stage points of stage S13: Osijek and Erdut. Since Osijek is a stage point both on the north and south routes, a special two-sided information board has been placed there. A small info board is also standing at the confluence site of Drava and Danube rivers, near Aljmaš. Since the section between Aljmaš and Sarvaš is affected by the risk of floods, two special info boards also have been placed providing information and map of an alternative route in case original route is flooded.

Stage S13				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S13	45.55919	18.69896	Osijek
				
2.	Small info board	45.52444	18.84154	Sarvaš

				
3.	Small info board	45.53060	18.94566	Aljmaš
				
4.	Small info board	45.54393	18.91963	Aljmaš
				
5.	Large info board, end point of stage S13	45.52457	19.06248	Erdut



42. Table: Placed infrastructure elements along stage S13

IMAGE	DIMENSION	TOTAL	1 LOGO	2 LOGO	3 LOGO
	30 X 30	12	10		2
	45 X 30	7	5		2
	60 X 30	8	5		3
	100 X 60	5			5
<b>Total:</b>		<b>32</b>			

43. Table: Number and type of the used signs along S13

## Stage S13 – road signs

Nr.	<i>Direction</i>	<i>Latitude (in google map form)</i>	<i>Longitude (in google map form) Information</i>
1.	no direction (Amazon of Europe)	45.552320	18.730511
2.	no direction (Amazon of Europe)	45.552510	18.730110
3.	straight	45.551438	18.732202
4.	straight	45.550636	18.733978
5.	straight	45.545670	18.742599
6.	straight	45.545410	18.743717
7.	right	45.539394	18.765861
8.	left	45.539297	18.765360
9.	right	45.534350	18.812332
10.	left	45.534583	18.811613
11.	straight/left	45.524236	18.841518
12.	right/left	45.524168	18.842287
13.	no direction (Amazon of Europe)	45.530938	18.847107
14.	no direction (Amazon of Europe)	45.530885	18.846796
15.	no direction (Amazon of Europe)	45.530420	18.945601
16.	no direction (Amazon of Europe)	45.530730	18.945132
17.	left	45.528544	18.946409
18.	right	45.528471	18.946958
19.	left	45.528169	18.949898
20.	right	45.528464	18.949192
21.	left	45.523320	18.951402
22.	right	45.523040	18.951914
23.	no direction (Amazon of Europe)	45.525941	19.004888
24.	no direction (Amazon of Europe)	45.525858	19.004641
25.	no direction (Amazon of Europe)	45.524712	19.062190
26.	no direction (Amazon of Europe)	45.524407	19.062290
27.	straight/right	45.509064	19.065245
<b>Alternative route</b>			
28.	no direction (Amazon of Europe)	45.517540	18.894859
29.	no direction (Amazon of Europe)	45.517727	18.895003
30.	straight/left	45.502906	18.955360
31.	left/right	45.503206	18.955885

44. Table: Locations of the direction signs along stage S13



## 4.14. S14 Erdut (HR) – Apatin (SRB)

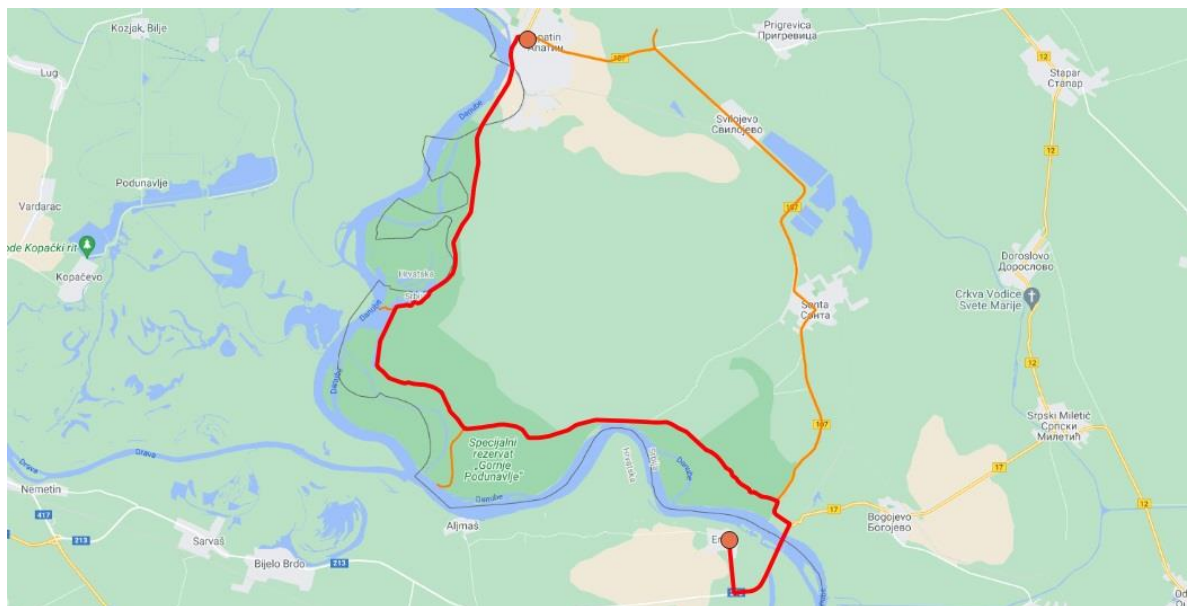
### 4.14.1. Basic information

**Start point of the daily stage:** Erdut (Croatia), castle Adamović. Coordinates: 45.524618, 19.062436

**End point of the daily stage:** Apatin (Serbia) city centre. Coordinates: 45.674167, 18.979084

**Length of the daily stage:** 35,51 km (15,49 km – 44 % is unpaved)

**Length of the detour(s):** 3,14 km (100% unpaved)



27. Figure: Map of S14 stage, Erdut - Apatin

### 4.14.2. Changes compared to the route plan

In terms of road quality, considerable changes happened in the last years. A lot of improvement carried out, the surface of some sections have been asphalted resulted that the proportion of paved roads along the daily stage now must be higher than it was written in the route plan.

Furthermore, the type of one info board has been changed. It was planned to place a large info board at the entrance Special Nature Reserve "Upper Danube / Gornje Podunavlje", near the Serbian-Croatian border. The site was not suitable for the installation of a large info board, thus a small info board has been placed instead, together with bicycle rack.

