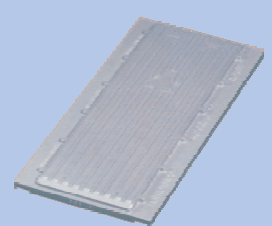




**digest**

**TRAFFIC COUNTING  
ON THE ROADWAYS  
OF CROATIA IN 2018**

**ZAGREB, 2019**



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Legal heir to the Traffic Science Institute. Zagreb

## **TRAFFIC COUNTING ON THE ROADWAYS OF CROATIA IN 2018 – digest**

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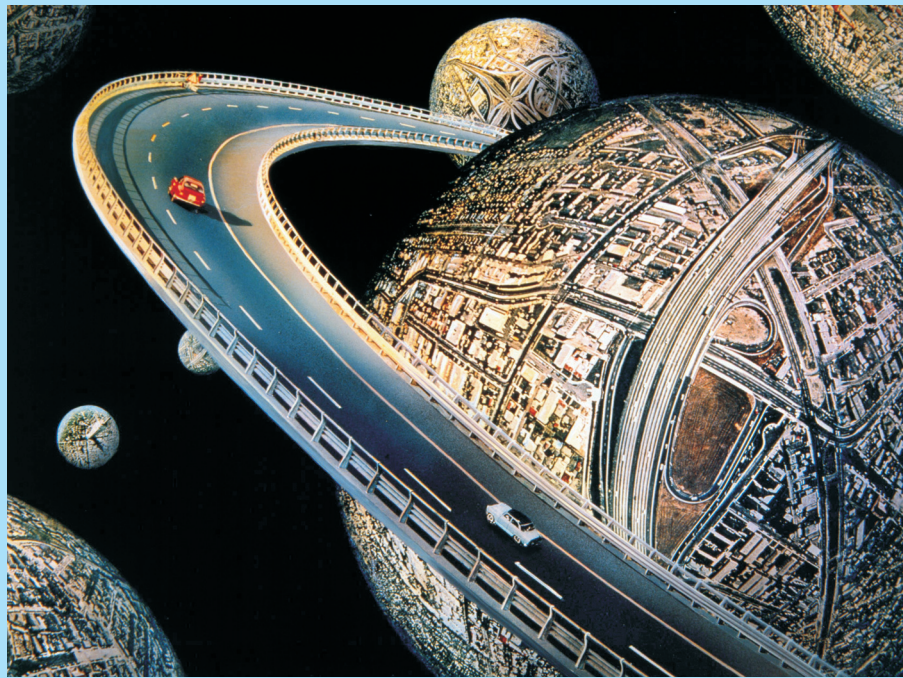
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# INTRODUCTION

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## 1. INTRODUCTION

"Traffic Counting on the Roadways of Croatia in 2018" contains selected results of traffic counting on Croatian roads during the year 2018. Systematic traffic monitoring and data collection on the roadways of the Republic of Croatia began in 1971. A traffic counting program that was in the year 2018 implemented for the forty-eighth time in succession, served to collect essential data about the traffic flow characteristics. This created a basis for publishing "Traffic Counting on the Roadways of Croatia in 2018", where basic, and selected information obtained through this program, as well as the results of a subsequent data analysis, were comprehensively brought out.

The importance of continuous creation of a traffic information database is manifold. Analysis of the data collected through the counts, and afterwards thoroughly processed, enables grasping the basics of roadway traffic. These concepts are indispensable for conceiving and carrying out an efficient traffic policy, and knowledge acquired this way is absolutely necessary for putting in place a sensible road management program. A rational and efficacious management, comprising research, planning, design, construction, rebuilding, and maintenance of the roads would be, otherwise, nowadays virtually impossible.

The objectives of traffic counting are recognized as systematic collection of data on traffic volume and patterns, together with temporal, i.e. daily, monthly, and yearly, variations cross the whole roadway network. A special emphasis is put on the roads of international significance, since the indicated targets conform to the Recommendations of the Interior traffic Committee of the Economic Commission for Europe of the UN. Therefore, certain results of the traffic counts performed in Croatia during 2018 will be, besides domestic users, delivered to the users outside the country.

Traffic counting objectives determine the contents of the publication and its digest. Therefore, published

data has been presented by road classes and by types of data collection. Additionally, the data on vehicles transported by Croatian domestic ferry lines is presented. Chosen results of the traffic counting analysis for the year 2018 have been given both analytically and graphically. Likewise, the publication and its digest encompass descriptions and central points of the data acquisition and the subsequent analysis.

Ever since the start of a systematic traffic counting process in Croatia, in 1971, its continuous development has been under way. The research portion of that work has been contributing on its own, particularly regarding the methodological, technical, and technological components. The traffic counting system was gradually being enhanced and enriched according to a plan. Presentation of the results of a respective data analysis accompanied that development as well. In the year 2018, dedicated report targeting free flow vehicle speeds on the State roads was produced for the sixth time, based on previously established methodology. This time this report included data for 350 counting posts.

A regular annual publication containing traffic data, both printed and digital, ensures continuity regarding the data presentation, considering its comparability with data discussed in a number of previous publications. Regarding the periodicity of the publication and its digest, and in order to make it simple for a reader to work through it, the fore-mentioned comparability with the earlier published data has been retained. Therefore, this digest has preserved its obvious contents and looks, this time consisting of six chapters.

Following *the first chapter "Introduction"*, the *second chapter* goes on to present historical review of traffic counting and describe the basic characteristics of the methodology of data collection, processing and presentation, under the title of **"Traffic Counting System on the Roadways of Croatia"**. That description is given according to the methods of

counting currently in use inside the country. These methods include automatic counts, continuous and periodical, together with toll-paid vehicle counts. Moreover, similar to the past publications, this chapter contains the basic facts on the roadway infrastructure (length of classified roads), the road vehicles (number of registered vehicles by categories), and the state of security of the road traffic (number of dead and injured persons, along with the count of accidents). A short, generalized, analysis of the traffic counting results for the year 2018 is given at the end of the chapter.

*The third chapter* bears the title "**AADT and ASDT with General Data on Count Sites and Sections**". The calculated AADT and ASDT values at particular counting sites represent its basic contents, and the values of AADT and ASDT are given separately for State roads, motorways, county and local roads. Moreover, for each of the count locations other usual data is given. Data for the specific count sections is presented as well, with the method of counting explicitly denoted.

*The fourth chapter* "**State Roads and Motorways: Toll-paid Traffic Counting**" includes selected results obtained through data processing, where the numbers have been collected at locations indicated therein. This method of counting is applied at toll bars - all of them located on motorways, except for toll station "Krk Bridge" on the State Road 102.

*The fifth chapter* is named "**Ferry Lines Vehicle Transportation**" and it deals with quantity of road vehicles transported by sea ferry lines between mainland and islands.

The final, *sixth chapter* is named "**Appendix**". Apart from giving a clue as to the acronyms and terms used in this digest, they enclose two cartographic displays. The first shows the count locations topography in 2018, while the second of them reveals the traffic volume at chosen road directions over the year.

To alleviate the understanding of methodological peculiarities and the like, the opening parts of each chapter hold appropriate explanations.

# TRAFFIC COUNTING SYSTEM ON THE ROADWAYS OF CROATIA

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## 2. TRAFFIC COUNTING SYSTEM ON THE ROADWAYS OF CROATIA

### 2.1. HISTORICAL REVIEW

Systematic examination of the traffic characteristics at Croatian roads began in 1971, with introduction of a road traffic counting program. From that year on, the findings about roadway traffic were augmenting by continuously increasing the quality and quantity of data collection. We emphasize that all the way from 1971 until now the counting has been performed in compliance with the methodology of data collection and processing, brought forth in Recommendations of the Committee for Interior Traffic of the Economic Commission for Europe.

It should be emphasized here that in the beginning of the systematic traffic counting mostly international E-roads were included. As needs and possibilities were mounting, the scope of the counts was accordingly expanding. At first, count locations were set predominantly at the State roadways, but last years saw considerable increase in number of counting sites at the county and local roads.

The oldest way of counting, the so-called "manual" traffic counting, used to be the only method of counting in early days of systematic traffic counting. During the year of 1973, after the first Croatian four-lane motorway Lučko – Karlovac was opened, toll-paid vehicle counting was introduced. A more substantial expansion of the traffic counting system was accomplished in 1978 with launching of the stationary automatic traffic counters, inaugurating modern *automatic* traffic counting technologies. By introducing these automatic counters, a continuous counting program was (had in view) to be realized. Upon acquisition, in 1997, of the portable automatic counters, designed for periodic counting, they started to be used as well. This way periodical automatic traffic counting has been introduced inside the country, too. Replacement of the manual traffic counting program by periodical automatic counts was started according to a plan in 1998.

One of the more important novelties in the traffic counting system development here in Croatia emerged in 1997, when portable automatic counters intended for periodical counts were included. The use of a more recent generation of automatic traffic recorders for permanent counts was initiated in 1998, when 15 such counters were installed. These counters were capable of classifying the counted vehicles according to their lengths. Three stationary automatic counters of the most recent generation were installed at the State roadways in the first half of 1999. Among others features, those counters can order the counted vehicles by classes and subclasses, while simultaneously enabling wireless remote connectivity. Therefore, after the counters were installed, remote two-way GSM communication between the counters and the computers in the company *PROMETIS* was experimentally tested.

The first annual publication with systematically collected and processed data about the traffic volume counts, with the data for traffic counted through 1971, was published in 1972. Numerous and different improvements in the traffic counting system contributed to successive additions to the contents of regular annual issues. Both quantity and quality of the published data improved all along. Similar to the equivalent, regular or periodic, publications containing selected data, diverse analytical needs called for comparability of data in the series over the years. Paying attention to some well-founded user recommendations, which are always welcome, also bears importance for the overall contents.

Besides the data published here, numerous data and reports on the counted traffic are delivered to other users. In that fashion certain, by special data processing obtained, results and related reports (e.g. about traffic on E-roads, also about road traffic at all roads State-wide) are passed to the Croatian Bureau of Statistics. Starting with 1997, certain data regarding E-roads is handed over to the TEM (Trans-European Motorway North-South) PCO (Project

Central Office), and likewise the wanted Croatian traffic data is being delivered to the ECMT.

We are proceeding here with describing the basic setups of the methodology of collection, processing, analysis and presentation of results of the traffic counted at the Croatian roadways, with emphasis on the setups for traffic counting performed during the last year.

## 2.2. METHODOLOGY OF DATA COLLECTION

A traffic counting plan is brought before the start of a calendar year by the "Hrvatske ceste d.o.o." (Croatian Roads Ltd.). Therefore, in the Republic of Croatia traffic counting was performed at:

- State roads;
- tollgates at toll roads;
- county roads;
- local roads;
- ferry terminals.

The methods of traffic counting (collecting data on quantity and structure at given count locations), used during the year 2018, were as follows:

- **automatic counts by stationary counters installed at the State roads, county roads and local roads – permanent (continuous) counting;**
- **automatic counts by portable counters at the State roads, county roads and local roads – periodical counting at representative time intervals;**
- **toll counts at tollways, the Krk Bridge and at ferry terminals.**

A precondition to obtain statistically worth results is rational use of recorders assigned for periodical automatic counting, in representative time samples and with a special, for this purpose developed, data analysis. Periodical counts are, because of their advantages, invaluable if insight into traffic volumes at road sections left out of the permanent automatic counts is wanted. To that end it is used in many countries.

The publication "Traffic counting on the roadways of Croatia in 2018", contains processed data from **869**

count posts. Additionally there are traffic data for **75** motorway sections, and associated virtual counting posts, derived from data collected on stations of closed toll systems. Count locations taken into consideration, with respect to their distribution by road status and count method, were:

- *on State roads and motorways, **527**, of which **264** refer to traffic counted by continuous automatic counting, **164** through periodical automatic counting and **99** by way of tolls;*
- *derived traffic data for **75** sections on toll-paid road structures from data collected on counting sites – toll stations belonging to closed toll systems;*
- *on county roads, **246**; of which **205** refer to traffic counted by continuous automatic counting and **41** through periodical automatic counting;*
- *on local and unclassified roads, **72**; of which **27** refer to traffic counted by continuous automatic counting and **45** through periodical automatic counting;*
- *toll-paid counting at ferry lines was carried through at **24** locations (ferry terminals).*

### 2.2.1. Periodical automatic traffic counting

In 1997, it was the first time the notion of 'periodical traffic counting' was introduced in Croatia (the study "Installation of a new traffic counting system in the Republic of Croatia", *PROMETIS d.o.o.*). Two methods of periodical counting are comprehended under that notion: the first is called manual, the second is known as periodical automatic traffic counting. The latter emerged as entirely new in Croatian traffic counting system, as much for the yearly schedule, as for the way of realization. It is performed with portable, automatic counters, at several occasions, every time through seven days. Of utmost importance is determination of the timetable, scheduling which weeks of the year, i.e. what combination of the weeks, should be used in counting. This is determinable only via simulations done on a relatively large sample, consisting of the files acquired by continuous automatic counting, through a period at our disposal, usually in consecutive three or more years. When it comes to choosing the weeks of the year, it is compulsory to set certain criteria. They are set up so that the relative estimation error of average daily traffic over a year (acronym AADT),

and average daily traffic over a summer (acronym ASDT), do not leap above 10% of its absolute value, at the given level of significance. Besides that, the timetable is constrained by the requirement that this way of counting should be utilized in that part of the year when weather conditions bear a relatively marginal influence, in order to reduce down to the least possible extent the exposure of recorders to a possible damage, making the best use of available equipment and work force. Memory limitations of these recorders are also taken into account, their restrictions regarding energy supplies as well.

A simulation done on the sample compiled from the files of continuous automatic traffic counting data, originating from different selected periods, and with distinct possibilities of combining weeks and weekdays of the week of a suitable part of the year, has revealed how to set up a schedule (telling which weeks could be combined) for periodical traffic counting. Several requirements were acknowledged there, as: (a) in what part of the year the counts should be taken in order to avoid inconveniences resulting from the weather conditions; (b) what is the least interruption period ensured between successive counts, to execute all the necessary steps for transfer of data from the counter, and preparing and setting the same counters at a new task; (c) which precision of estimates to impose, etc. At *PROMETIS d.o.o.*, some special methods and techniques for processing data collected with these counters have been examined and developed.

For periodical automatic counts the portable automatic counters of the American company Numerics have been used. The counters were programmed for seven-day unbroken operation (from Sunday 00:00 until next Saturday at 24:00 hours). They were also programmed to assort the vehicles into five categories with respect to length: (1) vehicles not longer than 5.5 m, (2) over 5.5 m up to 9.1 m, (3) over 9.1 m up to 12.2 m, (4) over 12.2 m up to 16.5, and (5) above 16.5 m. Furthermore, such counters record temperatures and the state of the pavement (dry or wet), also being programmable for classifying vehicles by categories of speed at the counter. Moreover, the counters were memorizing the required information hour by hour, according to the set conditions, for seven consecutive weekdays.

### **2.2.2. Continuous automatic traffic counting**

In continuous automatic traffic counting programs stationary automatic traffic recorders, installed at roadways, are in use. Various generations and varieties of these counters are used. The essential point at all of them is the ability to record traffic volumes at preset time intervals (cumulatively by hours), by the road tracks and vehicle headways, continually during 24 hours a day, all through the year. In order to collect as much data as possible, a continuous maintenance is required.

Continuous automatic traffic counting in Croatia is conducted with the pavement-based, inductance loop counters, which react to the passage of metallic mass across. Nowadays generations of counters discriminate between the given classes and subclasses of vehicles.

Owing to the modes of operation and added features of the utilized counters, periodic field inspections of the counters are performed. Immediately after the new recorders were introduced in 1998, the need for autonomous solar energy supply was satisfied for the first time. At the most recent counters a two-way GSM communication through modems and appropriate computer programs, emulating remote data transfer, has been set and tested. This enables an instantaneous insight into intensity and structure of traffic at a data collection site, and a control of the correct operation and status of the instrument. The SMS delivery from a count location has also been solved in some cases, should these situations arise (for instance, delivering a message about the loop breakdown, or the case opening, and similar).

Automatic recorders destined for continuous automatic traffic counting are relatively high-priced, limited in number. Therefore, they are deployed to include the once selected most important sections, at former "major roads" ("magistralne ceste"). Stationary counters of a newer generation were installed in the beginning of 1998 (15 counters), and positioned in agreement with the adopted distribution of data collection sites of continuous automatic traffic counting, alongside the road network.

### 2.2.3. Toll-paid traffic counting

Building and maintenance of contemporary roadways (motorways, bridges and tunnels) ask for substantial financial investments. Accordingly, a toll payment is demanded for their use.

There is a peculiarity of traffic counting at the motorways and the *Krk Bridge*, lying in the fact that a vehicle passage is recorded on a data card, where the time, the vehicle class by the toll category, and the points of entry and/or exit from the toll roadway are included. Therefore, this type of traffic counting at toll-paid roadways represents a special method of traffic counting. Vehicles using these toll-paid roadways are divided in five groups that do not conform to the UN/ECE Recommendations.

Ferry traffic takes place at domestic and international ferry lines. In this publication only the transportation data from the domestic ferry lines are presented. The counts of the vehicles transported at those lines render a particular kind of toll-paid counting. Data on the transported vehicles are carried for each line through a certain period, by vehicle classes. At domestic ferry lines, traffic counts are taken by the servicing companies.

### 2.2.4. Sources of collected data in 2018

As in the previously issued publications, traffic data collected at the roadways and ferry lines inside the Republic of Croatia was obtained from a few different sources. These were, for data collection in 2018, by type:

- traffic data obtained with stationary counters belonging to "Croatian Roads Ltd." – by "PROMETIS d.o.o.";
- traffic data obtained with portable automatic counters – by "PROMETIS d.o.o.";
- traffic data on the motorways: part of A1 (intersection *Bosiljevo 2 – Karamatići*), A3, A4, A5, A10 and A11 – by "Croatian Motorways Ltd.";
- traffic data on the part of the motorway A1 (*Zagreb – Bosiljevo 2*), motorway A6, TS "Rupa" (A7) and the *Krk Bridge* – by "Rijeka - Zagreb Motorway Ltd.";
- traffic data on the motorway A2 – by "Zagreb – Macelj Motorway Ltd.";

– traffic data for the motorways A8 (*Kanfanar – Učka*) and A9 (*Umag – Pula*) – by "BINA-Istra";

– essential vehicle transportation data at domestic ferry lines – by the Agency for the Coastal Maritime Traffic Lines and the companies "Jadrolinija" and "Rapska plovidba"

Within 2018 the collected fund of disposable data collected through continuous automatic counts amounted to around 99%.

Starting with 1998, periodical automatic counting through portable recorders has systematically been introduced. With the year 2000 inclusive, this counting method fully replaced manual counts, in compliance with a three-year plan. Since in each of those years about one third of manual traffic count posts were replaced, in 2001 a new cycle was started. At all count sites periodical traffic counting was performed according to one of the predetermined schedules (single, double, and triple counts). Upon programming the portable Nu-metrics NC-200, NC-300 and NC-350 automatic counters, the counted traffic, expressed in vehicle numbers, is structured in the same fashion as with continuous automatic counts taken with the more recent traffic recorders.

## 2.3. METHODOLOGY OF DATA PROCESSING AND PRESENTATION OF RESULTS

Data processing, and presentation of results of the analysis, is based on a specially developed methodology, by which the procedures involved in working on and applying the supporting software have been included. It incorporates all other procedures as well, which account for input procedures, reliability checks, corrections and preparations for data analysis, file creations, data processing and analyses, and textual, tabular and graphical production and presentation of the results in the form of a yearly publication and its digest, accompanied with a study containing previous ASDT data.

A constant development of the information technology brings on along a continuous upgrade of methodology. That development is accompanied by the staff training, conforming to the user

requirements. That way, in this respect, high standards have been reached at the present time. At this juncture it is particularly important to emphasize how in this manner a rich databank for the period longer than twenty five years has been created, in particular from the automatic counters, which provides opportunity for variety of investigations, as much in the area of methodology itself, as in working on predictive models, traffic trends, and similar.

### **2.3.1. Data processing**

Collected traffic data is processed in several phases. The methods used for data collection influence the way it is processed. Basically, data processing starts with controlling and verifying the source data.