### 4.14.3. Short summary of the stage

The stage starts in Croatia and finishes on the Serbian side of the Danube, mainly consists of traffic free embankment roads, passing through beautiful nature area, and asphalted public roads in a smaller proportion. It provides a close nature experience and many nice views for visitors. Most part of the daily stage is without any traffic. The embankment road can be regarded as rideable by bicycle when the weather conditions are

normal/dry. In case of bad/wet weather conditions, certain subsection, especially the unpaved, dirt sections, may become hardly rideable or not rideable at all by bicycle, therefore an alternative route on asphalted public roads is advised for cyclists that they can use if the weather is constantly rainy. Since the route does not pass through any settlement between the start and end points, cyclists needed to be equipped well with beverages, food and snacks because they will not be able to access any kind of services along the main route.

#### 4.14.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S14/1	Erdut, castle Adamović 45.524618, 19.062436	Erdut, crossroads of 4093 and D213 45.508823, 19.064426	1,77 km	public road	asphalt	4093		***
S14/2	Erdut, crossroads of 4093 and D213	Erdut, border crossing 45.514506, 19.078135	1,36 km	public road	asphalt	D213	1730	***
S14/3	Erdut, border crossing	Bogojevo border crossing 45.529420, 19.088014	1,83 km	public road (Danube bridge)	asphalt	D213, 17		***
S14/4	Bogojevo border crossing	Crossroads - road nr.107 and embankment road 45.536164, 19.082857	1,03 km	public road	asphalt			***
S14/5	Crossroads - road nr.107 and embankment road	Dunav Sonta campsite 45.560117, 19.013122	6,5 km	embankment	asphalt			***
S14/6	Dunav Sonta campsite	Crossing gate on embankment (eastern) 45.560244, 19.005131	0,59 km	embankment	gravel			**
S14/7	Crossing gate on embankment (eastern)	Crossing gate on embankment (western) 45.558935, 18.967343	3,23 km	embankment	grass			*
S14/8	Crossing gate on embankment (western)	Crossroad to river Danube – 1 45.557860, 18.950128	1,35 km	embankment	asphalt			**
S14/9	Crossroad to river Danube – 1	Crossroad at the Hunting House "Mesarske Livade" 45.579315, 18.913572	4,16 km	embankment	asphalt			**

S14/10	Crossroad at the Hunting House "Mesarske Livade"	Crossroad to river Danube 2 45.593877, 18.921326	2,06 km	embankment	gravel			**
S14/11	Crossroad to river Danube 2	Start/end of embankment at Apatin 45.664657, 18.970593	9,61 km	embankment	gravel			**
S14/12	Start/end of embankment at Apatin	Start/end of promenade, Apatin 45.670485, 18.970119	0,66 km		gravel, paving-stones (partly)			***
S14/13	Start/end of promenade, Apatin	City center of Apatin 45.674167, 18.979084	1,36 km	municipality roads	asphalt			***
<b>DETOURS</b>								
S14/D1	Crossroad to river Danube – 1	River access point 1 45.541149, 18.938848	2,48 km	forest road	gravel, dirt			**
S14/D2-	Crossroad to river Danube 2	River access point 2 45.593291, 18.914202	0,66 km	forest road	gravel, dirt			**
<b>ALTERNATIVE ROUTE</b>								
S14/A1	Crossroads (road nr.107 and embankment road)	City center of Apatin (via Sonta)	22,79 km	public road	asphalt	107		***

45. Table: Subsections of S14 stage




28. Figure: Paved surface on embankment at hunting house Mesarske livade

#### 4.14.5. Implemented infrastructure

Regarding stage S14 three large info boards have been placed in Erdut and Apatin (2). A small info board, together with bicycle rack also have been installed at the entrance point of Special Nature Reserve "Upper Danube / Gornje Podunavlje". Besides the information boards, a resting place with table, sitting elements has been constructed near "Dunav Sonta" campsite, bicycle rack added here as well.



29. Figure: direction signs near Sonta campsite

Stage S14				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S14	45.52457	19.06248	Erdut, Croatia
				