A strong influence on the method and procedures used in data processing, as well as in development of methodology, is exerted by the information technology. In the span from the start of processing data collected by traffic counting until 1987, after a multiple "purification", the collected data were stored on paper and magnetic tapes. After 1987, the data is stored on convenient electronic media. At this, the source data is kept in two versions, "impure" and "purified", as the result of multiple checkouts and corrections of the original, raw data.

All data, be it raw or pure, is organized by files. So, for example, a periodical traffic count file contains the files of all the sites of periodical counting. Moreover, a file for a single counting site contains sub-files, if every count is considered as a file on its own, etc. In similar fashion, other files of periodical traffic counting are organized. In continuous automatic traffic counting, a complete file consists of the component files of all automatic counting sites in a year. The files and certain results of data processing concerning the toll-paid vehicle counts, at roadways and ferry lines, are similarly organized.

For each data processing method, corresponding to a procedure for computing AADT and ASDT, there is a characteristic, counterpart traffic counting method.

The procedure of processing continuous automatic traffic counts data is based on the assumption that the counting encompasses all days or all hours of a year, respectively, which renders the deviations

minute. On the grounds of the analyses of temporal series applied onto those counts, in cases when data for one driving direction was missing, it has been found the data can be replaced on the basis of relationships between the directions, established in a former period.

Accordingly, when a complete coverage is reached through the counting, the AADT and ASDT are computed as the arithmetic mean of traffic, counted in the respective period. However, such an approach, if data is partly missing, which actually often happens, becomes downright questionable.

When data is missing for a certain site of automatic traffic counting, which can cast ambiguity upon the computed AADT and ASDT (as arithmetic means for the corresponding counted traffic), the estimate is obtained using the intricate statistical methods.

Data processing for tollways is based on a special procedure adapted for that method of collection and arrangement of data, as well as on a particular method of presentation of the results.

### **2.3.2. Presentation of the results of data processing**

The method of presentation of the results, and its organizing, was in the past all the time readjusted to the user's needs, while ensuring continuity of the basic principles in order to provide an easier orientation for the user.

This publication was prepared heedfully to preserve the comparability of data in the yearly series.

Besides the tabular and graphical presentation of the AADT and ASDT structure in different matrix varieties, and cartographic variations, there are also geographical presentations of the traffic count posts and volumes across the roadway network. In particular, a graphical survey of the daily traffic changes, by count posts, is to be noted.

All the data processing results are not brought out in the annual publication, because of an assumption that all users would not be interested. Instead, they are delivered in the form of tables, graphs, or as a separate brochure with selected results, by requests, most often of the "Croatian Roads Ltd.".

**Table 2.1. Structure of the Croatian road network in 2018**

| Classified Roads (km) |             |              |             |           |
|-----------------------|-------------|--------------|-------------|-----------|
| Total                 | State Roads | County Roads | Local Roads | Motorways |
| 26.722,4              | 7.175,7     | 9.483,1      | 8.644,1     | 1.419,5*  |

Source : "Official Gazette of the Republic of Croatia" 103/2018

\* This number includes planned, not constructed motorways.

By the end of the year 2018 Croatia had close to 1.285 km of constructed motorways, PROMETIS.

Unpublished data collected by periodical automatic counts are:

- traffic by day, for each count location, with traffic of the real vehicles by hours and directions
- structure of daily, nightly and average annual, 24-hour traffic for each count location with the corresponding means, by certain vehicle groups;
- ADT (24-hour) by count days, by count locations and directions;
- composition of vehicles by length, by count hours, by count locations and directions;
- average temperatures of the pavement, by count hours.

and peak hour traffic, by count locations and directions;

- ADT (24-hour) by count weekdays, by count locations and directions;
- ADT (24-hour) for working days, Saturdays, Sundays and holidays, by count locations and directions;
- traffic distribution, at selected hours with heaviest hourly traffic, by count hours;
- traffic per each count hour, and maximum hourly traffic per each count day, by count locations and directions;
- structure of daily and nightly traffic.

Unpublished data collected by continuous automatic counts can, if the occasion requires, be presented as:

- average hourly traffic for certain periods of year,

**Table 2.2. Structure of the registered road motor vehicles and articulated vehicles in Croatia in the period from 2012 to 2018**

| Vehicle Class                          | Year             |                  |                  |                  |                  |                  |                  |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|  | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             |
| Mopeds                                 | 98.975           | 96.471           | 93.410           | 90.069           | 87.507           | 85.121           | 83.362           |
| Motorcycles                            | 58.006           | 58.311           | 59.643           | 61.208           | 65.366           | 69.148           | 73.997           |
| Passenger cars                         | 1.445.220        | 1.448.299        | 1.474.495        | 1.499.802        | 1.552.904        | 1.596.087        | 1.666.413        |
| Buses                                  | 4.655            | 4.789            | 5.040            | 5.276            | 5.513            | 5.698            | 5.877            |
| Freight Vehicles and Work Vehicles     | 141.567          | 141.491          | 143.660          | 149.006          | ...              | ...              | ...              |
| Lorries                                | ...              | ...              | ...              | ...              | 146.230          | 156.724          | 169.175          |
| Road tractors                          | ...              | ...              | ...              | ...              | 10.443           | 11.334           | 12.229           |
| Special purpose vehicles               | ...              | ...              | ...              | ...              | 12.083           | 12.824           | 13.548           |
| Agricultural tractors                  | 106.436          | 110.360          | 112.941          | 113.588          | 116.010          | 119.191          | 123.461          |
| Work machines                          | 7.086            | 7.789            | 8.304            | 8.616            | ...              | ...              | ...              |
| Articulated vehicles                   | 31.221           | 33.260           | 35.273           | 36.957           | ...              | ...              | ...              |
| Trailers                               | ...              | ...              | ...              | ...              | 27.367           | 29.105           | 30.992           |
| Semi-trailers                          | ...              | ...              | ...              | ...              | 11.927           | 12.927           | 13.803           |
| Quadricycles                           | 1.796            | 1.860            | 2.045            | 2.161            | ...              | ...              | ...              |
| <b>Total, Without Articulated Veh.</b> | <b>1.863.741</b> | <b>1.869.370</b> | <b>1.899.538</b> | <b>1.966.683</b> | <b>1.996.056</b> | <b>2.056.127</b> | <b>2.148.062</b> |

Source: Ministry of Internal Affairs of the Republic of Croatia, Central Bureau of Statistics

**Table 2.3. Selected road traffic safety data in the period from 2008 to 2018**

| Year | Drivers Total | Traffic Accidents Total | Traffic Accidents with Casualties |              |             | Death Toll | Injured Persons |
|------|---------------|-------------------------|-----------------------------------|--------------|-------------|------------|-----------------|
|      |               |                         | Total                             | With Injured | With Killed |            |                 |
| 2008 | 2.179.514     | 53.496                  | 16.283                            | 15.698       | 585         | 664        | 22.395          |
| 2009 | 2.208.621     | 50.388                  | 15.730                            | 15.237       | 493         | 548        | 21.923          |
| 2010 | 2.233.963     | 44.394                  | 13.272                            | 12.870       | 402         | 426        | 18.333          |
| 2011 | 2.250.877     | 42.443                  | 13.228                            | 12.843       | 385         | 418        | 18.065          |
| 2012 | 2.267.892     | 37.065                  | 11.773                            | 11.418       | 355         | 393        | 16.010          |
| 2013 | 2.287.341     | 34.021                  | 11.225                            | 10.897       | 328         | 368        | 15.274          |
| 2014 | 2.301.463     | 31.432                  | 10.607                            | 10.323       | 284         | 308        | 14.222          |
| 2015 | 2.310.515     | 32.571                  | 11.038                            | 10.721       | 317         | 348        | 15.024          |
| 2016 | 2.325.157     | 32.757                  | 10.779                            | 10.500       | 279         | 307        | 14.596          |
| 2017 | 2.337.087     | 34.368                  | 10.939                            | 10.632       | 307         | 331        | 14.608          |
| 2018 | 2.348.794     | 33.402                  | 10.419                            | 10.122       | 297         | 317        | 13.950          |

Source: Ministry of Internal Affairs of the Republic of Croatia

## 2.4. OTHER ROAD TRAFFIC DATA

On the grounds of the analyses of data obtained by traffic counts, it can be noticed there is a long-term tendency of continuous growth, when considering the development of road traffic inside the Republic of Croatia. This long-time trend happened to be temporarily disturbed by the war conditions. One can conclude the road traffic continues to gain in significance, especially when it comes to the passenger transport.

Road traffic has numerous characteristics. The basic are, among various other features, the state of the road network, the vehicles taking part in traffic, the level of serviceability and safety, and environmental pollution. For the sake of generalized analyses, in this publication only basic data are shown about the road network, the number of registered motor and trailer vehicles, the number of drivers, and the safety of roadway traffic.

The density of the classified road network, together with motorways, in 2018 amounts to around 47 km of classified roads per 100 km<sup>2</sup> of the ground surface in the Republic of Croatia. The structure of the road network is given in Table 2.1.

Decisions on classifying roadways in Croatia are brought by the Ministry of Maritime Affairs, Transport and Infrastructure of the Republic of Croatia. The most recent "Decision on classifying public roads" was published in "Official Gazette of the Republic of Croatia" No. 103/2018.

In Table 2.2. the structure of the registered road vehicles, motorized and articulated, in Croatia for the period from the year 2012 to 2018 is presented.

The most conspicuous negative consequences of road traffic are accidents. The road traffic danger in our country is still high. Selected data, showing more precisely the state of domestic road traffic safety in the period from 2008 to 2018, is displayed in Table 2.3.

Considering the changes in road traffic volumes, level of traffic safety in Croatia is visibly becoming higher but there is still room for progress.

## 2.5. GENERALIZED ANALYSIS OF THE TRAFFIC COUNTING RESULTS IN 2018

In the course of the past 2018, traffic data were, as in previous years, in large part regularly collected from the planned counting sites. Therefore, this

**Table 2.4. Count sites distribution by traffic volumes in 2018**

| AADT               | Count Sites with Determined AADT |           |              |             |            |
|--------------------|----------------------------------|-----------|--------------|-------------|------------|
|                    | State Roads                      | Motorways | County Roads | Local Roads | Total      |
| 0-500              | 13                               | 1         | 32           | 24          | 70         |
| 501-1000           | 24                               | 0         | 50           | 19          | 93         |
| 1001-2000          | 95                               | 0         | 65           | 15          | 175        |
| 2001-3000          | 61                               | 2         | 38           | 6           | 107        |
| 3001-6000          | 131                              | 11        | 37           | 6           | 185        |
| 6001-9000          | 46                               | 18        | 16           | 1           | 81         |
| 9001-12000         | 30                               | 17        | 5            | 0           | 52         |
| >12000             | 28                               | 47        | 2            | 1           | 78         |
| <b>Sites Total</b> | <b>428</b>                       | <b>96</b> | <b>245</b>   | <b>72</b>   | <b>841</b> |

publication consists of processed data from **869** counting locations, which is the most since the beginning of systematic traffic counting in Croatia. Besides that, derived traffic data from **75** counting sections on motorways with closed toll system are published.

Through 2018, there were data collected and processed from **496** continuous automatic traffic counting sites, **250** periodical automatic counting sites, **99** toll-paid traffic counting locations at toll roads, and **24** ferry lines.

Periodical automatic traffic counting, conducted with automatic recorders, replaces the people who recorded traffic at all previous permanent locations of manual traffic counting.

The "Hrvatske ceste d.o.o." company, being in charge of the State roadways, organizes traffic counting at the roads of the Republic of Croatia. For that reason, a major part of the State public road network is

included in the counting program. With increasing number of count sites, growing part of the county roads has been included as well. As it was emphasized already many times, despite the needs for international statistical research, the funding and other factors caused a situation where the other roads in Croatia are not covered by a systematic traffic counting program. Because the existing distribution of the count sites on the State and county road network contains mostly the count sections in outer regions, a big part of the road network, situated in urban and outlying districts, was not until now systematically encompassed by traffic counting programs. For this reason, a quality complete insight into the traffic flow characteristics at the urban and outlying districts cannot be achieved, and for the fore-mentioned facts it is very hard to give precise estimates of AADT and ASDT, be it for the total road network or some of its parts.

The traffic counting results in 2018 show that the

**Table 2.5. Count sites with highest AADT and ASDT in 2018**

| Road | CS Label | Count Site           | AADT   | ASDT   |
|------|----------|----------------------|--------|--------|
| D8   | 5422     | Stobreč              | 52.602 | 60.031 |
| D8   | 5423     | Solin                | 46.941 | 56.559 |
| D1   | 5441     | Dračevac             | 40.509 | 47.777 |
| A1   | 1916     | Lučko - south        | 37.603 | 62.918 |
| A1   | 1931     | Zdenčina – south     | 36.994 | 63.458 |
| A7   | 2823     | Rujevica - west      | 35.555 | 47.526 |
| A1   | 1920     | Jastrebarsko - south | 34.548 | 61.847 |

**Table 2.6. Selected State Roads Traffic in the Years 2017 and 2018**

| State Road   | AADT         |              |                   | ASDT         |              |                   |
|--------------|--------------|--------------|-------------------|--------------|--------------|-------------------|
|              | 2017         | 2018         | Annual Change (%) | 2017         | 2018         | Annual Change (%) |
| 1            | 6.326        | 6.545        | 3,5               | 8.710        | 8.788        | 0,9               |
| 2            | 6.699        | 7.059        | 5,4               | 6.907        | 7.314        | 5,9               |
| 3            | 5.766        | 5.649        | -2,0              | 6.343        | 6.209        | -2,1              |
| 5            | 2.221        | 2.313        | 4,1               | 2.469        | 2.502        | 1,3               |
| 7            | 6.530        | 6.855        | 5,0               | 6.948        | 7.285        | 4,9               |
| 8            | 5.104        | 5.151        | 0,9               | 9.160        | 9.054        | -1,2              |
| <b>Total</b> | <b>3.717</b> | <b>3.812</b> | <b>2,6</b>        | <b>5.227</b> | <b>5.263</b> | <b>0,7</b>        |

Total: comparable sample of 1.811 km of State roads for AADT and 1.829 km for ASDT.

total traffic volume has increased comparing to the previous year. The same is true regarding the ASDT.

By the size, the amounts recorded at certain count sites set up near major Croatian cities are worthy of notice. The same as in the year 2017, the year 2018 saw the traffic counting results influenced by decisions on redirecting heavy freight vehicles onto the alternative road directions in summer months, as well as redirecting them toward the high service level roadways.

In order to compare the traffic volumes in 2017 and 2018, the same count sites used to collect data during both years were selected. The described approach, in

the comparing analyses, avoids difficulties with comparisons involving traffic volumes and the structure, regarding the change of active count sites number, as well as the change of count section lengths. These difficulties will possibly turn avoidable by introducing new count posts at the representatively determined count sections.

In Table 2.4 the count sites distribution at the State roads, motorways and county roads in 2018, with respect to the traffic volume levels, has been given.

The count sites with the highest recorded AADT and ASDT on the State road network in the year 2018 are given in the Table 2.5.

**Table 2.7. Motorways Traffic in the Years 2017 and 2018**

| Motorway     | AADT          |               |                   | ASDT          |               |                   |
|--------------|---------------|---------------|-------------------|---------------|---------------|-------------------|
|              | 2017          | 2018          | Annual Change (%) | 2017          | 2018          | Annual Change (%) |
| A1           | 15.140        | 15.810        | 4,4               | 34.477        | 34.980        | 1,5               |
| A2           | 12.975        | 13.409        | 3,3               | 23.442        | 23.510        | 0,3               |
| A3           | 16.216        | 17.093        | 5,4               | 22.993        | 24.027        | 4,5               |
| A4           | 8.722         | 9.218         | 5,7               | 17.215        | 17.848        | 3,7               |
| A5           | 2.964         | 3.185         | 7,5               | 3.531         | 3.800         | 7,6               |
| A6           | 13.554        | 14.228        | 5,0               | 23.138        | 23.772        | 2,7               |
| A7           | 16.356        | 18.798        | 14,9              | 24.394        | 28.880        | 18,4              |
| A8           | 7.165         | 7.624         | 6,4               | 11.230        | 11.568        | 3,0               |
| A9           | 7.509         | 8.086         | 7,7               | 16.094        | 16.404        | 1,9               |
| A11          | 3.883         | 4.377         | 12,7              | 3.826         | 4.406         | 15,2              |
| <b>Total</b> | <b>13.024</b> | <b>13.696</b> | <b>5,2</b>        | <b>25.021</b> | <b>25.656</b> | <b>2,5</b>        |

A1: Zagreb – Karamatići; A2: Macelj – Zagreb; A3: Zagreb (east) – Lipovac; A4: Goričan – Zagreb; A5: Osijek – Svilaj

A6: Bosiljevo 2 – Rijeka; A7: Rupa – Šmrika; A8: Kanfanar – Matulji; A9: Umag – Pula; ; A11: Mraclin – Lekenik

Total: comparable sample of 1.167 km of motorways.

In the Table 2.6. data on AADT and ASDT for selected State roads for the years 2017 and 2018, calculated using the method of vehicle kilometres, is given.

Similarly, table 2.7. comprises data for selected motorways.

On Pictures 1 (certain State roads) and 2 (motorways), AADT and ASDT comparison for the years 2017 and 2018 is additionally graphically displayed. The absolute amounts of AADT and ASDT are compared. The graphs display traffic volumes at 6 selected State roads and 10 motorways.

**Tables 2.6. and 2.7. are documenting an overall increase of State roads and motorways traffic. Summer traffic has also increased for both State Roads and motorways.**

**Combined AADT of State roads and motorways together in the year 2018, based on equivalent count sections sample which is comparable to the traffic in the year 2017, increased 4,4%. ASDT increased 2,1%.**