2.	Small info board	45.536319	19.082101	Entrance of Special Nature Reserve "Upper Danube , Serbia



				
3.	Bicycle rack	45.536319	19.082101	Entrance of Special Nature Reserve "Upper Danube, Serbia
				
4.	Resting place with bicycle rack	45.559476	19.012958	Sonta, Serbia
				
5.	Large info board	45.669533	18.969912	Apatin, Serbia



				
6.	Large info board, end point of stage S14	45.673230	18.975355	Apatin, Serbia
				

46. Table: Installed infrastructure elements along stage S14

## 4.15. S15 Apatin (SRB) – Sombor (SRB)

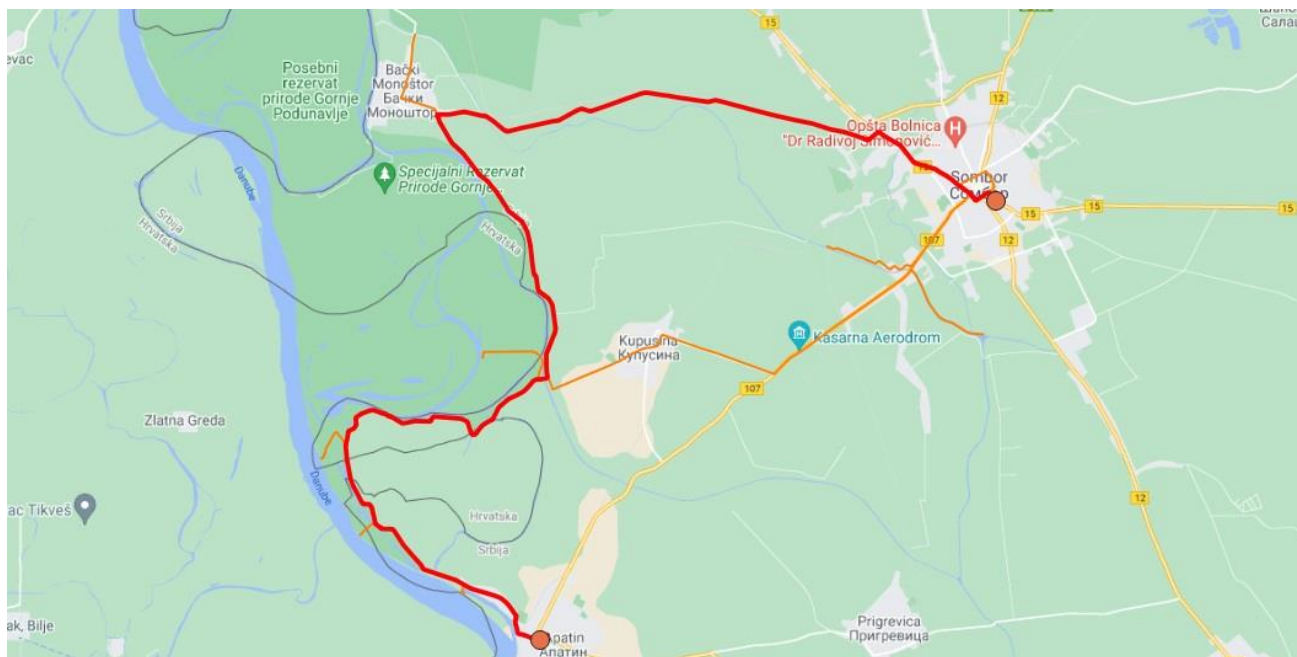
### 4.15.1. Basic information

**Start point of the daily stage:** Apatin (Serbia) city centre. Coordinates: 45.674167, 18.979084

**End point of the daily stage:** Sombor, Park Heroja: Coordinates: 45.769303, 19.119868

**Length of the daily stage:** 36,8 km (7,49 km – 20 % is unpaved)

**Length of the detour(s):** 24,26 km (6,48 km – 27% is unpaved)



30. Figure: Map of S15 stage, Apatin - Sombor

### 4.15.2. Changes compared to the route plan

There was a change in terms of road quality: The 7,5 km long section before Bački Monoštor was improved in 2021. Now, the road is filled with sand and gravel, stabilized, levelled, and it will be asphalted in 2022.

The location of a resting place has been also modified; the infrastructure element is placed at Marina Apatin instead of Apatin city beach.

The exact place of the starting point and the large info board in Sombor had to be modified. It was planned to be placed in front of the town hall, but due to the ongoing reconstruction works, it was moved to the Park Heroja.

### 4.15.3. Short summary of the stage

The entire length of the 15<sup>th</sup> southern stage belongs to Serbia, it can be split into 3 different sections. First 14 km from Apatin is an asphalted embankment, which is allowed for motorized traffic, but its volume is very low therefore it is comfortable for cyclists. The second 7,5 km before Bački Monoštor is unpaved, while the remaining 14,5 km between Bački Monoštor and Sombor runs on asphalted public roads where the higher

traffic level can be a factor. The stage contains considerable length of detours, including a connection to Sombor via Kupusina. This is listed as a detour, but rather can be described as an alternative route to reach the stage end point. This is a shortcut compared to the main route, which stays closer to the Danube in longer distance. Stage S15 can provide nature experience, the route is well-rideable in general, but public roads with higher traffic may require more attention from cyclists' side.

#### 4.15.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S15/1	City center of Apatin 45.674167, 18.979084	Dunavska ulica 45.674300, 18.971277	0,75 km	municipality roads	asphalt			***
S15/2	Dunavska ulica	Town beach, restaurant Plava Ruza 45.685239, 18.952972	2,08 km	bicycle path	asphalt			***
S15/3	Town beach, restaurant Plava Ruza	Charda „Harčaš“ 45.698860, 18.924863	2,78 km	embankment with low traffic	asphalt			***
S15/4	Charda „Harčaš“	Crossroads near Camping Apatin 45.716027, 18.915674	2,2 km	embankment with low traffic	asphalt			***
S15/5	Crossroads near Camping Apatin	Charda“ Brunai“ 45.722836, 18.927461	1,55 km	embankment with low traffic	asphalt			***
S15/6	Charda“ Brunai“	Charda “Pčela“ 45.722380, 18.942390	1,35 km	embankment with low traffic public road	asphalt			***
S15/7	Charda “Pčela“	DTD canal crossing point 45.730708, 18.979282	3,67 km	embankment with low traffic public road	asphalt			***
S15/8	DTD canal crossing point	Bački Monoštor south 45.788549, 18.944280	7,49 km	forest road	stabilised gravel <sup>4</sup>			**
S15/9	Bački Monoštor south	Intersection- Monostorski Put and road 15 Sombor-Bezdan 45.784784, 19.083319	11,38 km	public road with medium traffic	asphalt	405		***
S15/10	Intersection- Monostorski Put and	Sombor, intersection Laze	2,74 km	public road	asphalt	15		***

<sup>4</sup> It will be asphalted in 2022

	road 15 Sombor-Bezdan	Kostića and Venac Petra Bojovića 45.771340, 19.112221						
S15/11	Sombor, intersection Laze Kostića and Venac Petra Bojovića	Sombor, Park Heroja 45.769303, 19.119868	0,78 km	municipality roads	asphalt			***
* -								
<b>DETOURS</b>								
S15/D1	Town beach, restaurant Plava Ruza	Town beach, river viewpoint 45.683498, 18.953372	0,27 km		asphalt, dirt mix			***
S15/D2	Charđa „Harčaš“	River viewpoint 2 45.696249, 18.920264	0,51 km	forest road	dirt			**
S15/D3	Crossroads near Camping Apatin	Riverbank, river viewpoint 3 45.713154, 18.908005	1,18 km		dirt			**
S15/D4-	DTD canal crossing point	Štuka čarda 45.735098, 18.958588	2,15 km	forest road	dirt			**
S15/D5-1	DTD canal crossing point	Intersection road 107 south of Kupusina 45.731581, 19.050647	6,31 km	public and municipality roads	asphalt			***
S15/D5-2	Intersection road 107 south of Kupusina	Bridge over the canal, southwest of Sombor 45.756245, 19.095231	4,45 km	public road	asphalt	107		***
S15/D5-3	Bridge over the canal, southwest of Sombor	Sombor, intersection Laze Kostića and Venac Petra Bojovića 45.771340, 19.112221	2,18 km	bicycle path	asphalt			***
S15/D5-3a	Bridge over the canal, southwest of Sombor	River viewpoint south of the bridge (Tromeđa) 45.740288, 19.116366	2,77 km		asphalt, dirt			**
S15/D5-3b	Bridge over the canal, southwest of Sombor	River viewpoint, north of the bridge 45.759572, 19.067483	2,51 km		asphalt, paving stones			***
S15/D6	Sombor, intersection Laze Kostića and Venac Petra Bojovića 45.771340, 19.112221	Sombor, intersection Venac Radomira Putnika and Radisceva	1,39 km	bicycle path	asphalt			***