**AADT in the year 2018 was 7.686 vehicles and ASDT was 13.207 vehicles.**

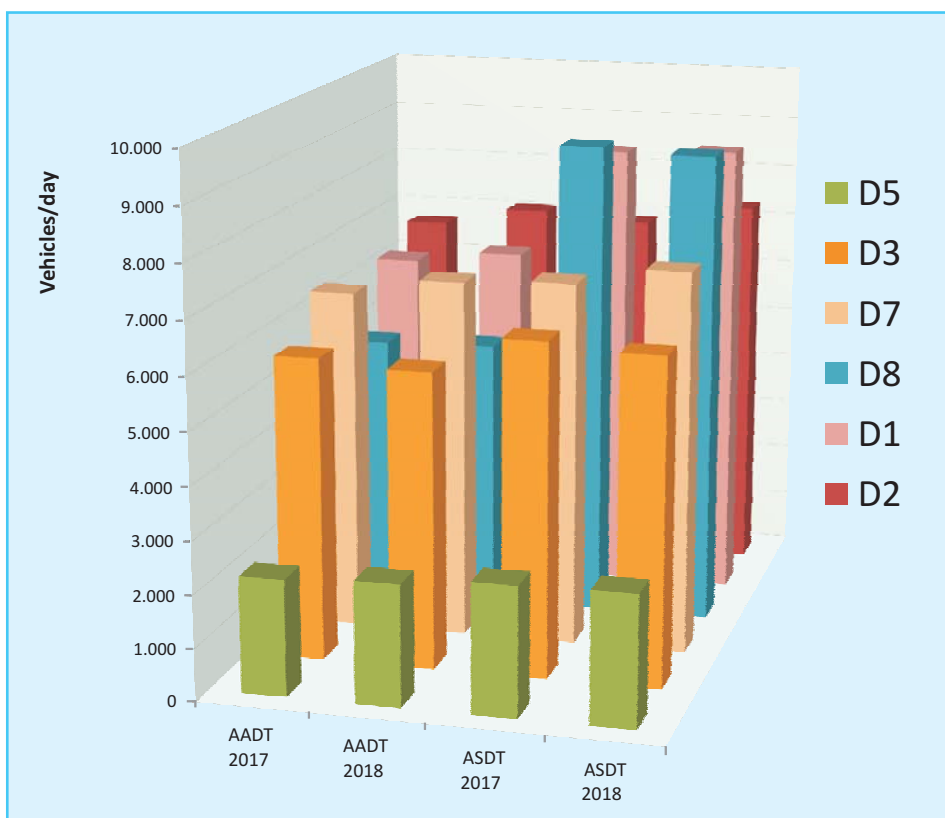


Figure 1 AADT and ASDT of selected State roads in the years 2017 and 2018

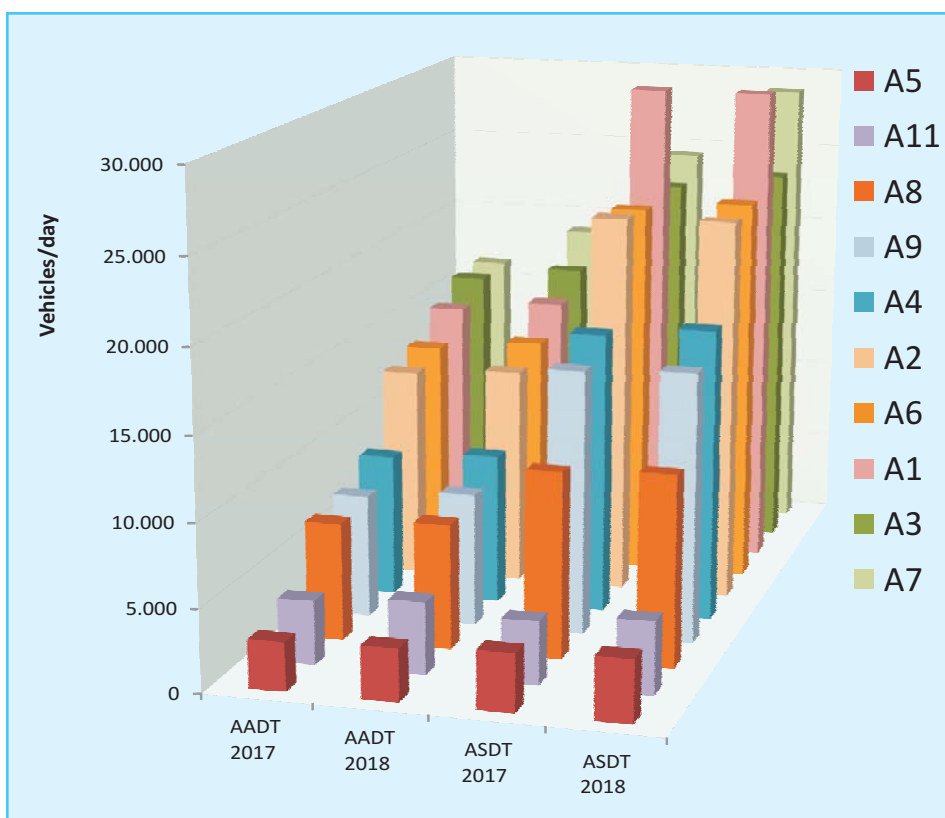


Figure 2 AADT and ASDT of selected motorways in the years 2017 and 2018

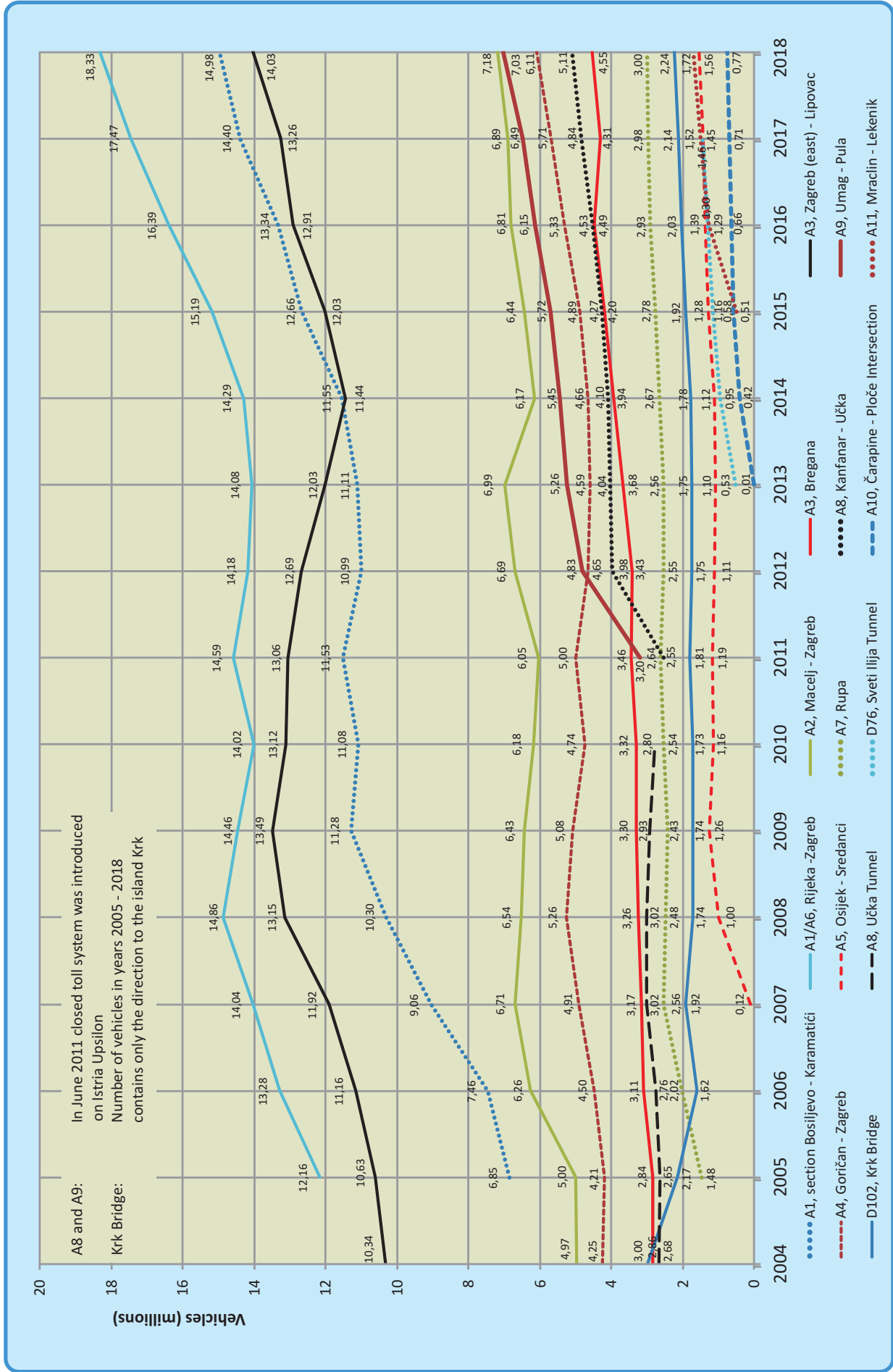


Figure 3 Number of vehicles using toll-paid traffic structures

# AADT AND ASDT WITH GENERAL DATA ON COUNT SITES AND SECTIONS



### 3. AADT AND ASDT WITH GENERAL DATA ON COUNT SITES AND SECTIONS

The data collection sites, whereon the last year traffic counts were taken, were determined, just as in the past, by the plan and program of traffic counting. The existing distribution of count sites and count sections was influenced by the traffic development, along with the historical traffic counting development on the whole. The classified roadways, divided into State, county, and local roads, are subdivided into sections. At selected sections the count sites are set up, according to the previous decisions, and in major part at the State roads. From the outset of systematic traffic counting up to now, an influence on gradual rearrangement of new count locations has been exerted, besides the development of traffic and counting, by the new created circumstances.

As can be seen from the geographical map (the scale is 1:900,000) "Traffic Volumes on Selected Road Directions in 2018", to each count section the volume determined at the corresponding count site has been attached. On that map, a count section comes with its counted, or evidential, traffic volume appended.

The count locations are labelled by four-digit numbers and names. In this manner recognition of the data source has been made easier. In a four-digit number, the label of the count location, the first two digits denote the area of the map where respective site can be found. The next two digits in the count site label designate the ordinal number of the count location considering only responding map area. For

each count site the name was determined consistent with the geographical location where the recorder had been placed, i.e. of the settlement it was closest to, and so on. For each count section the name was determined by the names of the end points, together with expressing the entire section length in kilometres. This designation system is applied to the map with a scale of 1:900,000 "Traffic Count Sites Distribution" (an appendix).

For each count location and its associated count section, the **AADT** (average annual daily traffic) and **ASDT** (average summer daily traffic) results are shown in Table 3.1., for State roads, Table 3.2. for motorways, Table 3.3., for county roads. and in Table 3.4., for local and unclassified roads. These tables also contain the data about counting methods, the count section names, and their lengths.

In all the tables within this chapter, the data is sorted by road number in ascending order, and by the count site location on the respective road, conforming to the road specification, or its entry.

As it was the case with all the previous publications under the title "Traffic Counting on the Roadways of the Republic of Croatia", all count sites and pertaining count sections are classified as belonging to particular roads, themselves classified according to the holding decision on roadways and its changes and amendments.