		45.775212, 19.114859					
S15/D6-2	Sombor, intersection Venac Radomira Putnika and Radisiceva	Sombor, intersection Venac Petra Bojovića and Venac Radomira Putnika 45.772862, 19.109018	0,54 km	municipality road	asphalt		***

47. Table: Subsections of S15 stage



31. Figure: Embankment with asphalt road between Apatin and DTD canal



32. Figure: Asphalted road with very low traffic west of Kupusina

#### 4.15.5. Implemented infrastructure

Four large info boards have been placed along stage S15, besides the two stage points (Apatin and Sombor), there are two other sites equipped with large info board between Apatin and Kupusina: Čarda "Pčela" and the bridge over the Danube-Tisa-Danube canal. Bicycle racks also can be found at all these places excepting at the





start point in Apatin. There are many resting places along the stage. The first one with sitting elements is at Marina Apatin, and further resting places have been installed inside and around city of Sombor. The one that is located south of Sombor (Tromeđa) is without benches but equipped with a small and a large info panel with relevant information and a bike rack. Northwest of the city (Monoštorski Put) there is another without sitting elements but with bike rack, while at the city center (at Museum Sombor) the resting place is constructed together with benches and bike rack. In addition, a small info board and another small info panel are placed there as well. Total number of resting places along the stage is four, all of them are equipped with large info panel with map and information about the “must see” points.

Placement of signposts and road signs was in accordance with the traffic signalization project, to which the related ministry gave its consent and permits from both the ministry and the local self-government. The road signs include the names of the settlements both with Cyrillic and Latin scripts. Total number of placed road signs regarding stage S15 is 22.



33.. Figure: Signs on Apatin-Sombor section

## Stage S15

Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S15	45.673230	18.975355	Apatin, Serbia
				
2.	Large info board with bike rack	45.72289	18.94249	Kupusina (Čarda „Pčela“)
				
3.	Large info board with bicycle rack	45.730587	18.978001	Kupusina




				
4.	Resting place	45.678088	18.967586	Apatin
				
5.	Resting place with large and small info panels and bicycle rack	45.740865	19.117238	Sombor – Tromeđa
				
6.	Resting place with large info panel and bicycle rack	45.784394	19.083182	Sombor



				
7.	Resting place with large info panel and bicycle rack	45.771805	19.111863	Sombor
				
8.	Small info board and info panel	45.771805	19.111863	Sombor
				
9.	Large info board, end point of stage S15	45.769303	19.119868	Sombor



48. Table: Installed infrastructure elements along stage S15

<i>image</i>	<i>direction</i>	<i>total</i>	<i>with 1 logo</i>
	left	9	9
	right	12	12
	information panel	1	1
	<b>Total</b>	<b>22</b>	

49. Table: Number and type of the used signs along stage S15



## Stage S15 – road signs<sup>5</sup>

nr.	coordinates of the location		type of the sign (direction)	Content	
	x	y		Text and distance	logo(s)
1.	45.731533 0506	19.05077 47733	right	Купусина/Kupusina 2.9 Сомбор/Sombor 6.6	AoE BT
			left		
2.	45.738723 7961	19.06354 1943	right	Купусина/Kupusina 4.2 Сомбор/Sombor 5.3	AoE BT
			left		
3.	45.756184 465	19.09536 95332	left	Сомбор/Sombor 2.4 Купусина/Kupusina 7.3 Тромеђа/Tromedja 2.9 Железнички мост/Railway Bridge 2.3	AoE BT
			right		
			right		
			right		
4.	45.754356 2868	19.09365 78978	left	Тромеђа/Tromedja 2.7 Железнички мост/Railway Bridge 2.1	AoE BT
			right		
5.	45.740558 891	19.11296 6964	right	Тромеђа/Tromedja 0.3	AoE BT
6.	45.770926 3784	19.11235 42307	right	Купусина/Kupusina 9.4 Сомбор/Sombor 0.3	AoE BT
			left		
7.	45.771634 5655	19.11164 88603	left	Сомбор/Sombor 0.2 Сомбор/Sombor 0.2 Б.Моноштор/Monostor 15.1 Купусина/Kupusina 9.5 info panel	AoE BT
			right		
			left		
			right		
8.	45.776745 5931	19.10134 32981	left	Сомбор/Sombor 1.1 Б.Моноштор/B.Monostor 14.1 Б.Моноштор/B.Monostor 14.0	AoE BT
			right		
			left		
			right		

<sup>5</sup> Not a complete list. Including the road signs from Kupusina to Sombor and from Bački Monoštor to Sombor

				Сомбор/Sombor 1.1	
9.	45.777955 639	19.09511 68404	left right	Б.Моноштор/В.Monostor 13.6 Сомбор/Sombor 1.6	АоЕ ВТ
10.	45.784822 6516	19.08337 23015	left right	Б.Моноштор/В.Monostor 12.4 Сомбор/Sombor 2.8	АоЕ ВТ
11.	45.788300 3947	18.95797 90861	right left right right	Бездан/Bezdan 8.6 Сомбор/Sombor 13.1 Апатин/Apatin 22.7 Б.Моноштор/В.Monostor 2.1	АоЕ ВТ
12.	45.788556 0741	18.94414 32265	right left left right	Сомбор/Sombor 14.2 Сомбор/Sombor 14.2 Апатин/Apatin 21.6 Б.Моноштор/В.Monostor 1.0	АоЕ ВТ