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA**

**SR 2018**

| ROAD LABEL | COUNT SITE |                       | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|-----------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                  | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 1          | 1101       | Macelj                | 2242    | 2596  | ACC          | Ž2258         | D207   | 8,9         |
| 1          | 1104       | Đurmanec              | 4692    | 4971  | ACC          | D207          | D206   | 4,7         |
| 1          | 1122       | Čveki                 | 5145    | 5251  | ACC          | D35           | Ž2158  | 2,3         |
| 1          | 1128       | Zabok                 | 11499   | 11991 | ACP          | Ž2264         | D205   | 3,5         |
| 1          | 1927       | Veliko Trgovišće      | 11841   | 11957 | ACC          | D307          | Ž2217  | 4,5         |
| 1          | 1937       | Pojatno               | 17406   | 17365 | ACC          | Ž3036         | A2     | 7,2         |
| 1          | 1935       | Gornji Stupnik        | 5703    | 6469  | ACC          | L31102        | Ž3061  | 1,9         |
| 1          | 1929       | Klinča Sela           | 10375   | 11834 | ACC          | Ž3106         | L31143 | 1,7         |
| 1          | 1928       | Izimje                | 6762    | 8547  | ACC          | Ž3102         | L31136 | 2,6         |
| 1          | 3114       | Karlovac              | 25434   | 28391 | ACC          | D228          | D3     | 3,9         |
| 1          | 3101       | Tušilović             | 9861    | 14162 | ACC          | Ž3188         | L34082 | 3,6         |
| 1          | 3105       | Blagaj                | 6773    | 9961  | ACC          | L34120        | L34140 | 11,4        |
| 1          | 3106       | Slunj                 | 6561    | 10982 | ACC          | L34140        | Ž3258  | 4,7         |
| 1          | 4313       | Sadilovac             | 1700    | 2284  | ACC          | L34160        | L59136 | 6,7         |
| 1          | 4307       | Vaganac               | 1829    | 2503  | ACP          | L59026        | L59024 | 1,8         |
| 1          | 4308       | Prijeboj - northeast  | 1774    | 2981  | ACC          | L59027        | Ž5201  | 9,3         |
| 1          | 4302       | Prijeboj              | 5335    | 11294 | ACP          | D429          | L59045 | 7,9         |
| 1          | 4309       | Korenica              | 6107    | 12116 | ACC          | D52           | L59045 | 2,4         |
| 1          | 4304       | Jošan                 | 4119    | 9281  | ACC          | L59064        | Ž5195  | 12,3        |
| 1          | 4901       | Mutilić (Udbina)      | 2002    | 4034  | ACC          | L59101        | L59117 | 7,9         |
| 1          | 4929       | Gračac - north        | 2083    | 4547  | ACP          | L63032        | D27    | 2,1         |
| 1          | 4907       | Gračac - east         | 1935    | 2910  | ACC          | D27           | L63033 | 3,4         |
| 1          | 5002       | Pađene                | 1749    | 2679  | ACC          | L65008        | D59    | 3,2         |
| 1          | 5418       | Kijevo                | 1503    | 2029  | ACC          | Ž6058         | Ž6083  | 18,4        |
| 1          | 5524       | Sinj                  | 7145    | 7948  | ACC          | Ž6118         | D219   | 3,3         |
| 1          | 5504       | Brnaze                | 11050   | 12789 | ACC          | D60           | L67041 | 1,7         |
| 1          | 5526       | Dicmo                 | 11679   | 13409 | ACC          | Ž6116         | Ž6120  | 2,7         |
| 1          | 5523       | Dugopolje             | 28376   | 36472 | ACC          | A1            | D56    | 3,6         |
| 1          | 5441       | Dračevac              | 40509   | 47777 | ACC          | D56           | D8     | 8,7         |
| 2          | 1203       | Dubrava Križovljanska | 3110    | 3546  | ACC          | border        | L25001 | 0,7         |
| 2          | 1208       | Majerje               | 9148    | 9642  | ACC          | Ž2046         | Ž2037  | 2,5         |
| 2          | 1235       | Hrašćica              | 4631    | 4983  | ACC          | L25194        | D35    | 4,6         |
| 2          | 1255       | Varaždin bypass south | 4353    | 4835  | ACP          | D35           | Ž2050  | 3,9         |
| 2          | 1266       | Poljana Biškupečka    | 5283    | 5788  | ACC          | Ž2050         | D228   | 4,2         |
| 2          | 1210       | Varaždin - south      | 17220   | 17811 | ACC          | D528          | D3     | 4,9         |
| 2          | 1244       | Trnovec Bartolovečki  | 8649    | 8629  | ACC          | Ž2053         | L25082 | 1,8         |
| 2          | 1307       | Ludbreg - west        | 6973    | 7020  | ACC          | L25094        | Ž2075  | 1,9         |
| 2          | 1308       | Ludbreg - east        | 6157    | 6116  | ACP          | D24           | L25104 | 1,5         |
| 2          | 1323       | Koprivnica - south    | 8449    | 8405  | ACC          | D41           | D41    | 2,9         |
| 2          | 1312       | Plavšinci             | 5975    | 5954  | ACC          | L26034        | L26100 | 1,6         |
| 2          | 1405       | Đurđevac - west       | 5028    | 5234  | ACP          | Ž2183         | D43    | 5,6         |
| 2          | 1403       | Đurđevac              | 6903    | 7236  | ACC          | Ž2247         | L26112 | 3,3         |
| 2          | 2201       | Kloštar Podravski     | 5787    | 6032  | ACC          | Ž2185         | L40001 | 3,6         |
| 2          | 2217       | Pitomača - east       | 6279    | 6461  | ACC          | Ž4002         | L40005 | 5,4         |
| 2          | 2203       | Virovitica            | 8247    | 8191  | ACC          | L40020        | Ž4024  | 9,0         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                                | TRAFFIC |       | Count Method | COUNT SECTION |            |             |
|------------|------------|--------------------------------|---------|-------|--------------|---------------|------------|-------------|
|            | Label      | Name                           | AADT    | ASDT  |              | Beginning     | End        | Length (km) |
| 2          | 2302       | Cabuna                         | 4657    | 4916  | ACC          | L40034        | L40036     | 2,9         |
| 2          | 2307       | Slatina bypass                 | 3532    | 3730  | ACC          | Ž4025         | D34        | 2,1         |
| 2          | 2305       | Čačinci - south                | 3426    | 4044  | ACC          | Ž4063         | D314       | 4,4         |
| 2          | 2408       | Feričanci - east               | 4118    | 4651  | ACP          | Ž4058         | Ž4075      | 2,4         |
| 2          | 2407       | Našice                         | 4510    | 4994  | ACC          | L44044        | L44045     | 1,7         |
| 2          | 2406       | Bizovac - west                 | 6277    | 6440  | ACP          | Ž4067         | Ž4060      | 0,4         |
| 2          | 2522       | Osijek south. bypass Višnjevac | 10377   | 10447 | ACP          | A5            | D7         | 5,6         |
| 2          | 2508       | Osijek southern bypass         | 22117   | 21148 | ACC          | D7            | Mandića    | 2,4         |
| 2          | 2523       | Osijek south. bypass Bosutsko  | 20739   | 20585 | ACP          | Ž4085         | Vinkovačka | 1,2         |
| 2          | 3701       | Klisa airport - north          | 5186    | 5195  | ACC          | L44115        | D418       | 1,3         |
| 2          | 3723       | Vukovar                        | 10451   | 11038 | ACP          | D55           | D57        | 4,3         |
| 2          | 3801       | Sotin                          | 3661    | 3966  | ACC          | Ž4152         | L46013     | 2,7         |
| 2          | 3809       | Ilok                           | 1315    | 1551  | ACC          | Ž4199         | Ž4200      | 3,5         |
| 3          | 1339       | Hodošan - west                 | 1004    | 1051  | ACC          | Ž2034         | Ž2033      | 2,7         |
| 3          | 1315       | Štefanec                       | 3593    | 4251  | ACP          | Ž2022         | L20028     | 2,9         |
| 3          | 1234       | Čakovec                        | 8191    | 9037  | ACC          | D20           | Ž2031      | 1,9         |
| 3          | 1256       | Nedelišće                      | 16308   | 16282 | ACP          | D209          | Ž2015      | 1,9         |
| 3          | 1205       | Pušćine                        | 11898   | 12033 | ACC          | D208          | L20048     | 3,4         |
| 3          | 1221       | Novi Marof                     | 7886    | 8060  | ACC          | L25131        | Ž2136      | 1,1         |
| 3          | 1245       | Paka                           | 4787    | 5077  | ACC          | Ž2134         | Ž2171      | 2,1         |
| 3          | 2003       | Blažev Dol                     | 7566    | 7432  | ACC          | L31036        | Ž3016      | 1,2         |
| 3          | 2032       | Belovar                        | 11223   | 11532 | ACP          | Ž1006         | L10157     | 1,5         |
| 3          | 3003       | Duga Resa                      | 10886   | 11990 | ACC          | Ž3181         | D23        | 3,7         |
| 3          | 3032       | Lišnica                        | 3049    | 3864  | ACC          | L34065        | L34064     | 1,4         |
| 3          | 3005       | Vrbovsko                       | 1200    | 1790  | ACC          | L58032        | L58037     | 8,3         |
| 3          | 2937       | Skrad                          | 1159    | 1595  | ACP          | L58030        | L58102     | 6,5         |
| 3          | 2905       | Delnice                        | 5766    | 7433  | ACC          | D203          | D32        | 1,8         |
| 3          | 2935       | Gornje Jelenje                 | 2588    | 3436  | ACC          | Ž5032         | D501       | 0,5         |
| 5          | 2202       | Terezino Polje                 | 1042    | 1407  | ACC          | L40009        | Ž4004      | 3,6         |
| 5          | 2214       | Virovitica bypass north        | 1480    | 1898  | ACC          | Ž4249         | D2         | 3,7         |
| 5          | 2215       | Virovitica bypass south        | 1450    | 1536  | ACC          | D2            | Ž4251      | 4,4         |
| 5          | 2205       | Grubišno Polje                 | 3916    | 4180  | ACC          | Ž3094         | Ž3139      | 2,7         |
| 5          | 2206       | Končanica - west               | 2812    | 2879  | ACC          | L37118        | Ž3138      | 2,3         |
| 5          | 2210       | Kip                            | 1992    | 2103  | ACP          | Ž3171         | L37151     | 4,4         |
| 5          | 2213       | Badljevina                     | 2389    | 2499  | ACC          | Ž3272         | L41002     | 0,4         |
| 5          | 3411       | Filipovac                      | 5518    | 5559  | ACC          | L41014        | D47        | 3,1         |
| 5          | 3406       | Cage                           | 1553    | 1632  | ACP          | L42001        | Ž3252      | 7,5         |
| 5          | 3412       | Okučani                        | 3599    | 3843  | ACC          | Ž4241         | Ž4158      | 0,8         |
| 5          | 3410       | Stara Gradiška                 | 4402    | 5273  | ACC          | Ž4226         | Ž4227      | 1,0         |
| 6          | 1806       | Jurovski Brod                  | 3895    | 5698  | ACC          | D228          | L34005     | 0,6         |
| 6          | 1802       | Ribnik                         | 2349    | 3426  | ACP          | L34023        | Ž3140      | 2,1         |
| 6          | 3108       | Okić - west                    | 2241    | 2524  | ACP          | L34094        | L34093     | 2,6         |
| 6          | 3102       | Gvozd - west                   | 1518    | 2386  | ACC          | L33075        | Ž3186      | 0,8         |
| 6          | 3206       | Maja                           | 491     | 646   | ACP          | L33094        | L33196     | 2,5         |
| 6          | 3210       | Trgovi                         | 399     | 488   | ACC          | Ž3234         | L33167     | 1,4         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                         | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|-------------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                    | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 7          | 2501       | Duboševica              | 1445    | 2043  | ACC          | border        | Ž4011  | 1,0         |
| 7          | 2503       | Karanac (Beli Manastir) | 6369    | 7007  | ACC          | D517          | D212   | 3,7         |
| 7          | 2505       | Čeminac - north         | 4983    | 5525  | ACP          | L44010        | Ž4054  | 3,9         |
| 7          | 2513       | Osijek northern bypass  | 9525    | 9990  | ACC          | Ž4257         | Ž4068  | 10,4        |
| 7          | 2512       | Čepin                   | 7153    | 7246  | ACC          | D2            | D4247  | 3,5         |
| 7          | 3705       | Vuka                    | 4796    | 4938  | ACC          | Ž4107         | L44107 | 2,5         |
| 7          | 3606       | Vrpolje                 | 3701    | 4184  | ACC          | L44138        | Ž4202  | 2,9         |
| 7          | 3615       | Sikirevci - south       | 2623    | ...   | ACC          | Ž4220         | L42049 | 4,3         |
| 8          | 2801       | Pasjak                  | 5434    | 9488  | ACC          | L58011        | A7     | 3,9         |
| 8          | 2804       | Mučići                  | 6527    | 7769  | ACC          | Ž5016         | L58015 | 0,9         |
| 8          | 2809       | Pavlovac                | 7813    | 9577  | ACP          | D66           | Ž5051  | 2,3         |
| 8          | 2917       | Kostrena                | 3772    | 4882  | ACC          | L58054        | D40    | 2,2         |
| 8          | 2923       | Crikvenica              | 9919    | 17943 | ACC          | Ž5091         | Ž5091  | 3,1         |
| 8          | 2928       | N. Vinodolski - north   | 8368    | 15900 | ACP          | Ž5062         | Ž5064  | 5,6         |
| 8          | 2929       | Sibinj Krmpotski        | 4634    | 9341  | ACC          | Ž5109         | L59001 | 13,3        |
| 8          | 4102       | Sveti Juraj             | 3660    | 8246  | ACP          | D23           | Ž5126  | 8,1         |
| 8          | 4105       | Vlaka                   | 2927    | 7149  | ACC          | L59028        | D405   | 19,0        |
| 8          | 4107       | Prizna - north          | 1629    | 4288  | ACP          | L59048        | D406   | 25,0        |
| 8          | 4218       | Cesarica                | 1236    | 2648  | ACP          | D406          | D25    | 13,0        |
| 8          | 4207       | Karlobag                | 1119    | 2393  | ACC          | D25           | L63025 | 35,6        |
| 8          | 4802       | Starigrad (Paklenica)   | 4192    | 8501  | ACC          | L63153        | Ž6008  | 1,5         |
| 8          | 4925       | Posedarje - east        | 3731    | 8828  | ACP          | L63028        | L63063 | 3,2         |
| 8          | 4810       | Murvica                 | 15433   | 21562 | ACC          | Ž6011         | L63167 | 3,4         |
| 8          | 4825       | Bibinje                 | 13876   | 20620 | ACC          | D424          | Ž6039  | 2,8         |
| 8          | 4814       | Sukošan                 | 7387    | 11565 | ACP          | Ž6040         | Ž6045  | 7,2         |
| 8          | 5305       | Pirovac                 | 5386    | 10542 | ACC          | Ž6068         | D59    | 2,9         |
| 8          | 5335       | Vodice bypass           | 4485    | 7836  | ACC          | Ž6086         | Ž6286  | 3,1         |
| 8          | 5308       | Šibenik                 | 15481   | 23560 | ACC          | Ž6088         | L65037 | 3,0         |
| 8          | 5309       | Grebaštica              | 5894    | 11528 | ACC          | D58           | Ž6127  | 12,0        |
| 8          | 5325       | Primošten - south       | 4205    | 8517  | ACP          | L65075        | L65077 | 5,0         |
| 8          | 5407       | Marina                  | 4846    | 9095  | ACC          | L65078        | Ž6130  | 3,6         |
| 8          | 5438       | Plano                   | 20109   | 27322 | ACC          | D315          | D409   | 3,8         |
| 8          | 5423       | Solin                   | 46941   | 56559 | ACC          | Ž6137         | Ž6139  | 0,2         |
| 8          | 5422       | Stobreč                 | 52602   | 60031 | ACC          | D410          | Ž6143  | 3,1         |
| 8          | 5902       | Jesenice                | 11088   | 14401 | ACC          | Ž6162         | L67112 | 2,7         |
| 8          | 5916       | Omiš - west             | 15956   | 17879 | ACC          | L67120        | D70    | 0,7         |
| 8          | 5909       | Mimice - east           | 5118    | 8944  | ACP          | L67135        | Ž6167  | 1,8         |
| 8          | 5910       | Brela                   | 5674    | 10194 | ACC          | D39           | L67144 | 4,0         |
| 8          | 5926       | Baško Polje             | 11356   | 21125 | ACC          | D76           | L67179 | 1,0         |
| 8          | 6004       | Živogošće               | 3084    | 6304  | ACC          | L67197        | D412   | 9,1         |
| 8          | 6005       | Gradac                  | 2723    | 5734  | ACP          | L67205        | L67204 | 3,3         |
| 8          | 6010       | Rogotin                 | 8395    | 14520 | ACC          | L69086        | L69005 | 0,8         |
| 8          | 6501       | Klek                    | 5230    | 11291 | ACP          | L69029        | Ž6279  | 7,9         |
| 8          | 6503       | Zaton Doli              | 5181    | 9851  | ACC          | Ž6227         | D414   | 6,1         |
| 8          | 6506       | Doli                    | 5783    | 11200 | ACP          | D414          | L69045 | 3,4         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                     | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|---------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 8          | 6601       | Zaton               | 9378    | 15716 | ACC          | L69047        | Ž6254  | 9,1         |
| 8          | 6608       | Vidikovac           | 17505   | 24040 | ACC          | D420          | D223   | 7,8         |
| 8          | 6602       | Kupari              | 16537   | 24066 | ACC          | L69050        | Ž6243  | 0,6         |
| 8          | 6604       | Gruda - southeast   | 4037    | 7238  | ACC          | L69055        | Ž6241  | 1,6         |
| 9          | 6103       | Metković            | 4364    | 5342  | ACP          | border        | D62    | 1,0         |
| 9          | 6104       | Kula Norinska       | 8612    | 11655 | ACC          | L69013        | L69012 | 2,2         |
| 10         | 2008       | Sveta Helena        | 12994   | 12686 | ACC          | A4            | D41    | 8,0         |
| 10         | 2030       | Vrbovec bypass      | 10105   | 10300 | ACC          | D41           | Ž3079  | 4,8         |
| 14         | 1143       | Mokrice             | 4242    | 4304  | ACP          | D307          | Ž2197  | 4,7         |
| 20         | 1319       | Ivanovec            | 7468    | 7865  | ACC          | Ž2022         | A4     | 1,7         |
| 20         | 1305       | Prelog              | 4313    | 4318  | ACP          | Ž2038         | Ž2033  | 5,7         |
| 20         | 1324       | Koprivnica - north  | 3915    | 4129  | ACC          | L26154        | D2     | 4,5         |
| 22         | 1233       | Moždenec            | 3235    | 3290  | ACC          | D3            | D24    | 2,3         |
| 22         | 1228       | Vukovec             | 1309    | 1369  | ACP          | L26003        | L26047 | 2,6         |
| 22         | 2125       | Trema               | 2371    | 2257  | ACC          | L26069        | Ž2228  | 0,8         |
| 23         | 3008       | Belavići            | 3304    | 4086  | ACC          | L34062        | Ž3176  | 6,4         |
| 23         | 3013       | Skradnik            | 1908    | 2575  | ACP          | Ž3256         | Ž3255  | 2,8         |
| 23         | 3014       | Munjava (Josipdol)  | 1174    | 1557  | ACC          | D42           | L34137 | 0,4         |
| 23         | 3028       | Modruš              | 401     | 652   | ACP          | L34136        | L59007 | 15,6        |
| 23         | 4201       | Brinje              | 818     | 1208  | ACP          | L59015        | Ž5110  | 5,2         |
| 23         | 4101       | Senj - east         | 3988    | 8252  | ACC          | L59009        | D8     | 11,0        |
| 24         | 1238       | Poznanovec          | 7736    | 7700  | ACC          | Ž2201         | Ž2168  | 0,8         |
| 24         | 1230       | Konjščina           | 3395    | ...   | ACC          | Ž2170         | L22022 | 0,6         |
| 24         | 1222       | Novi Marof - west   | 3465    | 3576  | ACC          | L25134        | L25132 | 0,9         |
| 24         | 1237       | Ljubešćica          | 2891    | 3031  | ACC          | Ž2136         | L25150 | 1,6         |
| 24         | 1309       | Leskovec Toplički   | 1460    | 1558  | ACP          | Ž2111         | L25154 | 3,6         |
| 25         | 4303       | Bunić               | 558     | 819   | ACP          | L59064        | Ž5156  | 2,7         |
| 25         | 4206       | Budak               | 4590    | 5242  | ACC          | D50           | D534   | 3,7         |
| 25         | 4209       | Novoselo Trnovačko  | 1217    | 2072  | ACC          | Ž5162         | Ž5163  | 1,2         |
| 26         | 2036       | Konak               | 2493    | 2453  | ACC          | A12           | L31069 | 3,8         |
| 26         | 2111       | Čazma - east        | 1789    | 1867  | ACP          | D43           | L37057 | 3,2         |
| 26         | 2112       | Trnovitički Popovac | 1337    | 1331  | ACP          | L37105        | Ž3090  | 3,0         |
| 26         | 2211       | Hrastovac           | 1492    | 1515  | ACP          | L37142        | Ž3168  | 3,3         |
| 26         | 2218       | Uljanik             | 1288    | 1379  | ACC          | L37145        | L37142 | 3,0         |
| 27         | 4930       | Gračac              | 1763    | 3636  | ACP          | D1            | D50    | 2,0         |
| 27         | 4912       | Zaton Obrovački     | 1583    | 3263  | ACC          | Ž6027         | Ž6028  | 6,7         |
| 27         | 4914       | Kruševo             | 1606    | 2741  | ACP          | Ž6025         | L63069 | 3,7         |
| 27         | 4915       | Benkovac            | 1698    | 3189  | ACC          | Ž6048         | L63123 | 10,6        |
| 27         | 5317       | Gornje Ceranje      | 1608    | 2326  | ACP          | Ž6064         | Ž6066  | 7,4         |
| 27         | 5303       | Gaćezezi            | 2257    | 3647  | ACC          | D59           | Ž6071  | 5,4         |
| 28         | 2103       | Sveti Ivan Žabno    | 6965    | 7143  | ACC          | Ž3041         | Ž2229  | 4,1         |
| 28         | 2102       | Predavac            | 9305    | 9322  | ACC          | Ž3022         | D524   | 0,3         |
| 28         | 2104       | Bjelovar bypass     | 3739    | 4146  | ACP          | Ž3022         | D43    | 6,7         |
| 28         | 2106       | Prespa              | 5768    | 5727  | ACC          | Ž3048         | Ž3087  | 0,7         |
| 28         | 2110       | Bulinac             | 2780    | 2753  | ACP          | Ž3090         | Ž3280  | 2,3         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                       | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|-----------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                  | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 29         | 1232       | Mače - east           | 3309    | 3308  | ACP          | Ž2168         | Ž2128  | 2,3         |
| 29         | 1231       | Zlatar Bistrica       | 4030    | 4524  | ACC          | D24           | Ž2202  | 3,4         |
| 29         | 2004       | Kašina                | 3332    | 3423  | ACC          | L10004        | Ž1001  | 1,0         |
| 30         | 2043       | Petina                | 18675   | 18421 | ACC          | A3            | D30    | 5,9         |
| 30         | 2019       | Lekenik               | 6121    | 6138  | ACC          | L33006        | Ž3230  | 2,2         |
| 30         | 2020       | Žažina                | 10204   | 10398 | ACC          | D36           | Ž3156  | 0,3         |
| 30         | 3208       | Brest Pokupski        | 5633    | 6015  | ACC          | Ž3242         | D37    | 1,8         |
| 30         | 3205       | Budičina              | 2162    | 2588  | ACP          | Ž3201         | L33053 | 0,7         |
| 30         | 3311       | Hrvatska Kostajnica   | 3409    | 3919  | ACC          | D224          | L33159 | 2,0         |
| 31         | 2016       | Kurilovec             | 5866    | 5931  | ACP          | A11           | L31199 | 11,3        |
| 31         | 3209       | Donje Taborište       | 155     | 199   | ACP          | Ž3194         | L33029 | 3,2         |
| 32         | 1701       | Prezid                | 656     | 917   | ACP          | border        | D305   | 8,7         |
| 32         | 1702       | Smrečje               | 730     | 883   | ACC          | L58004        | Ž5185  | 7,2         |
| 32         | 2903       | Crni Lug              | 619     | 745   | ACP          | Ž5032         | D3     | 10,7        |
| 33         | 5001       | Knin - north          | 1204    | 1744  | ACC          | L65009        | Ž6080  | 6,0         |
| 33         | 5003       | Knin - south          | 3470    | 4271  | ACC          | D1            | Ž6056  | 4,0         |
| 33         | 5412       | Pakovo Selo           | 2229    | 3168  | ACC          | Ž6094         | L65083 | 6,1         |
| 33         | 5322       | Dubrava Šibenska      | 9947    | 15912 | ACC          | Ž6091         | D8     | 1,8         |
| 34         | 2411       | Podravska Moslavina   | 2056    | 1687  | ACC          | Ž4030         | Ž4031  | 8,1         |
| 34         | 2402       | Donji Miholjac - east | 3655    | 3774  | ACP          | D53           | L44016 | 9,2         |
| 34         | 2405       | Šag                   | 5666    | 5246  | ACC          | Ž4051         | L44028 | 2,8         |
| 35         | 1267       | Vidovec               | 11030   | 10613 | ACC          | D2            | Ž2061  | 4,1         |
| 35         | 1213       | Greda                 | 6284    | 6160  | ACC          | L25042        | Ž2063  | 1,8         |
| 35         | 1216       | Kaniža - west         | 5638    | 5742  | ACP          | Ž2084         | Ž2102  | 2,0         |
| 35         | 1132       | Novi Golubovec        | 2156    | 2225  | ACP          | Ž2257         | D29    | 1,2         |
| 35         | 1123       | Gornja Šemnica        | 2775    | 2867  | ACC          | Ž2125         | Ž2122  | 1,6         |
| 36         | 1921       | Orlovac               | 1782    | 2080  | ACP          | D1            | Ž3106  | 31,0        |
| 36         | 1923       | Pisarovina - south    | 1788    | 1958  | ACP          | Ž3106         | L31187 | 1,0         |
| 36         | 2022       | Letovanić             | 1208    | 1406  | ACP          | L33008        | D30    | 4,1         |
| 36         | 2021       | Stupno                | 6007    | 5849  | ACP          | D30           | D37    | 9,4         |
| 36         | 3201       | Novo Selo Palanječko  | 2945    | 3070  | ACC          | Ž3206         | L33055 | 1,2         |
| 36         | 2117       | Stručec               | 3379    | 4063  | ACP          | Ž3161         | L33017 | 0,8         |
| 36         | 2127       | Popovača - west       | 5680    | 5722  | ACC          | A3            | Ž3124  | 2,9         |
| 37         | 3203       | Petrinja              | 8925    | 9231  | ACP          | D224          | L33051 | 3,3         |
| 37         | 3202       | Novo Selište          | 4599    | 5650  | ACC          | D30           | Ž3198  | 3,2         |
| 38         | 3401       | Pakrac - east         | 1022    | 1069  | ACP          | D5            | L41017 | 10,5        |
| 38         | 3504       | Pasikovci             | 962     | 1004  | ACC          | Ž4113         | L41018 | 1,3         |
| 38         | 3505       | Kuzmica               | 5775    | 5726  | ACC          | L41054        | Ž4116  | 3,0         |
| 38         | 3507       | Pleternica - east     | 1168    | 1258  | ACP          | Ž4030         | L41063 | 7,7         |
| 38         | 3605       | Levanjska Varoš       | 633     | 723   | ACP          | Ž4144         | L44120 | 4,0         |
| 39         | 5511       | Cista Provo           | 964     | 2016  | ACP          | L67098        | D60    | 6,1         |
| 39         | 5908       | Cista Provo - south   | 1471    | 3021  | ACC          | L67137        | Ž6171  | 1,9         |
| 39         | 5903       | Gornja Brela          | 2237    | 4933  | ACC          | Ž6166         | L67134 | 7,3         |
| 41         | 1401       | Gola                  | 903     | 1028  | ACP          | Ž2116         | Ž2115  | 3,9         |
| 41         | 1310       | Petranec              | 2344    | 2456  | ACP          | Ž2114         | Ž2113  | 1,3         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                        | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|------------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                   | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 41         | 1311       | Sokolovac              | 4455    | 4468  | ACC          | L26006        | L26073 | 3,0         |
| 42         | 3010       | Sveti Petar            | 1351    | 1480  | ACP          | L34099        | Ž3254  | 3,9         |
| 42         | 4306       | Saborsko - east        | 665     | 1252  | ACP          | Ž5113         | D429   | 24,1        |
| 42         | 4314       | Čatrnja                | 5233    | 10417 | ACC          | L34161        | D1     | 2,0         |
| 43         | 1314       | Hampovica              | 3530    | 3845  | ACC          | Ž2183         | Ž2236  | 9,8         |
| 43         | 2140       | Kupinovac              | 5117    | 5395  | ACC          | Ž3028         | D28    | 2,7         |
| 43         | 2105       | Markovac               | 2870    | 3298  | ACP          | D28           | D28    | 7,3         |
| 43         | 2108       | Narta - north          | 4090    | 3966  | ACC          | D28           | Ž3084  | 8,8         |
| 43         | 2015       | Caginec                | 6571    | 6665  | ACP          | Ž3124         | Ž3074  | 1,9         |
| 44         | 2750       | Ponte Porton           | 1337    | 2358  | ACP          | L50043        | Ž5209  | 9,4         |
| 44         | 2706       | Fontana                | 3024    | 3905  | ACP          | L50029        | Ž5013  | 2,9         |
| 44         | 2806       | Lupoglav - north       | 3981    | 5773  | ACC          | L50080        | Ž5014  | 3,4         |
| 45         | 2207       | Veliki Zdenci          | 1588    | 1842  | ACC          | Ž3136         | Ž3133  | 5,0         |
| 45         | 2209       | Hercegovac             | 2334    | 2640  | ACP          | Ž3133         | Ž3135  | 2,0         |
| 45         | 2128       | Garešnica              | 5615    | 5598  | ACP          | Ž3165         | D45    | 2,6         |
| 45         | 2115       | Kapelica               | 3165    | 3457  | ACC          | D26           | L37138 | 4,0         |
| 45         | 3321       | Kutina - north         | 6017    | 6213  | ACC          | Ž3163         | L33070 | 2,3         |
| 46         | 3708       | Stari Mikanovci        | 3618    | 3710  | ACC          | Ž4133         | Ž4166  | 4,7         |
| 46         | 3722       | Vinkovci bypass        | 2345    | 2463  | ACC          | D518          | D55    | 6,8         |
| 46         | 3711       | Srijemske Laze         | 3615    | 3790  | ACC          | Ž4150         | L46027 | 2,8         |
| 46         | 3712       | Orolik                 | 2835    | 3033  | ACP          | D57           | D57    | 3,6         |
| 46         | 3804       | Ilača - west           | 1790    | 2297  | ACP          | Ž4197         | L46033 | 2,3         |
| 46         | 3810       | Tovarnik               | 1834    | 2272  | ACC          | Ž4233         | border | 2,1         |
| 47         | 3402       | Jagma                  | 812     | 889   | ACP          | Ž4236         | Ž4112  | 2,0         |
| 47         | 3306       | Bročice                | 2753    | 3750  | ACC          | Ž3250         | Ž3253  | 2,0         |
| 47         | 3308       | Slabinja               | 1045    | 1264  | ACP          | L33177        | Ž3264  | 13,6        |
| 47         | 3207       | Hrv. Kostajnica - west | 946     | 1073  | ACP          | D30           | L33165 | 6,6         |
| 48         | 2712       | Tinjan                 | 4117    | 4891  | ACP          | L50096        | L50099 | 1,1         |
| 49         | 3509       | Batrina - north        | 1219    | 1364  | ACP          | Ž4185         | Ž4158  | 4,9         |
| 49         | 3531       | Batrina - east         | 2710    | 2909  | ACC          | Ž4158         | Ž4244  | 2,2         |
| 50         | 4202       | Brlog                  | 1662    | 2761  | ACP          | L59016        | Ž5127  | 2,9         |
| 50         | 4203       | Otočac (Brlog)         | 2963    | 4329  | ACC          | A1            | Ž5140  | 4,0         |
| 50         | 4205       | Ličko Lešće            | 1652    | 1979  | ACC          | Ž5144         | Ž5147  | 2,3         |
| 50         | 4219       | Perušić                | 2312    | 2488  | ACP          | Ž5154         | D25    | 5,6         |
| 50         | 4225       | Gospić - south         | 1763    | 1871  | ACP          | D25           | A1     | 28,5        |
| 50         | 4931       | Medak - south          | 699     | 947   | ACP          | D25           | A1     | 28,5        |
| 50         | 4905       | Sveti Rok              | 1306    | 1634  | ACC          | A1            | L59116 | 1,5         |
| 51         | 3530       | Bektež                 | 1448    | 1499  | ACC          | Ž4117         | L41045 | 2,4         |
| 51         | 3524       | Eminovci               | 5719    | 5686  | ACC          | L41033        | D38    | 3,2         |
| 51         | 3515       | Oblakovac              | 1734    | 1873  | ACC          | D38           | L41019 | 8,8         |
| 52         | 4204       | Vrhovine               | 1428    | 2558  | ACC          | Ž5130         | L59140 | 6,6         |
| 53         | 2401       | Donji Miholjac         | 809     | 1014  | ACC          | border        | D34    | 3,9         |
| 53         | 2404       | Beničanci              | 1496    | 1607  | ACP          | Ž4046         | Ž4031  | 4,8         |
| 53         | 2409       | Velimirovac            | 4638    | 4767  | ACC          | Ž4075         | D2     | 3,2         |
| 53         | 3603       | Gradac Našički         | 1869    | 2087  | ACC          | L44094        | D51    | 10,3        |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                     | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|---------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 53         | 3503       | Čaglin              | 822     | 1046  | ACC          | L41046        | Ž4124  | 2,7         |
| 53         | 3607       | Rastušje            | 3147    | 3310  | ACC          | L42038        | L42039 | 2,8         |
| 53         | 3516       | Slavonski Brod      | 7914    | 8721  | ACC          | D525          | D72    | 2,1         |
| 54         | 4911       | Jasenice            | 1577    | 3298  | ACP          | L63067        | L63029 | 2,7         |
| 55         | 3706       | Nuštar              | 8357    | 8411  | ACC          | Ž4134         | L46007 | 2,2         |
| 55         | 3710       | Kunjevci            | 6803    | 7362  | ACC          | Ž4192         | Ž4193  | 0,6         |
| 55         | 3719       | Županja             | 4981    | 6075  | ACC          | L46045        | border | 0,8         |
| 56         | 4829       | Tromilja            | 3211    | 3677  | ACC          | D502          | Ž6021  | 3,0         |
| 56         | 4916       | Rašević             | 2802    | 3233  | ACC          | L63178        | L63203 | 0,8         |
| 56         | 5329       | Bulić               | 1356    | 1708  | ACC          | L63151        | L63151 | 1,5         |
| 56         | 5306       | Skradin             | 2198    | 3769  | ACC          | Ž6075         | G.A.P. | 1,3         |
| 56         | 5413       | Kljake              | 1474    | 1708  | ACC          | Ž6097         | Ž6099  | 4,6         |
| 56         | 5503       | Progon - south      | 2627    | 2889  | ACP          | D219          | Ž6116  | 2,1         |
| 57         | 3802       | Negoslavci - south  | 1080    | 1230  | ACP          | L46013        | Ž4195  | 3,3         |
| 57         | 3805       | Lipovac - north     | 475     | 658   | ACP          | L46052        | L46061 | 0,8         |
| 58         | 5326       | Šibenik - south     | 12228   | 14494 | ACP          | port          | D8     | 3,0         |
| 58         | 5320       | Vrpolje - west      | 4644    | 5694  | ACP          | D8            | D531   | 12,9        |
| 58         | 5406       | Seget Donji         | 2764    | 4539  | ACC          | Ž6129         | D8     | 8,9         |
| 59         | 5006       | Radučić - east      | 1129    | 1630  | ACP          | L65008        | Ž6054  | 6,0         |
| 59         | 5302       | Kistanje            | 1062    | 1713  | ACP          | L65023        | Ž6074  | 7,6         |
| 59         | 5319       | Čista Mala - south  | 2199    | 5439  | ACC          | Ž6071         | D27    | 6,0         |
| 59         | 5324       | Dubrava kod Tisnoga | 1958    | 4161  | ACP          | L65031        | D8     | 7,0         |
| 60         | 5505       | Trilj               | 5816    | 6703  | ACP          | Ž6124         | L67083 | 1,6         |
| 60         | 5510       | Cista Velika        | 2851    | 3436  | ACC          | L67226        | Ž6153  | 1,0         |
| 60         | 5901       | Lovreć              | 2992    | 3607  | ACC          | L67101        | Ž6173  | 0,9         |
| 60         | 6001       | Grubine             | 6706    | 9522  | ACC          | L67159        | Ž6186  | 2,6         |
| 60         | 6012       | Vinjani Donji       | 5292    | 6225  | ACC          | D76           | L67171 | 2,1         |
| 62         | 6014       | Zagvozd             | 4752    | 7900  | ACC          | D76           | L67143 | 0,3         |
| 62         | 6002       | Ravča - west        | 913     | 1119  | ACP          | L67199        | D512   | 1,0         |
| 62         | 6013       | Vrgorac - west      | 1681    | 2478  | ACP          | D512          | Ž6208  | 6,3         |
| 62         | 6101       | Nova Sela           | 611     | 799   | ACP          | A10           | L69008 | 2,0         |
| 64         | 2820       | Pićan               | 2589    | 3058  | ACC          | L50086        | L50123 | 1,6         |
| 64         | 2831       | Vozilići - north    | 4521    | 6623  | ACP          | D500          | D66    | 1,4         |
| 66         | 3904       | Loborika            | 7260    | 9726  | ACP          | D401          | L50170 | 2,1         |
| 66         | 2747       | Kujići              | 3529    | 4775  | ACP          | L50145        | L50182 | 4,4         |
| 66         | 2817       | Raša                | 3028    | 4804  | ACP          | D421          | Ž5103  | 8,4         |
| 66         | 2815       | Stepčiči            | 6566    | 9179  | ACC          | L50185        | D64    | 5,5         |
| 66         | 2805       | Plomin              | 2108    | 3695  | ACP          | L50180        | D402   | 9,5         |
| 66         | 2814       | Medveja             | 4343    | 7357  | ACC          | Ž5082         | Ž5050  | 7,7         |
| 66         | 2813       | Opatija - south     | 13040   | 18039 | ACC          | Ž5048         | Ž5051  | 1,6         |
| 69         | 2306       | Voćin               | 1085    | 1090  | ACC          | L40069        | Ž4100  | 19,0        |
| 70         | 5918       | Omiš - north        | 5182    | 7538  | ACC          | D8            | Ž6165  | 4,1         |
| 72         | 3626       | Slavonski Brod 2    | 9996    | 9352  | ACC          | D53           | D423   | 2,7         |
| 74         | 1125       | Žutnica             | 1490    | 1506  | ACP          | D207          | L22013 | 8,1         |
| 74         | 1126       | Bednja              | 2380    | 2440  | ACC          | L25013        | L25108 | 3,7         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                   | TRAFFIC |       | Count Method | COUNT SECTION |            |             |
|------------|------------|-------------------|---------|-------|--------------|---------------|------------|-------------|
|            | Label      | Name              | AADT    | ASDT  |              | Beginning     | End        | Length (km) |
| 75         | 2755       | Marija na Krasu   | 4118    | 6443  | ACC          | L50005        | D75        | 3,1         |
| 75         | 2708       | Dajla             | 3914    | 9218  | ACC          | L50040        | D301       | 5,5         |
| 75         | 2757       | Funtana           | 7458    | 15442 | ACC          | L50091        | Ž5071      | 5,8         |
| 75         | 2717       | Bale              | 2433    | 3816  | ACC          | Ž5098         | Ž5096      | 2,9         |
| 75         | 3905       | Pula - north      | 11818   | 14217 | ACP          | Ž5117         | L50160     | 2,3         |
| 76         | 6037       | Poljica           | 4512    | 7660  | ACP          | Ž6178         | L67150     | 2,2         |
| 76         | 6011       | Vinjani Gornji    | 2110    | 2754  | ACP          | L67168        | border     | 1,8         |
| 77         | 2751       | Žminj             | 3235    | 3561  | ACC          | Ž5077         | L50132     | 2,7         |
| 100        | 4001       | Predošćica        | 625     | 1738  | ACP          | L58084        | D101       | 10,1        |
| 100        | 4006       | Cres              | 2206    | 4492  | ACC          | D101          | Ž5124      | 2,3         |
| 100        | 4003       | Ćunski            | 2477    | 4716  | ACC          | L58115        | Ž5157      | 6,3         |
| 102        | 2919       | TS Krk Bridge     | 12300   | 22364 | TCTS         | Ž5189         | D103       | 3,8         |
| 102        | 2922       | Omišalj           | 11104   | 20336 | ACC          | Ž5083         | L58065     | 2,3         |
| 102        | 2924       | Sveti Vid         | 10298   | 20181 | ACP          | Ž5084         | Ž5086      | 3,1         |
| 102        | 2934       | Krk               | 5843    | 10910 | ACC          | Ž5131         | Ž5131      | 2,3         |
| 102        | 2946       | Punat - north     | 4024    | 8513  | ACC          | Ž5125         | Ž5183      | 1,6         |
| 105        | 4106       | Barbat na Rabu    | 1712    | 4083  | ACC          | Ž5139         | ferry port | 6,4         |
| 106        | 4801       | Island Pag Bridge | 3458    | 8182  | ACP          | Ž6005         | Ž6007      | 17,6        |
| 106        | 4822       | Vulete            | 2332    | 6050  | ACC          | Ž6016         | Ž6017      | 2,8         |
| 109        | 4813       | Brbinj            | 360     | 926   | ACP          | D124          | L63095     | 1,9         |
| 110        | 4815       | Kukljica          | 1425    | 3011  | ACP          | L63171        | L63110     | 4,9         |
| 113        | 5907       | Supetar - south   | 2636    | 4250  | ACC          | D114          | L67172     | 4,2         |
| 115        | 5919       | Gornji Humac      | 1571    | 3324  | ACP          | D113          | Ž6192      | 1,0         |
| 116        | 5917       | Jelsa             | 1785    | 3704  | ACC          | L67194        | L67196     | 26,3        |
| 117        | 5801       | Vis               | 425     | 1035  | ACP          | Ž6212         | L67212     | 0,5         |
| 118        | 6403       | Žrnovo            | 1843    | 3171  | ACC          | L69073        | L69073     | 1,5         |
| 120        | 6504       | Babino Polje      | 492     | 947   | ACC          | L69037        | D123       | 15,5        |
| 121        | 5304       | Murter            | 2424    | 5193  | ACP          | Ž6250         | Ž6250      | 2,8         |
| 200        | 2701       | Plovanija         | 5895    | 10436 | ACC          | border        | D510       | 2,2         |
| 200        | 2718       | Buje - west       | 5063    | 6633  | ACP          | Ž5209         | Ž5070      | 2,5         |
| 201        | 2704       | Štrped            | 2188    | 4094  | ACP          | L50026        | D44        | 3,5         |
| 203        | 2936       | Mala Lešnica      | 1133    | 2036  | ACC          | L58022        | D3         | 9,7         |
| 204        | 3001       | Pribanjci         | 1154    | 2325  | ACP          | L34055        | D3         | 1,4         |
| 204        | 3040       | Bosanci           | 1413    | 2820  | ACC          | D3            | Ž3175      | 3,5         |
| 205        | 1109       | Tuheljske Toplice | 3727    | 4019  | ACP          | Ž2248         | Ž2155      | 1,5         |
| 206        | 1112       | Hum na Sutli      | 2851    | 2852  | ACP          | border        | D229       | 2,1         |
| 206        | 1133       | Pregrada          | 3921    | 3979  | ACP          | Ž2118         | D507       | 1,5         |
| 206        | 1105       | Petrovsko         | 1666    | 1667  | ACP          | Ž2120         | D1         | 9,1         |
| 207        | 1124       | Hromec            | 3111    | 4302  | ACC          | border        | Ž2096      | 5,3         |
| 208        | 1202       | Trnovec           | 974     | 1076  | ACC          | border        | Ž2009      | 2,6         |
| 209        | 1001       | Mursko Središće   | 5141    | 5855  | ACC          | Ž2003         | L20003     | 0,9         |
| 209        | 1201       | Šenkovec          | 11781   | 12344 | ACC          | Ž2016         | D227       | 2,9         |
| 209        | 1257       | Šenkovec - south  | 18174   | 18502 | ACP          | D227          | D3         | 2,8         |
| 210        | 1408       | Repaš             | 577     | 643   | ACC          | Ž2116         | L26037     | 3,1         |
| 210        | 1402       | Virje             | 1226    | 1339  | ACP          | Ž2114         | L26102     | 3,2         |

**Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**SR 2018**

| ROAD LABEL | COUNT SITE |                               | TRAFFIC |       | Count Method | COUNT SECTION |         |             |
|------------|------------|-------------------------------|---------|-------|--------------|---------------|---------|-------------|
|            | Label      | Name                          | AADT    | ASDT  |              | Beginning     | End     | Length (km) |
| 211        | 2410       | Baranjsko Petrovo Selo        | 351     | 404   | ACP          | border        | D517    | 2,0         |
| 212        | 2502       | Suza                          | 1980    | 2223  | ACC          | Ž4037         | L44011  | 4,9         |
| 213        | 2511       | Bijelo Brdo                   | 3705    | 4266  | ACC          | L44084        | L44085  | 3,9         |
| 213        | 2601       | Erdut                         | 2129    | 2245  | ACP          | D519          | Ž4093   | 6,6         |
| 214        | 4501       | Posavski Podgajci             | 1718    | 1983  | ACC          | Ž4230         | L46054  | 7,6         |
| 216        | 3109       | Miholjsko                     | 2172    | 2617  | ACC          | Ž3224         | L34144  | 4,5         |
| 217        | 4301       | Ličko Petrovo Selo            | 2146    | 3387  | ACC          | D504          | border  | 3,0         |
| 218        | 4305       | Donji Lapac                   | 410     | 593   | ACP          | Ž5169         | Ž5168   | 3,6         |
| 218        | 4923       | Mazin - south                 | 158     | 242   | ACP          | L59118        | D1      | 21,6        |
| 219        | 5502       | Progon - east                 | 814     | 905   | ACP          | D56           | L67031  | 2,0         |
| 219        | 5501       | Obrovac Sinjski               | 462     | 502   | ACP          | L67016        | Ž6122   | 1,6         |
| 220        | 5520       | Čaporice                      | 4171    | 5418  | ACC          | Ž6260         | D60     | 4,5         |
| 220        | 5506       | Kamensko                      | 1769    | 2882  | ACC          | Ž6125         | L67104  | 4,5         |
| 223        | 6605       | Gornji Brgat                  | 1122    | 1702  | ACP          | border        | L69048  | 4,5         |
| 224        | 3304       | Sunja                         | 1936    | 2024  | ACC          | Ž3244         | Ž3211   | 1,9         |
| 224        | 3309       | Gornji Hrastovac              | 799     | 830   | ACP          | L33119        | L33126  | 1,5         |
| 225        | 1924       | Šenkovec - east               | 2522    | 2721  | ACP          | Ž3033         | Ž3035   | 1,2         |
| 225        | 1925       | Zaprešić - east               | 18953   | 18206 | ACP          | Ž2186         | D1      | 4,1         |
| 227        | 1243       | Brezje                        | 5425    | 5523  | ACC          | Ž2015         | D209    | 2,4         |
| 228        | 1805       | Kamanje                       | 1340    | 1380  | ACC          | L34021        | Ž3296   | 7,2         |
| 228        | 1934       | Mahično                       | 5970    | 5536  | ACC          | Ž3143         | D1      | 6,4         |
| 229        | 1127       | Zagorska Sela                 | 610     | 799   | ACC          | L22025        | D205    | 4,0         |
| 231        | 1933       | Sveta Nedelja                 | 19793   | 15960 | ACC          | Ž3061         | A3      | 0,6         |
| 232        | 3316       | Drenov Bok                    | 225     | 180   | ACC          | Ž3249         | D47     | 12,8        |
| 300        | 2705       | Grando                        | 4930    | 6216  | ACP          | L50006        | L50008  | 2,8         |
| 301        | 2720       | Bužinija - south              | 5438    | 8958  | ACP          | D75           | Ž5070   | 3,7         |
| 302        | 2711       | Žbandaj                       | 11444   | 16221 | ACP          | L50089        | Ž5072   | 3,6         |
| 303        | 2716       | Sošići                        | 7386    | 13741 | ACP          | Ž5096         | L50128  | 7,4         |
| 306        | 4821       | Privlaka - north              | 4075    | 9020  | ACP          | L63168        | Ž6273   | 2,9         |
| 306        | 4808       | Kožino                        | 11203   | 21405 | ACC          | L63049        | L63052  | 2,3         |
| 307        | 1936       | Oroslavje                     | 5119    | 5188  | ACC          | L22069        | L22069  | 0,5         |
| 307        | 1901       | Stubičke Toplice              | 6850    | 6940  | ACP          | L22071        | Ž2200   | 1,7         |
| 307        | 1236       | Gusakovec                     | 1101    | 1240  | ACP          | Ž2201         | L22078  | 5,2         |
| 401        | 3911       | Pula airport                  | 3145    | 5153  | ACP          | D66           | Ž5120   | 1,6         |
| 407        | 4827       | Zadar                         | 20905   | 27825 | ACP          | port          | D8      | 3,8         |
| 408        | 2035       | Velika Gorica northern bypass | 7502    | 9372  | ACC          | airport       | D30     | 3,8         |
| 413        | 6038       | Ploče                         | 2541    | 3336  | ACC          | D425          | Ž6216   | 1,0         |
| 414        | 6401       | Golubnica                     | 1987    | 4394  | ACP          | Ž69025        | D415    | 6,7         |
| 414        | 6502       | Putniković                    | 1725    | 3506  | ACC          | Ž6226         | L69030  | 6,0         |
| 414        | 6505       | Zamaslina                     | 3122    | 5575  | ACC          | L69066        | D8      | 5,1         |
| 415        | 6404       | Košarni Do                    | 1073    | 2248  | ACC          | L69026        | D414    | 1,4         |
| 417        | 2517       | Nemetin                       | 4545    | 4817  | ACP          | port          | D2      | 2,3         |
| 420        | 6609       | Sustjepan                     | 12451   | 14834 | ACC          | D8            | port    | 2,8         |
| 422        | 4828       | Zemunik                       | 2947    | 4186  | ACP          | D424          | airport | 3,9         |
| 423        | 3625       | Slavonski Brod 1              | 13218   | 13230 | ACC          | D514          | D72     | 2,8         |