50. Table: Locations and other features of the used signs on certain part of stage S15 (Kupusina-Sombor)

## 4.16. S16 Sombor (SRB) – Mohács (HU)

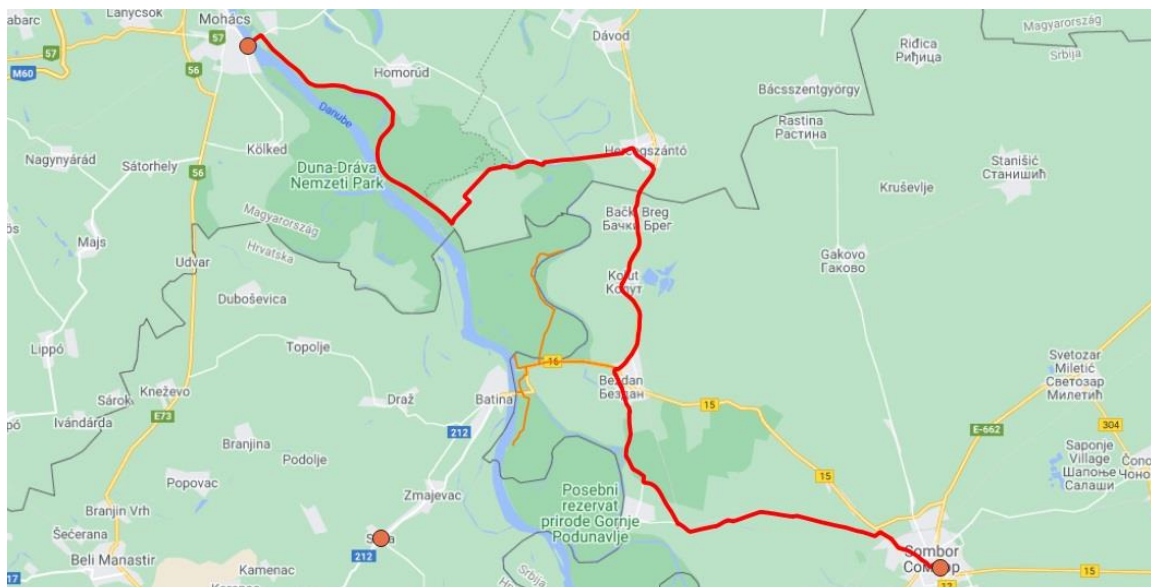
### 4.16.1. Basic information

**Start point of the daily stage:** Sombor (Serbia), Park Heroja; coordinates: 45.769303, 19.119868

**End point of the daily stage:** Mohács (Hungary), Szent János street (ferry port); coordinates: 45.992770, 18.693759

**Length of the daily stage:** 60,9 km (17,67 km – 29 % is unpaved)

**Length of the detour(s):** 21,11 km (7,27 km – 34 % is unpaved)



34. Figure: Map of S16 stage, Sombor - Mohács

### 4.16.2. Changes compared to the route plan

The exact place of the starting point and the large info board in Sombor had to be modified. It was planned to be placed in front of the town hall, but due to the ongoing reconstruction works, it was moved to the Park Heroja which is really close to the originally planned location.

Regarding the infrastructure elements, another resting place has been added to the section Sombor - Bački Monoštor.

### 4.16.3. Short summary of the stage

The last stage of the south route includes 60 km main route and 21 km of detours, one third of it runs on unpaved surface. The main route is a relatively direct connection between the two stage points, consisting of asphalted public roads on the Serbian side, and a longer embankment section on the Hungarian side. Considering the long total length (main route and detours altogether) and the position of the detours compared to the main route, every kilometer of the daily stage may be challenging to be completed for some

cyclists within one day. Therefore, the importance of daily itinerary planning beforehand can be emphasized.

Cyclists finish in Újmohács, where need to use the ferry to get the city on the other side of river Danube.

#### 4.16.4. Information about the route and its condition

	Start point	End point	Length	Type of road	Type of the surface	Road no.	Traffic (AADT)	Quality
<b>MAIN ROUTE</b>								
S16/1	Sombor, Park Heroja 45.769303, 19.119868	Sombor, intersection Laze Kostića and Venac Petra Bojovića 45.771340, 19.112221	0,78 km	municipality roads	asphalt			***
S16/2	Sombor, intersection Laze Kostića and Venac Petra Bojovića	Intersection- Monostorski Put and road 15 Sombor-Bezdan 45.784784, 19.083319	2,74 km	public road	asphalt	IB-15		***
S16/3	Intersection- Monostorski Put and road 15 Sombor- Bezdan	Bridge, east of Bački Monoštor 45.788386, 18.957960	10,29 km	public road with medium traffic	asphalt	O-405		***
S16/4	Bridge, east of Bački Monoštor	Bački Monoštor, north 45.806050, 18.937473	2,72 km		dirt			*
S16/5	Bački Monoštor, north	Bezdan, north 45.854704, 18.921004	6,05 km	public, road, municipality roads	asphalt	O-405		***
S16/6	Bezdan, north	Border crossing Bački Breg – Hercegszántó 45.930592, 18.935395	9,48 km	public road	asphalt	IB-15		***
S16/7	Border crossing Bački Breg - Hercegszántó	Hercegszántó, south 45.940874, 18.944154	1,35 km	public road	asphalt	51		***
S16/8	Hercegszántó, south	Hercegszántó, centre 45.949374, 18.931321	1,46 km	municipality roads	asphalt			***
S16/9	Hercegszántó, centre	Budzsák 45.943297, 18.876289	4,36 km	public road	asphalt	5151		**
S16/10	Budzsák	Embankment, southwest of Hoduna 45.916991, 18.819727	6,29 km	public road	asphalt	51148		**
S16/11	Embankment, southwest of Hoduna	Mohács, intersection of	14,95 km	embankment	gravel			**

		Szegedi út and embankment 45.997659, 18.702302						
S16/12	Mohács, intersection of Szegedi út and embankment	Mohács, ferry 45.995575, 18.697929	0,4 km	public road	asphalt	5107		***
<b>DETOURS</b>								
S16/D1	Bački Monoštor north	Bački Monoštor south 45.788549, 18.944280	3,89 km	public road	asphalt			***
S16/D2-1	Bezdan, north	Intersection-1 road nr. 16 45.856693, 18.871700	3,75 km	public road	asphalt	IB-16		***
S16/D2-2	Intersection-1 road nr.16	Intersection-2 – road nr 16 . 45.855531, 18.865226	0,61 km	public road	asphalt	IB-16		***
S16/D2-2a	Intersection-1 road nr.16	River viewpoint 1, south of Bački Breg 45.905397, 18.887845	7,17 km		dirt			**
S16/D2-3	Intersection-2 – road nr 16	Intersection 3 – road nr 16 45.852138, 18.865683	0,42 km	public road	asphalt	IB-16		***
S16/D2-3a	Intersection-2 – road nr 16.	Čarda "Pikec", river viewpoint 2 45.860496, 18.858548	1,09 km		asphalt			***
S16/D2-4	Intersection 3 – road nr 16	Intersection to river, near Danube bridge 45.844972, 18.862674	1,02 km		asphalt			***
S16/D2-5	Intersection to river, near Danube bridge	Intersection to Daraži Fok 45.822073, 18.857426	2,96 km		asphalt road on embankment			***
S16/D2-5a	Intersection to river, near Danube bridge	Čarda and river viewpoint 3 45.845290, 18.860554	0,2 km		asphalt, dirt			**


51. Table: Subsections of S16 stage



#### 4.16.5. Implemented infrastructure

Regarding stage S16 two large info boards have been placed at the two stage points. In Sombor, the large info board can be found in the city center (in the Heroes Park), while the other one is located very close to the port of the ferry in Mohács. There are many infrastructure elements in mid-stage, altogether five additional resting places can be found between the two stage points, each of them is equipped with bike rack and large info panel with the map of the stage and information about the “must see” points. In addition, there is a small info board as well at the Rivers’cool facility northwest of Bezdan.

Placement of signposts and road signs was in accordance with the traffic signalization project, to which the related ministry gave its consent and permits from both the ministry and the local self-government. The road signs include the names of the settlements both with Cyrillic and Latin scripts. Total number of placed road signs regarding stage S16 is 75 on 37 locations. In Serbia, only large signs were used indicating direction and settlement names, while two sizes or signs can be found on the Hungarian side. Smaller signs showing the direction, only large signs have textual content.

Stage S16				
Nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Name of the location
1.	Large info board, start point of stage S15	45.769303	19.119868	Sombor, Serbia
				
2.	Resting place with large info panel and bicycle rack	45.784394	19.083182	Sombor, Serbia









				
3.	Resting place with large info panel and bicycle rack	45.771805	19.111863	Sombor, Serbia
				
4.	Small info board and info panel	45.771805	19.111863	Sombor, Serbia
				
5.	Resting place with small info board (info panel) and bicycle rack	45.79252	18.9331	Bački Monoštor, Serbia



				
6.	Resting place with bicycle rack	45.852103	18.920472	Bezdan, Serbia
				
7.	Resting place and bicycle rack	45.849896	18.860614	Museum Batinske bitke, Bezdan, Serbia
				

8.	Small info board	45.894061	18.869589	Rivers'cool near Bezdán, Serbia
				
9.	Large info board, end point of stage S16 and the whole Amazon of Europe Bike Trail	45.992195	18.694243	Mohács, Hungary
				

52. Table: Installed infrastructure elements along stage S16

<i>image</i>	<i>direction</i>	<i>total</i>
	left	27
	right	26
<b>Number of signs in Serbia:</b>		<b>53</b>
	right	1
	left	1
	straight	7
	right	5
	left	6
	straight	12
<b>Number of signs in Hungary:</b>		<b>32</b>
<b>TOTAL NUMBER OF ROAD SIGNS:</b>		<b>75</b>

53. Table: Number and type of the used signs on the Serbian and Hungarian parts of stage S16



Stage S16 - road signs					
nr.	coordinates of the location		type of the sign (direction)	Content	
	x	y		Text and distance [km]	logo(s)
<b>Serbia</b>					
1.	45.792236 7977	18.933203149 9	right left	Бездан/Bezdan 7.5 Сомбор/Sombor 15.2	АоЕ ВТ
2.	45.805937 9346	18.937521018 6	right left right	Бездан/Bezdan 6.0 Сомбор/Sombor 15.7 Б.Моноштор/В.Monostor 1.6	АоЕ ВТ
3.	45.814569 6789	18.929211314 9	left right	Бездан/Bezdan 4.7 Б.Моноштор/В.Monostor 2.9	АоЕ ВТ
4.	45.847359 1871	18.923797043 2	left right	Бачки Брег/Backi Breg 9.0 Б.Моноштор/В.Monostor 6.7	АоЕ ВТ
5.	45.847131 5118	18.921668201 5	right left	Бачки Брег/Backi Breg 8.8 Б.Моноштор/В.Monostor 6.6	АоЕ ВТ
6.	45.850183 2813	18.921747633 4	left right	Бачки Брег/Backi Breg 8.4 Б.Моноштор/В.Monostor 7.3	АоЕ ВТ
7.	45.854720 5378	18.920883189 9	right left left right left right	Бачки Брег/Backi Breg 8.1 Батина/Vatina 7.6 Бачки Брег/Backi Breg 8.1 Батина/Vatina 7.6 Б.Моноштор/В.Monostor 7.5 Б.Моноштор/В.Monostor 7.5	АоЕ ВТ
8.	45.854287 8982	18.921337138 7	left right	Бачки Брег/Backi Breg 8.1	

				Б.Моноштор/В.Monostor 7.5	
9.	45.859788 7473	18.92893634	left	Б.Моноштор/В.Monostor 8.3	АоЕ ВТ
10.	45.892034 9667	18.925327945 3	right left	Бездан/Bezdan 3.2 Бачки Брег/Backi Breg 8.1	АоЕ ВТ
11.	45.919120 75	18.933381386 9	right left	Сантово/Hercegszanto 4.0 Бездан/Bezdan 6.4	АоЕ ВТ
12.	45.856860 43	18.873387903 8	left right right right left left	Бездан/Bezdan 3.9 Батина/Batina 3.9 Еко центар/River'scool 4.7 Кенђија/Kendjija 2.7 Еко центар/River'scool 4.7 Кенђија/Kendjija 2.7	АоЕ ВТ
13.	45.879873 429	18.882867646 2	left	Еко центар/River'scool 2.0	АоЕ ВТ
14.	45.855285 8801	18.865193605	right left	Бездан/Bezdan 4.5 Барачка/Baracka 0.4	АоЕ ВТ
15.	45.855863 316	18.866240326	left left	Батина/Batina 3.3 Барачка/Baracka 0.5	АоЕ ВТ
16.	45.855328 6995	18.863633812 2	left right	Бездан/Bezdan 4.6 Батина/Batina 3.3	АоЕ ВТ
17.	45.852120 5105	18.865778326 1	left left left right right right	Даражи фок/Darazi fok 4.0 Чарда Чонк/Conk Charda 1.1 Музеј Батинске битке/Museum of Battle of Batina 0.5 Даражи фок/Darazi fok 4.0 Чарда Чонк/Conk Charda 1.1 Музеј Батинске битке/Museum of Battle of Batina 0.5 Бездан/Bezdan 4.9	АоЕ ВТ