Table 3.1. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./

SR 2018

| ROAD LABEL | COUNT SITE |                       | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|-----------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                  | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 424        | 4820       | Gaženica              | 9192    | 13226 | ACC          | D8            | D422   | 3,9         |
| 429        | 4315       | Selište Drežničko     | 5196    | 10931 | ACC          | D42           | L59024 | 1,0         |
| 429        | 4311       | Jezerce               | 4337    | 9523  | ACP          | L59025        | D1     | 9,9         |
| 500        | 2811       | Vranja                | 2346    | 3618  | ACC          | L50084        | L50087 | 5,3         |
| 501        | 2926       | čv. Oštrovica - south | 2962    | 6838  | ACP          | D3            | Ž5059  | 7,4         |
| 501        | 2918       | Križišće              | 1354    | 2382  | ACC          | Ž5063         | L58107 | 3,7         |
| 502        | 4924       | Smilčić - east        | 1640    | 2329  | ACP          | Ž6023         | Ž6019  | 6,6         |
| 503        | 4917       | Kakma                 | 3584    | 6287  | ACP          | L63126        | L63119 | 1,5         |
| 507        | 1129       | Martinišće            | 5678    | 5535  | ACC          | Ž2189         | D205   | 2,0         |
| 510        | 2748       | Kaštel - north        | 6013    | 11104 | ACP          | D200          | Ž5209  | 0,6         |
| 512        | 6036       | Makarska - east       | 2039    | 2929  | ACP          | D8            | Ž6198  | 5,6         |
| 514        | 3622       | Slavonski Brod - east | 6091    | 6231  | ACP          | D53           | D423   | 1,9         |
| 515        | 3621       | Bračevci              | 1504    | 1614  | ACC          | L44100        | L44101 | 3,4         |
| 516        | 6701       | Pločice               | 937     | 1698  | ACP          | D8            | Ž6240  | 4,6         |
| 517        | 2504       | Majiške Međe          | 1290    | 1357  | ACP          | Ž4041         | L44030 | 1,2         |
| 517        | 2403       | Belišće - north       | 1194    | 1290  | ACC          | L44026        | Ž4050  | 4,5         |
| 518        | 2509       | Brijest               | 4792    | 4649  | ACC          | D2            | Ž4086  | 3,4         |
| 519        | 3704       | Borovo - north        | 1249    | 1444  | ACP          | L44116        | L46003 | 4,8         |
| 522        | 4918       | Lovinac               | 2329    | 5589  | ACC          | L59112        | Ž5165  | 7,8         |
| 525        | 3508       | Krajačići             | 1952    | 1978  | ACP          | Ž4162         | Ž4244  | 8,5         |
| 525        | 3525       | Gornji Andrijevići    | 5733    | 5712  | ACC          | Ž4244         | L42030 | 2,5         |
| 528        | 1265       | Kneginec Donji        | 7367    | 8308  | ACC          | D2            | Ž2070  | 1,4         |
| 540        | 2037       | Komin                 | 1919    | 1892  | ACC          | L31003        | D3     | 0,3         |

... No data

ADT

Estimate

**Table 3.2. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC  
WITH GENERAL COUNT SITES DATA**

**MW 2018**

| Road Label | COUNT SITE |                         | TRAFFIC |       | Count Method | COUNT SECTION                        |             |
|------------|------------|-------------------------|---------|-------|--------------|--------------------------------------|-------------|
|            | Label      | Name                    | AADT    | ASDT  |              | Description                          | Length (km) |
| A1         | 1916       | Lučko - south           | 37603   | 62918 | TCTS         | čv. Lučko - čv. Zdenčina             | 15,4        |
| A1         | 1931       | Zdenčina - south        | 36994   | 63458 | TCTS         | čv. Zdenčina - čv. Jastrebarsko      | 6,7         |
| A1         | 1920       | Jastrebarsko - south    | 34548   | 61847 | TCTS         | čv. Jastrebarsko - čv. Karlovac      | 18,2        |
| A1         | 1804       | Karlovac - south        | 27841   | 54207 | TCTS         | čv. Karlovac - čv. Novigrad          | 11,5        |
| A1         | 3027       | Novigrad - west         | 27390   | 55122 | TCTS         | čv. Novigrad - čv. Bosiljevo 1       | 13,6        |
| A1         | 3021       | Bosiljevo 1 - west      | 28090   | 57262 | TCTS         | čv. Bosiljevo 1 - čv. Bosiljevo 2    | 3,9         |
| A1         | 3009       | čv. Bosiljevo 2 - south | 17947   | 43355 | TCTS         | čv. Bosiljevo 2 - čv. Ogulin         | 21,1        |
| A1         | 3025       | Ogulin - south          | 16912   | 41795 | TCTS         | čv. Ogulin - čv. Brinje              | 28,3        |
| A1         | 4214       | Brinje - south          | 16774   | 41678 | TCTS         | čv. Brinje - čv. Žuta Lokva          | 11,1        |
| A1         | 4215       | Žuta Lokva - south      | 16406   | 40091 | TCTS         | čv. Žuta Lokva - čv. Otočac          | 11,5        |
| A1         | 4216       | Otočac - south          | 16070   | 39544 | TCTS         | čv. Otočac - čv. Perušić             | 32,1        |
| A1         | 4217       | Perušić - south         | 15892   | 39330 | TCTS         | čv. Perušić - čv. Gospić             | 11,2        |
| A1         | 4919       | Gospić - south          | 15704   | 39049 | TCTS         | čv. Gospić - čv. Gornja Ploča        | 23,0        |
| A1         | 4903       | Gornja Ploča - south    | 17661   | 44112 | TCTS         | čv. Gornja Ploča - čv. Sveti Rok     | 5,6         |
| A1         | 4909       | Sveti Rok - south       | 17396   | 44115 | TCTS         | čv. Sveti Rok - čv. Maslenica        | 32,7        |
| A1         | 4805       | Maslenica - south       | 17531   | 44222 | TCTS         | čv. Maslenica - čv. Posedarje        | 7,2         |
| A1         | 4806       | Posedarje - south       | 16703   | 41704 | TCTS         | čv. Posedarje - čv. Zadar 1          | 3,6         |
| A1         | 4809       | Zadar 1 - south         | 13470   | 34070 | TCTS         | čv. Zadar 1 - čv. Zadar 2            | 9,0         |
| A1         | 4921       | Zadar 2 - south         | 14104   | 33908 | TCTS         | čv. Zadar 2 - čv. Benkovac           | 16,4        |
| A1         | 5313       | Benkovac - south        | 13100   | 31323 | TCTS         | čv. Benkovac - čv. Pirovac           | 21,5        |
| A1         | 5314       | Pirovac - south         | 12208   | 28378 | TCTS         | čv. Pirovac - čv. Skradin            | 9,8         |
| A1         | 5315       | Skradin - south         | 12631   | 28662 | TCTS         | čv. Skradin - čv. Šibenik            | 9,2         |
| A1         | 5316       | Šibenik - south         | 11551   | 26154 | TCTS         | čv. Šibenik - čv. Vrpolje            | 14,6        |
| A1         | 5410       | Vrpolje - south         | 11662   | 26224 | TCTS         | čv. Vrpolje - čv. Prgomet            | 17,5        |
| A1         | 5411       | Prgomet - south         | 10283   | 22535 | TCTS         | čv. Prgomet - čv. Vučevica           | 14,2        |
| A1         | 5417       | Vučevica - south        | 10333   | 22554 | TCTS         | čv. Vučevica - čv. Dugopolje         | 14,1        |
| A1         | 5517       | Dugopolje - south       | 10958   | 21549 | TCTS         | čv. Dugopolje - čv. Bisko            | 10,2        |
| A1         | 5911       | Bisko - south           | 9009    | 19024 | TCTS         | čv. Bisko - čv. Blato na Cetini      | 18,1        |
| A1         | 5912       | Blato na Cetini - south | 9208    | 19078 | TCTS         | čv. Blato na Cetini - čv. Šestanovac | 6,9         |
| A1         | 6015       | Šestanovac - south      | 8751    | 17865 | TCTS         | čv. Šestanovac - čv. Zagvozd         | 11,5        |
| A1         | 6017       | Zagvozd - south         | 5603    | 11350 | TCTS         | čv. Zagvozd - čv. Ravča              | 29,7        |
| A1         | 6021       | Ravča - south           | 5410    | 11076 | TCTS         | čv. Ravča - čv. Vrgorac              | 9,7         |
| A1         | 6028       | Vrgorac - south         | 5097    | 10513 | TCTS         | čv. Vrgorac - čv. Ploče              | 10,3        |
| A1         | 6030       | čv. Ploče - south       | 3854    | 8175  | TCTS         | čv. Ploče - Karamatići               | 5,4         |
| A2         | 1114       | Đurmanec - north        | 9066    | 18134 | TCTS         | čv. Trakošćan - čv. Đurmanec         | 7,5         |
| A2         | 1113       | Krapina - north         | 9931    | 20194 | TCTS         | čv. Đurmanec - čv. Krapina           | 10,3        |
| A2         | 1116       | Začretje - north        | 13206   | 23528 | TCTS         | čv. Krapina - čv. Začretje           | 4,8         |
| A2         | 1115       | Mokrice - north         | 14074   | 24434 | TCTS         | čv. Začretje - čv. Mokrice           | 12,8        |
| A2         | 1904       | Zaprešić - north        | 17098   | 27301 | TCTS         | čv. Mokrice - čv. Zaprešić           | 16,5        |
| A3         | 1910       | Bobovica - west         | 12471   | 17275 | TCTS         | gr. Slovenije - čv. Bobovica         | 2,5         |
| A3         | 2027       | Zagreb (east) - east    | 28164   | 36154 | TCTS         | čv. Rugvica - čv. Ivanić Grad        | 16,5        |
| A3         | 2114       | Ivanić Grad - east      | 25110   | 33318 | TCTS         | čv. Ivanić Grad - čv. Križ           | 9,5         |
| A3         | 2121       | Križ - east             | 24314   | 32569 | TCTS         | čv. Križ - čv. Popovača              | 13,4        |
| A3         | 2118       | Popovača - east         | 23917   | 32508 | TCTS         | čv. Popovača - čv. Kutina            | 17,7        |
| A3         | 3302       | Kutina - east           | 21305   | 29776 | TCTS         | čv. Kutina - čv. Lipovljani          | 14,3        |

**Table 3.2. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC  
WITH GENERAL COUNT SITES DATA /cont./**

**MW 2018**

| Road Label | COUNT SITE |                              | TRAFFIC |       | Count Method | COUNT SECTION   |             |
|------------|------------|------------------------------|---------|-------|--------------|---|-------------|
|            | Label      | Name                         | AADT    | ASDT  |              | Description   | Length (km) |
| A3         | 3323       | Lipovljani - east            | 21228   | 29627 | TCTS         | čv. Lipovljani - čv. Novska                           | 6,8         |
| A3         | 3405       | Novska - east                | 19571   | 27483 | TCTS         | čv. Novska - čv. Okučani                              | 24,8        |
| A3         | 3407       | Okučani - east               | 17806   | 25247 | TCTS         | čv. Okučani - čv. Nova Gradiška                       | 15,4        |
| A3         | 3510       | Nova Gradiška - east         | 16707   | 23910 | TCTS         | čv. Nova Gradiška - čv. Lužani                        | 22,5        |
| A3         | 3514       | Lužani - east                | 16565   | 23658 | TCTS         | čv. Lužani - čv. Slavonski Brod (west)                | 20,3        |
| A3         | 3511       | Slavonski Brod (west) - east | 13239   | 19554 | TCTS         | čv. Slavonski Brod (zap.) - čv. Slavonski Brod (ist.) | 11,5        |
| A3         | 3609       | Slavonski Brod (east) - east | 14589   | 20882 | TCTS         | čv. Slavonski Brod (east) - čv. Sredanci              | 20,1        |
| A3         | 3617       | čv. Sredanci - east          | 12010   | 18166 | TCTS         | čv. Sredanci - čv. Velika Kapanica                    | 7,5         |
| A3         | 3613       | Velika Kapanica - east       | 11097   | 16960 | TCTS         | čv. Velika Kapanica - čv. Babina Greda                | 12,6        |
| A3         | 3714       | Babina Greda - east          | 10949   | 16603 | TCTS         | čv. Babina Greda - čv. Županja                        | 12,2        |
| A3         | 3716       | Županja - east               | 7316    | 11629 | TCTS         | čv. Županja - čv. Spačva                              | 17,2        |
| A3         | 3807       | Spačva - east                | 7206    | 11439 | TCTS         | čv. Spačva - čv. Lipovac                              | 12,8        |
| A4         | 1303       | Čakovec - north              | 3631    | 11318 | TCTS         | čv. Goričan - čv. Čakovec                             | 14,0        |
| A4         | 1306       | Ludbreg - north              | 5978    | 14132 | TCTS         | čv. Čakovec - čv. Ludbreg                             | 8,2         |
| A4         | 1212       | Varaždin - north             | 7290    | 15427 | TCTS         | čv. Ludbreg - čv. Varaždin                            | 7,2         |
| A4         | 1215       | Varaždinske Toplice - north  | 12145   | 21185 | TCTS         | čv. Varaždin - čv. Varaždinske Toplice                | 6,3         |
| A4         | 1220       | Novi Marof - north           | 11202   | 20290 | TCTS         | čv. Varaždinske Toplice - čv. Novi Marof              | 8,3         |
| A4         | 1225       | Breznički Hum - north        | 11280   | 20353 | TCTS         | čv. Novi Marof - čv. Breznički Hum                    | 9,7         |
| A4         | 1229       | Komin - north                | 11792   | 20862 | TCTS         | čv. Breznički Hum - čv. Komin                         | 12,3        |
| A4         | 2002       | Sveta Helena - north         | 12249   | 21310 | TCTS         | čv. Komin - čv. Sveta Helena                          | 10,6        |
| A5         | 2515       | Osijek - south               | 2538    | 3061  | TCTS         | čv. Osijek - čv. Čepin                                | 8,8         |
| A5         | 3620       | Čepin - south                | 3222    | 3852  | TCTS         | čv. Čepin - čv. Đakovo                                | 23,8        |
| A5         | 3616       | Đakovo - south               | 3777    | 4486  | TCTS         | čv. Đakovo - čv. Sredanci                             | 21,0        |
| A5         | 3629       | čv. Sredanci - south         | 257     | 288   | TCTS         | čv. Sredanci - čv. Svilaj                             | 2,6         |
| A6         | 3022       | čv. Bosiljevo 2 - west       | 13980   | 23662 | TCTS         | čv. Bosiljevo 2 - čv. Vrbovsko                        | 13,8        |
| A6         | 3006       | Vrbovsko - west              | 14459   | 24283 | TCTS         | čv. Vrbovsko - čv. Ravna Gora                         | 15,3        |
| A6         | 2906       | Ravna Gora - west            | 14387   | 24212 | TCTS         | čv. Ravna Gora - čv. Delnice                          | 11,0        |
| A6         | 2910       | Delnice - west               | 15245   | 25774 | TCTS         | čv. Delnice - čv. Vrata                               | 8,9         |
| A6         | 2915       | Vrata - west                 | 15088   | 25556 | TCTS         | čv. Vrata - čv. Oštrovica                             | 12,4        |
| A6         | 2933       | Oštrovica - west             | 11827   | 18096 | TCTS         | čv. Oštrovica - čv. Kikovica (Rijeka)                 | 9,0         |
| A7         | 2818       | TS Rupa                      | 8215    | 17104 | TCTS         | čv. Rupa - čv. Jurdani                                | 9,5         |
| A7         | 2823       | Rujevica - west              | 35555   | 47526 | ACC          | A8 - D427   | 6,0         |
| A8         | 2741       | Kanfanar - east              | 6101    | 10215 | TCTS         | čv. Kanfanar - čv. Žminj                              | 7,3         |
| A8         | 2743       | Žminj - east                 | 5809    | 9620  | TCTS         | čv. Žminj - čv. Rogovići                              | 10,9        |
| A8         | 2745       | Rogovići - east              | 7263    | 11352 | TCTS         | čv. Rogovići - čv. Ivoli                              | 5,8         |
| A8         | 2824       | Ivoli - east                 | 8169    | 12216 | TCTS         | čv. Ivoli - čv. Cerovlje                              | 4,9         |
| A8         | 2826       | Cerovlje - east              | 7892    | 11843 | TCTS         | čv. Cerovlje - čv. Lupoglav                           | 12,8        |
| A8         | 2828       | Lupoglav - east              | 8786    | 12451 | TCTS         | čv. Lupoglav - čv. Vranja                             | 5,9         |
| A8         | 2830       | Vranja - east                | 9687    | 13680 | TCTS         | čv. Vranja - čv. Veprinac                             | 9,7         |
| A9         | 2729       | Umag - south                 | 8156    | 17135 | TCTS         | čv. Umag - čv. Buje                                   | 6,0         |
| A9         | 2731       | Buje - south                 | 9455    | 19183 | TCTS         | čv. Buje - čv. Nova Vas                               | 6,2         |
| A9         | 2733       | Nova Vas - south             | 8085    | 17121 | TCTS         | čv. Nova Vas - čv. Višnjan                            | 14,3        |
| A9         | 2735       | Višnjan - south              | 7668    | 16100 | TCTS         | čv. Višnjan - čv. Baderna                             | 7,6         |
| A9         | 2737       | Baderna - south              | 7785    | 16357 | TCTS         | čv. Baderna - čv. Medaki                              | 7,7         |
| A9         | 2739       | Medaki - south               | 8248    | 16725 | TCTS         | čv. Medaki - čv. Kanfanar                             | 7,4         |

**Table 3.2. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC  
WITH GENERAL COUNT SITES DATA /cont./**

**MW 2018**

| Road Label | COUNT SITE |                         | TRAFFIC     |              | Count Method | COUNT SECTION                             |             |
|------------|------------|-------------------------|-------------|--------------|--------------|---|-------------|
|            | Label      | Name                    | AADT        | ASDT         |              | Description                               | Length (km) |
| <b>A9</b>  | 2727       | Kanfanar - south        | <b>8519</b> | <b>16473</b> | TCTS         | čv. Kanfanar - čv. Vodnjan (north)        | 14,5        |
| <b>A9</b>  | 3907       | Vodnjan (north) - south | <b>7037</b> | <b>13933</b> | TCTS         | čv. Vodnjan (north) - čv. Vodnjan (south) | 6,2         |
| <b>A9</b>  | 3909       | Vodnjan (south) - south | <b>7449</b> | <b>13903</b> | TCTS         | čv. Vodnjan (south) - čv. Pula            | 6,9         |
| <b>A10</b> | 6105       | čv. Ploče - east        | <b>2113</b> | <b>4046</b>  | TCTS         | čv. Kula Norinska - čv. Ploče             | 6,7         |
| <b>A11</b> | 2031       | Mraclin - south         | <b>4644</b> | <b>4665</b>  | TCTS         | Mraclin - Buševac                         | 9,0         |
| <b>A11</b> | 2047       | Buševac - south         | <b>4162</b> | <b>4197</b>  | TCTS         | Buševac - Lekenik                         | 11,2        |