			left right	Батина/Batina 2.8	
18.	45.850264 0509	18.862256922 2	right right	Даражи фок/Darazi fok 3.6 Чарда Чонк/Conk Charda 0.7	AoE BT
19.	45.845086 8336	18.862558323 9	left right	Даражи фок/Darazi fok 3.0 Чарда Чонк/Conk Charda 0.1	AoE BT
20.	45.848474 396	18.866638877 7	left right	Бездан/Bezdan 5.3 Батина/Batina 2.4	AoE BT
<b>Hungary<sup>6</sup></b>					
21.	45.932190	18.936653	straight (L) straight (L)	Mohács 29 km, Hercegszántó 1 km / Zombor (SRB) 28 km	AoE BT, Három folyó, 2, EV6
22.	45.938225	18.943080	left (S) straight (L)	- Zombor (SRB) 28 km	AoE BT, Három folyó, 2, EV6
23.	45.949256	18.931159	left (S) right (S)	- -	AoE BT, Három folyó, 2, EV6
24.	45.946996	18.923022	straight (L)	Mohács 25 km Budzsák 3,4 km	AoE BT, Három folyó, 2, EV6
25.	45.943640	18.881552	straight (L)	Hercegszántó 3,4 km	AoE BT, Három folyó, 2, EV6
26.	45.943403	18.876233	left (S) right (S)	- -	AoE BT, Három folyó, 2, EV6
27.	45.941195	18.857669	straight (S) straight (S)	- -	AoE BT, Három folyó, 2, EV6
28.	45.929229	18.827957	straight (L)	Hercegszántó 8 km Budzsák 4,7 km	AoE BT, Három folyó, 2, EV6
29.	45.927230	18.829339	straight (L)	Udvar 41 km Mohács 17 km	AoE BT, Három folyó, 2, EV6
30.	45.926269	18.830713	left (S) right (S)	- -	AoE BT, Három folyó, 2, EV6
31.	45.916934	18.819781	left (S) right (S)	- -	AoE BT, Három folyó, 2, EV6

<sup>6</sup> Letters L and S refer to the size of the signs: S- small, L- large

32.	45.926738	18.802848	straight (S) straight (S)	- -	AoE BT, Három folyó, 2, EV6
33.	45.945464	18.773517	straight (S) straight (S)	- -	AoE BT, Három folyó, 2, EV6
34.	45.968246	18.779053	straight (S) straight (S)	- -	AoE BT, Három folyó, 2, EV6
35.	45.973086	18.766478	straight (S) straight (S)	- -	AoE BT, Három folyó, 2, EV6
36.	45.978808	18.729078	straight (S) straight (S)	- -	AoE BT, Három folyó, 2, EV6
37.	45.997588	18.702420	left (S) right (S) left (L) right (L)	- - Udvar 27 km Mohács 1 km / Hercegszántó 25 km Hóduna 16 km	2,4, EV6, EV13 / 4, EV13, AoE BT, Három folyó / AoE BT, Három folyó

54. Table: Locations of the placed signposts along stage S16

## ANNEXES

### 1. annex: Location of every large info board along the Amazon of Europe Bike Trail

Large info boards				
nr.	Latitude (in google map form)	Longitude (in google map form)	Settlement	Country
1.	46.704679	15.770654	Mureck	Austria
2.	46.678866	16.040981	Sodišinci	Slovenia
3.	46.638579	16.165581	Murska Sobota	Slovenia
4.	46.580384	16.208398	Ižakovci	Slovenia
5.	46.559255	16.249593	Gornja Bistrica	Slovenia
6.	46.573569	16.344325	Velika Polana	Slovenia
7.	46.555903	16.461126	Lendava	Slovenia
8.	46.434723	16.724399	Letenye	Hungary
9.	46.241567	16.978926	Gyékényes	Hungary
10.	46.227904	17.363107	Nagyatád	Hungary
11.	45.946315	17.465375	Barcs	Hungary
12.	45.800632	18.098088	Szaporca	Hungary
13.	45.866747	18.451242	Villány	Hungary
14.	45.55919	18.69895	Osijek	Croatia
15.	45.78166	18.77562	Suza	Croatia
16.	45.992195	18.694243	Mohács	Hungary
17.	46.708276	15.799062	Vratja vas	Slovenia
18.	46.684099	15.963576	Podgrad	Slovenia
19.	46.640931	16.044233	Radenci	Slovenia
20.	46.595475	16.103442	Vučja vas	Slovenia
21.	46.580366	16.164572	Veržej	Slovenia
22.	46.51632	16.43476	Mursko Središće	Croatia
23.	46.32251	16.78105	Donji Vidovec	Croatia
24.	46.32367	16.60507	Prelog	Croatia
25.	46.162455	16.841791	Koprivnica	Croatia
26.	46.039070	17.066494	Đurđevac	Croatia
27.	45.9710249	17.2228496	Pitomača	Croatia
28.	45.8888289	17.4208190	Kapela Dvor	Croatia
29.	45.7788377	17.8312060	Noskovci	Croatia
30.	45.68788	18.40128	Belišće	Croatia
31.	45.52457	19.06248	Erdut	Croatia
32.	45.536319	19.082101		Serbia
33.	45.669533	18.969912	Apatin	Serbia
34.	45.673230	18.975355	Apatin	Serbia



35.	45.72289	18.94249	Kupusina	Serbia
36.	45.730587	18.978001	Kupusina	Serbia
37.	45.769303	19.119868	Sombor	Serbia

## 2. annex: Location of every small info boards along the Amazon of Europe Bike Trail

Small info boards				
nr.	Latitude (in google map form)	Longitude (in google map form)	Settlement	Country
1.	46.723358	15.892370	Donnersdorf	Austria
2.	46.46581	16.61411	Dekanovec	Croatia
3.	46.36649	16.79607	Kotoriba	Croatia
4.	46.295154	16.866960	Legrad	Croatia
5.	46.249563	16.862184	Đelekovec	Croatia
6.	46.150990	16.968948	Hlebine	Croatia
7.	46.106126	17.031770	Molve	Croatia
8.	46.145728	17.083593	Repaš	Croatia
9.	46.099503	17.126483	Novo Virje	Croatia
10.	46.074273	17.204909	Ferdinandovac	Croatia
11.	46.022968	17.253178	Brodić	Croatia
12.	45.9329801	17.3679360	Okrugljača	Croatia
13.	45.8882906	17.3764755	Bušetina, Turanovac	Croatia
14.	45.8247314	17.7361441	Sopje	Croatia
15.	45.8989308	17.6006781	Liman	Croatia
16.	45.7996105	17.8055558	Noskovci	Croatia
17.	45.7828090	17.9097659	Ilmin Dvor	Croatia
18.	45.75781	18.14798	Donji Miholjac	Croatia
19.	45.52444	18.84154	Sarvaš	Croatia
20.	45.53060	18.94566	Aljmaš	Croatia
21.	45.54393	18.91963	Aljmaš	Croatia
22.	45.771805	19.111863	Sombor	Serbia
23.	45.894061	18.869589	Bezdan	Serbia

### 3. annex: Location of every resting places along the Amazon of Europe Bike Trail

Resting places				
nr.	Latitude (in google map form)	Longitude (in google map form)	Settlement	Country
1.	46.390531	16.755113	Letenye	Hungary
2.	46.297472	16.894814	Őrtilos	Hungary
3.	46.32527	16.87102	Veliki Pažut	Croatia
4.	46.36003	16.32674	Gornji Hrašćan	Croatia
5.	46.244263	16.927163	Šoderica	Croatia
6.	46.133557	17.056089	Čingi Lingi	Croatia
7.	45.9355389	17.4620923	Terezino Polje	Croatia
8.	45.76450	18.16518	Donji Miholjac	Croatia
9.	45.57400	18.64346	Osijek	Croatia
10.	45.559476	19.012958	Sonta	Serbia
11.	45.678088	18.967586	Apatin	Serbia
12.	45.740865	19.117238	Sombor	Serbia
13.	45.784394	19.083182	Sombor	Serbia
14.	45.771805	19.111863	Sombor	Serbia
15.	45.79252	18.9331	Bački Monoštor	Serbia
16.	45.852103	18.920472	Bezdan	Serbia
17.	45.849896	18.860614	Bezdan	Serbia

### 4. annex: Location of other type of elements along the Amazon of Europe Bike Trail

Other infra elements					
nr.	Type	Latitude (in google map form)	Longitude (in google map form)	Settlement	Country
1.	bicycle repair stand	46.434723	16.724399	Letenye	Hungary
2.	bicycle repair stand	46.390531	16.755113	Letenye	Hungary
3.	bicycle repair stand	46.297472	16.894814	Őrtilos	Hungary
4.	bicycle repair stand	45.70393	18.43163	Belišće	Croatia
5.	bicycle repair stand	45.67533	18.81330	Kozjak	Croatia

6.	bicycle repair stand	46.46581	16.61411	Dekanovec	Croatia
7.	bicycle repair stand	46.32251	16.78105	Donji Vidovec	Croatia
8.	bicycle repair stand	46.32367	16.60507	Prelog	Croatia
9.	bicycle repair stand	46.244263	16.927163	Šoderica	Croatia
10.	bicycle repair stand	46.133557	17.056089	Čingi Lingi	Croatia
11.	bicycle repair stand	45.9721589	17.3574782	Križnica	Croatia
12.	bicycle repair stand	45.9355389	17.4620923	Terezino Polje	Croatia
13.	bicycle repair stand	45.8469552	17.6261359	Budakovac	Croatia
14.	bicycle repair stand	45.8302318	17.7102031	Kapinci	Croatia
15.	bicycle repair stand	45.7799570	17.8305266	Noskovci	Croatia
16.	bicycle repair stand	45.76450	18.16518	Donji Miholjac	Croatia
17.	bicycle repair stand	45.57400	18.64346	Osijek	Croatia
18.	bike racks	46.390531	16.755113	Letenye	Hungary
19.	bike racks	46.297472	16.894814	Órtilos	Hungary
20.	bike racks	46.46581	16.61411	Dekanovec	Croatia
21.	bike racks	46.51632	16.43476	Mursko Središće	Croatia
22.	bike racks	46.36649	16.79607	Kotoriba	Croatia
23.	bike racks	46.32251	16.78105	Donji Vidovec	Croatia
24.	bike racks	46.36003	16.32674	Gornji Hrašćan	Croatia
25.	bike racks	46.32367	16.60507	Prelog	Croatia
26.	bike racks	46.244263	16.927163	Šoderica	Croatia
27.	bike racks	46.133557	17.056089	Čingi Lingi	Croatia
28.	bike racks	45.9591732	17.3100560	Križnica	Croatia
29.	bike racks	45.8889814	17.4187593	Kapela Dvor	Croatia
30.	bike racks	45.9355389	17.4620923	Terezino Polje	Croatia
31.	bike racks	45.8469552	17.6261359	Budakovac	Croatia
32.	bike racks	45.7799570	17.8305266	Noskovci	Croatia
33.	bike racks	45.536319	19.082101	Special Reserve	Serbia
34.	bike racks	45.559476	19.012958	Sonta	Serbia
35.	bike racks	45.72289	18.94249	Kupusina	Serbia
36.	bike racks	45.730587	18.978001	Kupusina	Serbia
37.	bike racks	45.740865	19.117238	Sombor	Serbia

38.	bike racks	45.784394	19.083182	Sombor	Serbia
39.	bike racks	45.771805	19.111863	Sombor	Serbia
40.	bike racks	45.769303	19.119868	Sombor	Serbia
41.	bike racks	45.79252	18.9331	Bački Monoštor	Serbia
42.	bike racks	45.852103	18.920472	Bezdan	Serbia
43.	bike racks	45.849896	18.860614	Bezdan	Serbia
44.	E-bike charger	46.620553	16.532699	Lenti	Hungary
45.	solar bench	45.8889814	17.4187593	Kapela Dvor	Croatia
46.	solar bench	45.8469552	17.6261359	Budakovac	Croatia
47.	solar bench	45.7799570	17.8305266	Noskovci	Croatia
48.	solar bench	45.9355389	17.4620923	Terezino Polje	Croatia
49.	solar lamp	46.297472	16.894814	Őrtilos	Hungary
50.	solar lamp	46.390531	16.755113	Letenye	Hungary