**Table 3.3. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA**

**CR 2018**

| Road Label | COUNT SITE |                             | TRAFFIC |      | Count Method | COUNT SECTION |        |             |
|------------|------------|-----------------------------|---------|------|--------------|---------------|--------|-------------|
|            | Label      | Name                        | AADT    | ASDT |              | Beginning     | End    | Length (km) |
| 1036       | 2049       | Otok Svibovski              | 2042    | 2035 | ACC          | G.A.P.        | L10161 | 4,7         |
| 1037       | 1939       | Bregana Pisarovinska        | 1758    | 2060 | ACC          | L31186        | Ž3106  | 3,1         |
| 2002       | 1249       | Jalšovec                    | 744     | 753  | ACC          | L20084        | D227   | 1,2         |
| 2003       | 1322       | Turčišće                    | 2029    | 2091 | ACC          | L20030        | Ž2023  | 2,8         |
| 2005       | 1242       | Selnica                     | 3096    | 3184 | ACC          | Ž2006         | Ž2253  | 2,0         |
| 2009       | 1241       | Macinec                     | 2256    | 2295 | ACC          | L20005        | D208   | 1,5         |
| 2015       | 1240       | Nedelišće                   | 4143    | 4034 | ACC          | L20052        | D3     | 1,4         |
| 2022       | 1333       | Mala Subotica               | 987     | 1012 | ACC          | L20035        | D20    | 2,3         |
| 2026       | 1334       | Prelog - north              | 2926    | 2885 | ACC          | Ž2255         | D20    | 3,6         |
| 2033       | 1335       | Čehovec                     | 1901    | 1867 | ACC          | L20058        | D20    | 3,1         |
| 2040       | 1321       | Kotoriba                    | 2460    | 2474 | ACC          | L20045        | Ž2041  | 2,2         |
| 2042       | 1131       | Cvetlin                     | 858     | 1709 | ACC          | border        | Ž2056  | 1,8         |
| 2043       | 1261       | Zlogonje                    | 120     | 142  | ACP          | border        | L25204 | 0,4         |
| 2050       | 1253       | Remetinec                   | 1305    | 1260 | ACC          | L25128        | L25130 | 1,3         |
| 2063       | 1250       | Črešnjevo                   | 2849    | 2867 | ACC          | Ž2066         | L25074 | 2,2         |
| 2072       | 1336       | Struga                      | 573     | 590  | ACC          | L25099        | L25100 | 5,1         |
| 2076       | 1328       | Veliki Otok                 | 535     | 528  | ACC          | L26126        | D20    | 3,9         |
| 2081       | 1330       | Rasinja - north             | 667     | 664  | ACC          | Ž2112         | D2     | 3,2         |
| 2081       | 1326       | Rasinja                     | 1707    | 1673 | ACC          | D2            | L26004 | 2,1         |
| 2083       | 1142       | Vrbno                       | 556     | 635  | ACP          | L25176        | D74    | 3,6         |
| 2089       | 1331       | Križevci, Lepušićeva street | 1884    | 1906 | ACC          | Ž2180         | D22    | 5,8         |
| 2096       | 1134       | Prigorje                    | 1492    | 1573 | ACP          | D207          | L22091 | 8,9         |
| 2101       | 1254       | Vulišinec                   | 1720    | 1754 | ACC          | L25108        | Ž2058  | 2,5         |
| 2101       | 1262       | Nova Ves Petrijanečka       | 1783    | 1832 | ACP          | L25070        | D2     | 1,3         |
| 2114       | 1318       | Sigetec                     | 1896    | 1984 | ACC          | Ž2113         | L26032 | 2,0         |
| 2114       | 1404       | Molve                       | 388     | 490  | ACC          | L26037        | D210   | 3,3         |
| 2125       | 1130       | Mihovljan - west            | 1356    | 1306 | ACC          | L22015        | Ž2126  | 1,5         |
| 2143       | 1316       | Hudovljani                  | 733     | 741  | ACC          | L26094        | L26094 | 3,8         |
| 2150       | 1325       | Delovi                      | 509     | 558  | ACC          | Ž2147         | D2     | 6,3         |
| 2151       | 1135       | Gaber                       | 860     | 894  | ACP          | L22006        | L22007 | 2,2         |
| 2155       | 1136       | Klokovec                    | 1570    | 1634 | ACP          | L22041        | D507   | 2,3         |
| 2160       | 1137       | Štrucljevo                  | 1346    | 1394 | ACP          | Ž2161         | Ž2195  | 5,0         |
| 2168       | 1258       | Mali Bukovec                | 1911    | 1953 | ACP          | D29           | D24    | 5,2         |
| 2169       | 1259       | Borkovec                    | 1569    | 1656 | ACP          | Ž2129         | Ž2170  | 0,9         |
| 2175       | 1251       | Kračevac                    | 820     | 808  | ACC          | L25158        | L25163 | 3,9         |
| 2183       | 1329       | Virje                       | 1121    | 1240 | ACC          | D2            | D43    | 4,6         |
| 2186       | 1932       | Zaprešić - north            | 7899    | 7622 | ACC          | Ž2195         | L31079 | 2,8         |
| 2195       | 1138       | Jezero Klanječko            | 2041    | 2083 | ACP          | D205          | Ž2191  | 2,3         |
| 2195       | 1940       | Pojatno - south             | 3632    | 3422 | ACC          | L31022        | Ž2186  | 1,6         |
| 2209       | 1327       | Križevci, Teslina street    | 7989    | 7575 | ACC          | D22           | L26138 | 1,1         |
| 2212       | 1332       | Križevački Lemeš            | 870     | 878  | ACC          | D41           | Ž2228  | 4,6         |
| 2217       | 1938       | Stubička Slatina            | 3342    | 3346 | ACC          | Ž2218         | L22100 | 1,7         |
| 2220       | 1941       | Ivanec Bistranski           | 3703    | 3382 | ACC          | Ž3007         | G.A.P. | 5,0         |
| 2224       | 2054       | Karivaroš                   | 1396    | 1433 | ACP          | L22098        | D29    | 3,5         |
| 2231       | 2130       | Siščani                     | 533     | 531  | ACP          | D43           | Ž3283  | 3,1         |

**Table 3.3. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**CR 2018**

| Road Label | COUNT SITE |                       | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|-----------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name                  | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 2248       | 1139       | Jelenjak              | 1086    | 1162  | ACP          | Ž2151         | Ž2241  | 5,8         |
| 2258       | 1102       | Pleš (Bednja)         | 1354    | 1507  | ACC          | L25012        | L25105 | 2,4         |
| 2264       | 1144       | Bračak                | 6347    | 6450  | ACP          | Ž2197         | D24    | 5,9         |
| 3002       | 1317       | Križevci              | 2729    | 2747  | ACC          | L26064        | Ž3034  | 1,8         |
| 3003       | 2133       | Kraljevac             | 539     | 535   | ACP          | Ž2143         | L26121 | 5,0         |
| 3016       | 2052       | Brezovec Zelinski     | 2315    | 2254  | ACC          | L31037        | Ž3017  | 2,4         |
| 3027       | 2225       | Šandrovac             | 650     | 751   | ACC          | Ž3029         | Ž2232  | 2,5         |
| 3034       | 2050       | Dugo Selo - west      | 11821   | 11410 | ACC          | G.A.P.        | L31108 | 2,1         |
| 3034       | 2051       | Lonjica               | 3655    | 3592  | ACC          | Ž3075         | L31051 | 1,6         |
| 3034       | 2006       | Vrbovečki Pavlovec    | 3902    | 3949  | ACP          | L31054        | Ž3052  | 2,4         |
| 3035       | 1948       | Javorje               | 2154    | 2198  | ACP          | L31215        | D225   | 1,7         |
| 3041       | 2055       | Kloštar Ivanić        | 3946    | 4068  | ACP          | Ž3122         | Ž3074  | 4,4         |
| 3055       | 1949       | Donja Reka            | 3055    | 3339  | ACP          | Ž3104         | D1     | 2,9         |
| 3061       | 1950       | Žitarka               | 7595    | 7591  | ACP          | Ž3066         | D1     | 1,9         |
| 3063       | 1947       | Bestovje              | 8439    | 6373  | ACC          | D231          | Ž3060  | 2,6         |
| 3064       | 1946       | Rakitje               | 2755    | 2897  | ACC          | Ž3063         | L31101 | 1,7         |
| 3067       | 1951       | Donji Stupnik         | ...     | ...   | ACP          | L10166        | D1     | 3,2         |
| 3070       | 2053       | Rugvica               | 7329    | 7227  | ACC          | Ž3034         | Ž3073  | 4,8         |
| 3074       | 2056       | Gornja Greda          | 3862    | 4036  | ACP          | Ž3034         | L31171 | 11,0        |
| 3082       | 2132       | Donja Šušnjara        | 185     | 189   | ACP          | L37067        | L37098 | 13,0        |
| 3090       | 2134       | Tociljevac            | 433     | 444   | ACP          | L37074        | Ž3092  | 9,0         |
| 3101       | 1942       | Brlenić               | 2439    | 2480  | ACC          | Ž3297         | L31136 | 3,7         |
| 3102       | 1945       | Volavje               | 1708    | 1887  | ACC          | D1            | L31135 | 4,6         |
| 3106       | 1943       | Donja Zdenčina        | 3345    | 3962  | ACC          | D1            | L31148 | 3,6         |
| 3106       | 1944       | Kupinec               | 1343    | 1476  | ACC          | L31148        | L10165 | 3,2         |
| 3121       | 2044       | Lijeva Luka           | 548     | 555   | ACC          | Ž3041         | L33012 | 6,8         |
| 3124       | 2124       | Graberje Ivaničko     | 3524    | 3502  | ACC          | D43           | Ž3126  | 5,9         |
| 3124       | 2126       | Popovača              | 7934    | 7875  | ACC          | L33018        | Ž3131  | 0,4         |
| 3124       | 3313       | Kutina                | 5414    | 5475  | ACC          | Ž3212         | Ž3213  | 3,4         |
| 3124       | 3314       | Brestača              | 4552    | 4652  | ACC          | Ž3429         | D47    | 4,1         |
| 3128       | 2129       | Suhaja                | 1029    | 1040  | ACC          | D43           | L37096 | 8,5         |
| 3133       | 2223       | Ladislav              | 717     | 729   | ACC          | Ž3282         | D45    | 7,8         |
| 3141       | 3029       | Kučevice              | 366     | 517   | ACC          | L34059        | L34026 | 0,9         |
| 3144       | 1808       | Tomašnica             | 335     | 414   | ACP          | D6            | L34034 | 2,0         |
| 3152       | 3121       | Dugo Selo Lasinjsko   | 251     | 303   | ACC          | L33198        | Ž3194  | 9,4         |
| 3167       | 2136       | Ciglenica             | 1524    | 1581  | ACP          | D45           | L37140 | 5,5         |
| 3168       | 3312       | Poljana               | 1721    | 1808  | ACC          | Ž4236         | Ž3167  | 5,6         |
| 3169       | 2226       | Trojeglava            | 434     | 467   | ACP          | L37149        | L37150 | 3,1         |
| 3175       | 3033       | Ogulin - northeast    | 351     | 426   | ACC          | L34104        | D42    | 12,1        |
| 3176       | 3034       | Erdelj                | 593     | 725   | ACC          | L34102        | L34103 | 3,7         |
| 3179       | 3036       | Novigrad na Dobri     | 712     | 838   | ACP          | L34066        | G.A.P. | 0,9         |
| 3182       | 3030       | Sveti Petar Mrežnički | 2510    | 2824  | ACC          | Ž3184         | Ž3183  | 3,4         |
| 3185       | 3120       | Belaj                 | 1818    | 2018  | ACC          | L34080        | L34082 | 2,9         |
| 3186       | 3122       | Podgorje              | 142     | 153   | ACC          | D6            | L33077 | 6,3         |
| 3189       | 3118       | Krnjak                | 486     | 515   | ACC          | L34116        | D1     | 1,0         |

**Table 3.3. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**CR 2018**

| Road Label | COUNT SITE |                    | TRAFFIC |      | Count Method | COUNT SECTION |          |             |
|------------|------------|--------------------|---------|------|--------------|---------------|----------|-------------|
|            | Label      | Name               | AADT    | ASDT |              | Beginning     | End      | Length (km) |
| 3201       | 3212       | Hrastovica         | 1422    | 1506 | ACC          | D30           | Ž3235    | 6,9         |
| 3229       | 3123       | Staro Selo Topusko | 478     | 703  | ACC          | L33080        | Ž3228    | 12,2        |
| 3231       | 3211       | Gornje Selište     | 629     | 674  | ACC          | D6            | L33086   | 1,9         |
| 3234       | 3213       | Ravno Rašće        | 263     | 298  | ACC          | D6            | L33196   | 2,2         |
| 3252       | 3416       | Stari Grabovac     | 2321    | 2437 | ACC          | Ž3250         | L33145   | 11,2        |
| 3254       | 3031       | Puškarici          | 1700    | 1903 | ACC          | L34098        | D42      | 0,8         |
| 3256       | 3116       | Slunj centre       | 1185    | 1860 | ACC          | L34151        | D1       | 0,7         |
| 3258       | 3115       | Gornje Taborište   | 2662    | 3119 | ACC          | D1            | L34140   | 0,3         |
| 3266       | 3117       | Gornji Popovac     | 827     | 1100 | ACC          | L34153        | L34154   | 6,8         |
| 3272       | 2216       | Badljevin - east   | 589     | 611  | ACC          | Ž3172         | D5       | 4,4         |
| 3284       | 2131       | Marčani            | 297     | 302  | ACP          | D43           | L31126   | 6,7         |
| 3290       | 3119       | Kolarić            | 2306    | 3155 | ACC          | D1            | L34125   | 1,2         |
| 3294       | 3320       | Staza              | 858     | 957  | ACC          | D224          | L33120   | 2,9         |
| 3294       | 3315       | Donji Cerovljani   | 513     | 591  | ACC          | L33177        | L33178   | 3,7         |
| 3297       | 1807       | Podbrežje          | 1346    | 1361 | ACC          | L31185        | Ž3099    | 3,2         |
| 3300       | 2123       | Klokočevac         | 5917    | 6336 | ACC          | D28           | Bjelovar | 0,8         |
| 3301       | 2224       | Koreničani         | 860     | 898  | ACC          | L37128        | L37130   | 1,9         |
| 3301       | 2219       | Pepelana           | 829     | 903  | ACC          | L40044        | Ž4022    | 4,9         |
| 4002       | 2220       | Otrovanec          | 1999    | 2036 | ACC          | D2            | L40002   | 3,2         |
| 4002       | 2227       | Velika Pisanica    | 687     | 704  | ACP          | L37081        | D28      | 2,1         |
| 4007       | 2221       | Rogovac            | 876     | 985  | ACC          | D2            | Ž4008    | 4,5         |
| 4022       | 2222       | Borova             | 867     | 924  | ACC          | G.A.P.        | L40024   | 2,3         |
| 4024       | 2310       | Suhopolje          | 1067    | 1095 | ACC          | D538          | L40027   | 1,8         |
| 4024       | 2309       | Čađavica           | 362     | 350  | ACC          | L40041        | D34      | 5,3         |
| 4030       | 2308       | Krčenik            | 767     | 1345 | ACC          | D34           | Ž4045    | 10,2        |
| 4030       | 2311       | Crnac              | 546     | 638  | ACC          | Ž4045         | L40065   | 2,8         |
| 4030       | 2312       | Orahovica          | 1362    | 1454 | ACC          | Ž4070         | L40080   | 1,3         |
| 4030       | 3519       | Ferovac            | 1153    | 1199 | ACC          | Ž4101         | L41043   | 3,7         |
| 4030       | 3518       | Gradac             | 2648    | 2683 | ACC          | L41056        | D38      | 3,0         |
| 4031       | 2413       | Šljivoševci        | 912     | 951  | ACC          | D53           | Ž4049    | 2,6         |
| 4041       | 2518       | Jagodnjak          | 1382    | 1477 | ACC          | D517          | Ž4054    | 13,9        |
| 4042       | 2519       | Lug                | 1656    | 1775 | ACC          | L44139        | Ž4056    | 6,2         |
| 4050       | 2414       | Belišće - east     | 6359    | 6125 | ACC          | D517          | Ž4051    | 3,3         |
| 4052       | 2415       | Harkanovci         | 892     | 950  | ACC          | L44050        | L44020   | 2,8         |
| 4067       | 2416       | Brođanci           | 1185    | 1327 | ACC          | D2            | Ž4081    | 5,3         |
| 4075       | 2412       | Pribiševci         | 2768    | 2786 | ACC          | Ž4076         | D53      | 2,8         |
| 4085       | 2520       | Livana             | 8609    | 8407 | ACC          | Ž4247         | G.A.P.   | 1,9         |
| 4105       | 3627       | Budimci            | 1530    | 1595 | ACC          | L44048        | Ž4080    | 5,2         |
| 4106       | 3628       | Krndija            | 541     | 625  | ACC          | Ž4105         | L44105   | 3,4         |
| 4111       | 3727       | Bobota             | 1917    | 1932 | ACC          | D2            | L46002   | 3,1         |
| 4113       | 3522       | Pasikovci - north  | 241     | 275  | ACC          | D38           | L41022   | 5,5         |
| 4115       | 3521       | Alilovci           | 1547    | 1532 | ACC          | Ž4101         | G.A.P.   | 6,2         |
| 4116       | 3523       | Vetovo             | 1803    | 1850 | ACC          | Ž4101         | D51      | 7,0         |
| 4121       | 3728       | Korog              | 526     | 523  | ACC          | Ž4122         | Ž4148    | 6,3         |
| 4132       | 3724       | Semeljci           | 2420    | 2366 | ACC          | Ž4130         | Ž4133    | 1,5         |

**Table 3.3. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**CR 2018**

| Road Label | COUNT SITE |                       | TRAFFIC |       | Count Method | COUNT SECTION |             |             |
|------------|------------|-----------------------|---------|-------|--------------|---------------|-------------|-------------|
|            | Label      | Name                  | AADT    | ASDT  |              | Beginning     | End         | Length (km) |
| 4133       | 3725       | Vrbica                | 1644    | 1744  | ACC          | Ž4148         | D46         | 2,7         |
| 4137       | 3729       | Bogdanovci            | 1484    | 1615  | ACC          | D55           | G.A.P.      | 9,3         |
| 4141       | 3414       | Cernik                | 3995    | 4050  | ACC          | Ž4139         | Ž4158       | 1,9         |
| 4150       | 3730       | Petrovci              | 958     | 1000  | ACC          | G.A.P.        | L46013      | 3,7         |
| 4158       | 3417       | Mašić                 | 3085    | 3257  | ACC          | L42005        | Ž4156       | 7,0         |
| 4158       | 3413       | Rešetari              | 5886    | 6125  | ACC          | Ž4142         | Ž4143       | 3,0         |
| 4170       | 3731       | Andrijaševci          | 2688    | 2837  | ACC          | Ž4166         | Ž4167       | 5,8         |
| 4173       | 3811       | Lovas                 | 1578    | 1739  | ACC          | Ž4174         | D46         | 5,9         |
| 4202       | 3517       | Gromačnik             | 5156    | 5214  | ACC          | D525          | D53         | 8,9         |
| 4202       | 3624       | Bukovlje              | 6570    | 6550  | ACC          | L42040        | Ž4187       | 3,9         |
| 4202       | 3631       | Čajkovci              | 2352    | 2412  | ACC          | Ž4190         | D7          | 4,8         |
| 4210       | 3623       | Gornja Vrba           | 4296    | 4160  | ACC          | G.A.P.        | Ž4215       | 2,3         |
| 4218       | 3735       | Babina Greda          | 1789    | 1882  | ACP          | Ž4220         | L46017      | 5,5         |
| 4224       | 3736       | Komletinci            | 2260    | 2457  | ACP          | D537          | Ž4225       | 11,0        |
| 4236       | 3415       | Dobrovac              | 2045    | 2094  | ACC          | L41005        | D47         | 4,0         |
| 4244       | 3526       | Malino                | 2839    | 2952  | ACC          | L41067        | Ž4204       | 3,7         |
| 4257       | 2521       | Mece                  | 4740    | 4689  | ACC          | L44033        | Ž4042       | 6,2         |
| 4257       | 2506       | Podravlje             | 7992    | 7828  | ACC          | Ž4042         | G.A.P.      | 5,0         |
| 4295       | 2417       | Donji Miholjac - east | 3246    | 3275  | ACC          | D53           | D34         | 2,4         |
| 4299       | 4502       | Vrbanja               | 1106    | 1169  | ACC          | Ž4229         | Ž4230       | 8,7         |
| 5007       | 2753       | Karojba               | 2061    | 2767  | ACC          | L50059        | Ž5042       | 1,9         |
| 5011       | 2756       | Buzet                 | 511     | 653   | ACC          | L50070        | D44         | 17,2        |
| 5012       | 2837       | Permani               | 2752    | 3190  | ACC          | Ž5015         | D8          | 1,2         |
| 5017       | 2838       | Škalnica              | 793     | 871   | ACC          | L58012        | L58013      | 0,8         |
| 5021       | 2833       | Kastav                | 9151    | 9032  | ACC          | Ž5206         | Ž5020       | 1,5         |
| 5025       | 2834       | Viškovo               | 6554    | 6441  | ACC          | Ž5017         | Ž5021       | 2,5         |
| 5033       | 2942       | Kuželj                | 151     | 171   | ACC          | border        | D203        | 12,0        |
| 5034       | 2939       | Ravna Gora            | 1585    | 1790  | ACC          | A6            | Ž5069       | 1,0         |
| 5042       | 2758       | Nova Vas              | 3388    | 4641  | ACP          | L50046        | A9          | 4,0         |
| 5046       | 2759       | Novaki Pazinski       | 1695    | 2365  | ACP          | L50079        | L50073      | 4,8         |
| 5047       | 2832       | Bregi                 | 1710    | 1785  | ACC          | Ž5048         | Ž5052       | 5,4         |
| 5047       | 2840       | Rubeši                | 8453    | 8878  | ACC          | D8            | D304        | 1,8         |
| 5055       | 2839       | Dražice               | 6652    | 6715  | ACC          | L58021        | Ž5028       | 1,7         |
| 5059       | 2945       | Krasica               | 2888    | 2860  | ACC          | Ž5205         | D501        | 5,8         |
| 5062       | 2940       | Fužine                | 635     | 913   | ACC          | D3            | Ž5068       | 6,9         |
| 5064       | 2938       | Drivenik              | 1164    | 1445  | ACC          | D501          | Ž5089       | 6,4         |
| 5074       | 2762       | Sveti Lovreč          | 1749    | 1796  | ACP          | Ž5209         | L50092      | 0,6         |
| 5077       | 2752       | Frkeči                | 1710    | 2354  | ACC          | L50140        | L50112      | 2,4         |
| 5079       | 2760       | Laginji               | 1118    | 1345  | ACP          | L50113        | L50111      | 4,4         |
| 5094       | 2943       | Donji Zagon           | 936     | 1354  | ACC          | D8            | L58083      | 3,9         |
| 5096       | 2754       | Kokuletovica          | 5027    | 8258  | ACC          | Ž5175         | Ž5186       | 7,7         |
| 5103       | 2835       | Salakovci             | 2182    | 2930  | ACC          | D66           | L50150      | 4,8         |
| 5115       | 3913       | Šurida                | 11221   | 17815 | ACC          | L50162        | D75         | 2,4         |
| 5122       | 4004       | Pavićini              | 874     | 2874  | ACC          | Ž5119         | D. Uvala    | 2,1         |
| 5125       | 2944       | Punat                 | 4712    | 9647  | ACC          | D102          | Stara Baška | 12,1        |

**Table 3.3. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**CR 2018**

| Road Label | COUNT SITE |                       | TRAFFIC |       | Count Method | COUNT SECTION |         |             |
|------------|------------|-----------------------|---------|-------|--------------|---------------|---------|-------------|
|            | Label      | Name                  | AADT    | ASDT  |              | Beginning     | End     | Length (km) |
| 5126       | 4112       | Oltari                | 218     | 367   | ACC          | D8            | L59010  | 14,4        |
| 5126       | 4223       | Krasno                | 212     | 295   | ACC          | Ž5140         | L59029  | 0,2         |
| 5128       | 4221       | Podum                 | 417     | 515   | ACC          | L59034        | D50     | 2,2         |
| 5139       | 4108       | Rab                   | 8162    | 13416 | ACC          | Kampor        | D105    | 11,1        |
| 5140       | 4222       | Krasno - east         | 412     | 478   | ACC          | Ž5126         | Ž5146   | 5,7         |
| 5155       | 4220       | Perušić zona          | 759     | 964   | ACC          | A1            | 59146   | 3,8         |
| 5165       | 4932       | Gornja Ploča          | 135     | 241   | ACP          | L59111        | L59113  | 2,3         |
| 5166       | 4927       | Obrovac               | 584     | 841   | ACC          | D54           | D27     | 3,0         |
| 5169       | 4310       | Frkašić               | 282     | 379   | ACC          | D1            | L59071  | 5,4         |
| 5191       | 2941       | Sunger                | 769     | 914   | ACC          | Ž5068         | L58060  | 5,2         |
| 5191       | 3035       | Jezerane - west       | 201     | 242   | ACC          | L34131        | D23     | 15,0        |
| 5200       | 3912       | Pomer                 | 2230    | 4638  | ACC          | Ž5133         | Ž5119   | 2,3         |
| 5203       | 5007       | Malovan               | 304     | 469   | ACC          | Ž6009         | D1      | 1,1         |
| 5205       | 2911       | Mavrinci              | 13161   | 13673 | ACC          | A6            | L58110  | 4,8         |
| 5209       | 2702       | Kaštel                | 2044    | 3052  | ACC          | D510          | L50012  | 3,2         |
| 5209       | 2707       | Sveti Ivan            | 1596    | 2107  | ACC          | L50015        | Ž5008   | 6,0         |
| 5209       | 2719       | Vižinada - north      | 1155    | 1690  | ACP          | D44           | Ž5041   | 6,1         |
| 5209       | 2721       | Baderna - north       | 2182    | 2998  | ACC          | L50095        | D48     | 2,7         |
| 5209       | 2761       | Medaki                | 3201    | 4535  | ACP          | A9            | D75     | 1,7         |
| 5210       | 4110       | Nova Novalja          | 6358    | 17778 | ACC          | Ž5151         | D106    | 1,6         |
| 6007       | 4823       | Mazija                | 5883    | 8813  | ACC          | Ž6011         | G.A.P.  | 1,7         |
| 6011       | 4824       | Ninski Stanovi        | 3223    | 7883  | ACC          | Ž6004         | L63049  | 5,7         |
| 6019       | 4830       | Posedarje             | 1963    | 3581  | ACC          | D8            | Ž6020   | 1,1         |
| 6025       | 4928       | Bilišane              | 430     | 863   | ACC          | Ž6026         | L63082  | 5,9         |
| 6026       | 4933       | Zelengrad             | 207     | 326   | ACP          | L63082        | Ž6025   | 8,8         |
| 6027       | 4926       | Buković               | 1756    | 2038  | ACC          | L63123        | L63130  | 1,1         |
| 6040       | 4812       | Zemunik Donji - north | 3598    | 4573  | ACC          | L63065        | Ž6011   | 0,9         |
| 6042       | 4826       | Galovac               | 2533    | 2925  | ACC          | Ž6040         | L63113  | 3,7         |
| 6055       | 5431       | Okljaj                | 880     | 1029  | ACC          | L65014        | D6056   | 2,0         |
| 6064       | 5323       | Vrana                 | 2297    | 4064  | ACC          | Ž6042         | L63180  | 5,0         |
| 6086       | 5332       | Tribunj               | 3778    | 6324  | ACC          | D8            | L65032  | 3,5         |
| 6087       | 5333       | Srima                 | 2081    | 4064  | ACC          | D8            | D8      | 5,0         |
| 6092       | 5432       | Radonić               | 1031    | 1201  | ACC          | G.A.P.        | L65049  | 1,9         |
| 6098       | 5433       | Radošić               | 280     | 286   | ACC          | L67057        | L67020  | 1,9         |
| 6115       | 5428       | Dugobabe              | 525     | 587   | ACC          | L67061        | D56     | 10,7        |
| 6126       | 5330       | Rogoznica             | 4097    | 7717  | ACC          | D8            | Rogozn. | 1,1         |
| 6130       | 5427       | Marina - north        | 1827    | 2341  | ACC          | L67054        | D8      | 2,6         |
| 6133       | 5425       | Pantana               | 14108   | 20403 | ACC          | D126          | D409    | 2,7         |
| 6142       | 5513       | Stožanac              | 10425   | 11807 | ACC          | D8            | L67116  | 10,4        |
| 6150       | 5532       | Ugljane               | 850     | 1076  | ACP          | L67092        | D60     | 1,2         |
| 6157       | 6033       | Glavina Donja         | 4895    | 5400  | ACC          | L67157        | D60     | 1,2         |
| 6161       | 5920       | Supetar               | 2690    | 4509  | ACC          | D113          | L67171  | 5,3         |
| 6166       | 5925       | Omiš                  | 1478    | 2552  | ACC          | D8            | L67123  | 4,6         |
| 6182       | 6024       | Kamenmost             | 3805    | 4400  | ACC          | D60           | L67162  | 2,0         |
| 6191       | 5921       | Bol                   | 362     | 916   | ACC          | Ž6190         | D115    | 19,6        |

**Table 3.3. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**CR 2018**

| Road Label | COUNT SITE |                   | TRAFFIC |       | Count Method | COUNT SECTION |        |             |
|------------|------------|-------------------|---------|-------|--------------|---------------|--------|-------------|
|            | Label      | Name              | AADT    | ASDT  |              | Beginning     | End    | Length (km) |
| 6199       | 6025       | Gornje Igrane     | 155     | 203   | ACC          | L67231        | D512   | 5,9         |
| 6208       | 6023       | Vrgorac           | 1742    | 1982  | ACC          | D62           | A1     | 2,2         |
| 6208       | 6035       | Staševica         | 1041    | 1279  | ACC          | L69085        | Ž6276  | 6,8         |
| 6209       | 6034       | Orah              | 1487    | 1966  | ACC          | L67207        | border | 0,7         |
| 6217       | 6107       | Banja             | 1699    | 2258  | ACC          | D8            | L69009 | 2,4         |
| 6227       | 6507       | Bistrina          | 247     | 372   | ACC          | L69088        | D8     | 1,4         |
| 6228       | 6508       | Trnova            | 651     | 966   | ACC          | L69083        | L69068 | 1,2         |
| 6238       | 6606       | Cavtat            | 5582    | 7638  | ACC          | Cavtat        | D8     | 2,6         |
| 6240       | 6607       | Čilipi            | 1473    | 1977  | ACC          | D8            | L69054 | 3,4         |
| 6246       | 5430       | Drniš - west      | 2042    | 2235  | ACC          | L65027        | Ž6055  | 3,1         |
| 6253       | 5508       | Klis              | 5824    | 6578  | ACC          | L67075        | L67074 | 3,9         |
| 6260       | 5525       | Dugopolje - north | 3881    | 4310  | ACC          | Ž6145         | Ž6146  | 4,8         |
| 6260       | 5529       | Bisko             | 3168    | 3576  | ACC          | Ž6147         | Ž6148  | 2,2         |
| 6260       | 5922       | Katuni            | 1559    | 1969  | ACC          | L67100        | D39    | 2,4         |
| 6263       | 5923       | Blato na Cetini   | 913     | 1125  | ACC          | Ž6260         | D70    | 2,8         |
| 6268       | 6302       | Čara              | 601     | 1119  | ACC          | L69021        | L69022 | 1,1         |
| 6276       | 6009       | Baćina            | 2069    | 3064  | ACC          | L69003        | D8     | 1,4         |
| 6277       | 5307       | Bilice            | 2731    | 3936  | ACC          | D33           | L65040 | 5,2         |
| 6286       | 5327       | Vodice            | 9224    | 14484 | ACC          | Ž6086         | Ž6087  | 1,0         |
| 6287       | 5528       | Bajagić           | 439     | 504   | ACC          | Ž6105         | D219   | 8,0         |
| 6289       | 5527       | Grab              | 1872    | 2050  | ACC          | L67047        | D220   | 1,5         |

... No data

Estimate

**Table 3.4. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA**

**LR 2018**

| Road Label | COUNT SITE |                    | TRAFFIC |      | Count Method | COUNT SECTION |        |             |
|------------|------------|--------------------|---------|------|--------------|---------------|--------|-------------|
|            | Label      | Name               | AADT    | ASDT |              | Beginning     | End    | Length (km) |
| 20033      | 1239       | Vularija           | 973     | 959  | ACC          | G.A.P.        | L20028 | 0,6         |
| 20039      | 1320       | Prelog             | 2452    | 2616 | ACC          | L20038        | L20067 | 4,3         |
| 22010      | 1140       | Ravninsko          | 620     | 673  | ACP          | D1            | D74    | 7,3         |
| 22030      | 1141       | Lučelnica          | 860     | 886  | ACP          | L22077        | Ž2215  | 3,4         |
| 25037      | 1263       | Peščenica Vinička  | 282     | 338  | ACP          | L25036        | Ž2056  | 3,7         |
| 25084      | 1264       | Novakovec          | 216     | 230  | ACP          | D530          | Ž2052  | 2,7         |
| 25100      | 1338       | Čukovec            | 446     | 460  | ACP          | Ž2079         | D2     | 3,0         |
| 25150      | 1252       | Ljubešćica - east  | 784     | 882  | ACC          | D24           | L25147 | 2,8         |
| 26003      | 1248       | Vukovec            | 459     | 486  | ACC          | D22           | L26047 | 2,8         |
| 26108      | 1406       | Đurđevac - east    | 888     | 976  | ACP          | L26107        | Ž2214  | 1,6         |
| 26154      | 1337       | Koprivnički Ivanec | 432     | 468  | ACP          | Ž2112         | D20    | 3,5         |
| 26157      | 1407       | Molve - south      | 516     | 613  | ACP          | D210          | Ž2184  | 7,3         |
| 31039      | 2057       | Paukovec           | 486     | 483  | ACP          | Ž3039         | L31105 | 3,5         |
| 31075      | 2139       | Žabnica            | 715     | 736  | ACP          | Ž3041         | L31074 | 2,9         |
| 31102      | 1952       | Stupnički Obrež    | 2574    | 2619 | ACP          | D1            | L31103 | 2,6         |
| 31108      | 2058       | Martin Breg        | 1338    | 1352 | ACP          | Ž3034         | L10162 | 2,0         |
| 31178      | 2059       | Deanovec           | 882     | 926  | ACP          | Ž3125         | Ž3127  | 5,7         |
| 31420      | 3124       | Veljun             | 104     | 143  | ACP          | L34122        | D1     | 1,7         |
| 33018      | 2137       | Moslavačka Slatina | 829     | 832  | ACP          | M. Slat.      | Ž3124  | 7,0         |
| 33023      | 2138       | Čaire              | 638     | 644  | ACP          | L33025        | Ž3164  | 4,6         |
| 33042      | 3214       | Cepeliš            | 269     | 299  | ACP          | Ž3233         | L33046 | 6,3         |
| 33071      | 3317       | Mišinka            | 339     | 350  | ACC          | L33070        | Ž3213  | 6,3         |
| 33141      | 3319       | Kozarice           | 582     | 588  | ACP          | Ž3124         | L33142 | 3,6         |
| 34101      | 3037       | Ogulin             | 5341    | 5742 | ACP          | D42           | D42    | 1,6         |
| 34104      | 3038       | Tounj              | 355     | 428  | ACP          | Ž3175         | Ž3220  | 11,1        |
| 34137      | 3039       | Cerovnik           | 580     | 784  | ACP          | D23           | D42    | 13,1        |
| 37008      | 2135       | Kovačevac          | 344     | 353  | ACP          | D28           | L26121 | 3,2         |
| 40003      | 2229       | Pitomača Dravska   | 1371    | 1414 | ACP          | D2            | L40004 | 6,5         |
| 40022      | 2228       | Donje Cjepidlake   | 202     | 218  | ACP          | L37131        | L37133 | 4,7         |
| 40029      | 2313       | Budanica           | 302     | 317  | ACP          | L40030        | L40031 | 0,9         |
| 40074      | 2314       | Bukvik             | 215     | 227  | ACP          | Ž4070         | Ž4062  | 4,3         |
| 41059      | 3529       | Frkljevci          | 609     | 661  | ACP          | D525          | Ž4185  | 2,7         |
| 41077      | 3520       | Velika             | 569     | 570  | ACC          | Ž4253         | Ž4101  | 4,5         |
| 44055      | 2524       | Petrijevci - south | 1007    | 1054 | ACP          | Ž4061         | D2     | 2,6         |
| 44083      | 3726       | Silaš              | 840     | 868  | ACC          | L44114        | Ž4122  | 2,2         |
| 44086      | 3734       | Marinovci          | 360     | 419  | ACP          | D213          | L44115 | 3,3         |
| 44093      | 3632       | Ceremošnjak        | 333     | 354  | ACP          | Ž4168         | L44095 | 8,8         |
| 44099      | 3633       | Ostrošinci         | 274     | 311  | ACP          | D515          | Ž4118  | 9,3         |
| 44110      | 3733       | Antunovac          | 1587    | 1589 | ACP          | D518          | G.A.P. | 6,3         |
| 46026      | 3737       | Privlaka           | 185     | 197  | ACP          | Ž4172         | L46027 | 3,5         |
| 46042      | 3732       | Županja - north    | 3538    | 3691 | ACC          | Ž4170         | L46043 | 0,5         |
| 50040      | 2763       | Fiorini            | 1251    | 2017 | ACP          | D75           | Ž5070  | 4,2         |
| 50109      | 2764       | Mandalenčići       | 926     | 1089 | ACP          | Ž5079         | L50110 | 2,8         |
| 50120      | 2836       | Tupljak            | 1243    | 1312 | ACC          | L50086        | D64    | 3,7         |
| 50158      | 3914       | Marana             | 781     | 1052 | ACP          | Ž5115         | Ž5192  | 2,1         |

**Table 3.4. AVERAGE ANNUAL AND AVERAGE SUMMER DAILY TRAFFIC WITH GENERAL COUNT SITES DATA /cont./**

**LR 2018**

| Road Label | COUNT SITE |                    | TRAFFIC |       | Count Method | COUNT SECTION |           |             |
|------------|------------|--------------------|---------|-------|--------------|---------------|-----------|-------------|
|            | Label      | Name               | AADT    | ASDT  |              | Beginning     | End       | Length (km) |
| 50185      | 2841       | Štrmac             | 4780    | 7135  | ACP          | Ž5081         | D66       | 0,8         |
| 58115      | 4005       | Nerezine           | 845     | 1445  | ACC          | D100          | Nerezine  | 3,8         |
| 59001      | 4111       | Senj               | 2470    | 2977  | ACC          | L59002        | D8        | 8,6         |
| 59019      | 4224       | Kompolje           | 359     | 482   | ACC          | D50           | Ž5140     | 2,9         |
| 59064      | 4312       | Debelo Brdo        | 118     | 187   | ACP          | D1            | D25       | 8,6         |
| 59077      | 4109       | Caska              | 1847    | 5077  | ACC          | D106          | Metajna   | 10,6        |
| 63001      | 4831       | Bošana             | 1029    | 2457  | ACP          | L63006        | D106      | 0,5         |
| 63003      | 4701       | Kolan              | 1006    | 2453  | ACP          | L63002        | Mandre    | 3,7         |
| 63013      | 5008       | Kruškovače         | 156     | 219   | ACC          | Ž5203         | Gr. BiH   | 9,7         |
| 63104      | 4832       | Debeljak           | 1127    | 1502  | ACP          | Ž6041         | Ž6040     | 2,1         |
| 63176      | 5201       | Biograd            | 1584    | 3847  | ACC          | D503          | Ž6063     | 3,2         |
| 65011      | 5009       | Knin               | 1669    | 1556  | ACC          | Ž6080         | L65010    | 1,0         |
| 65050      | 5429       | Drniš - east       | 4598    | 4960  | ACC          | L65051        | D33       | 0,3         |
| 65075      | 5334       | Primošten          | 2231    | 3927  | ACC          | D8            | L65076    | 2,4         |
| 65076      | 5331       | Draga              | 733     | 716   | ACC          | Ž6127         | L65075    | 4,2         |
| 67020      | 5434       | Trolokve           | 137     | 142   | ACC          | Ž6112         | L67056    | 5,9         |
| 67029      | 5530       | Zelovo             | 377     | 362   | ACC          | L67014        | D1        | 10,7        |
| 67040      | 5531       | Sinj - southeast   | 4484    | 4650  | ACC          | D1            | L67039    | 4,0         |
| 67065      | 5435       | Solin Donja Strana | 6466    | 7518  | ACP          | D8            | Ž6253     | 3,4         |
| 67075      | 5533       | Klis Kosa          | 1967    | 2237  | ACP          | Ž6253         | Ž6253     | 7,6         |
| 67076      | 5534       | Podi               | 2162    | 2559  | ACP          | D56           | Ž6260     | 5,9         |
| 67194      | 5924       | Pitve              | 1285    | 2607  | ACC          | L67190        | D116      | 1,8         |
| 69010      | 6108       | Opuzen             | 1800    | 2354  | ACC          | D8            | Ž6219     | 2,3         |
| 69012      | 6109       | Krvavac            | 2401    | 2428  | ACC          | L69013        | Ž6220     | 1,8         |
| unclas.    | 2014       | Velika Mlaka       | 26701   | 24154 | ACC          | V. Mlaka      | V. Gorica | 2,0         |
| unclas.    | 3125       | Roknići            | 253     | 298   | ACP          | Ž3228         | Ž3229     | 9,0         |
| unclas.    | 6032       | Ploče Birina       | 4432    | 5053  | ACC          | D8            | Ž6216     | 0,8         |

# STATE ROADS AND MOTORWAYS: TOLL-PAID TRAFFIC COUNTING



#### 4. STATE ROADS AND MOTORWAYS: TOLL-PAID TRAFFIC COUNTING

In the fourth chapter of this Digest the basic data about traffic volumes collected through “toll-paid” counts on toll roadways can be found. This chapter deals only with data collected on so called closed toll-collecting systems. In our country, the described method of counting is used at the following motorway sections: Lučko – Kikovica (partly A1 up to intersection Bosiljevo 2 and A6 after that), Bosiljevo 2 – Karamatići (A1), Macelj – Zaprešić (A2), Zagreb (east) – Lipovac (A3), Goričan – Sv. Helena (A4), Osijek – Svilaj (A5), Kanfanar - Učka (A8) and Umag - Pula (A9). We note that the given data is obtained through processing the data acquired off the tollbooths.

All data collected through toll counts have been processed using an adopted methodology of processing for collected data. The results of

processing data collected at toll roadways and processed that way enable their representation in various forms. For mentioned motorways, the results are graphically displayed on illustrations 4 to 9. They clearly exhibit traffic volumes (intensities) at each of the tollgates and cross sections of those motorways.

Among all toll roads the prominent sections, by traffic volumes, continue to be those between Lučko and Karlovac. On the count sections of this motorway already for years the highest AADT and, especially, ASDT values have been recorded, with respect to the other such roadways in Croatia.

At all toll roads in Croatia ASDT is significantly higher than AADT, which demonstrates seasonal variations in their use.

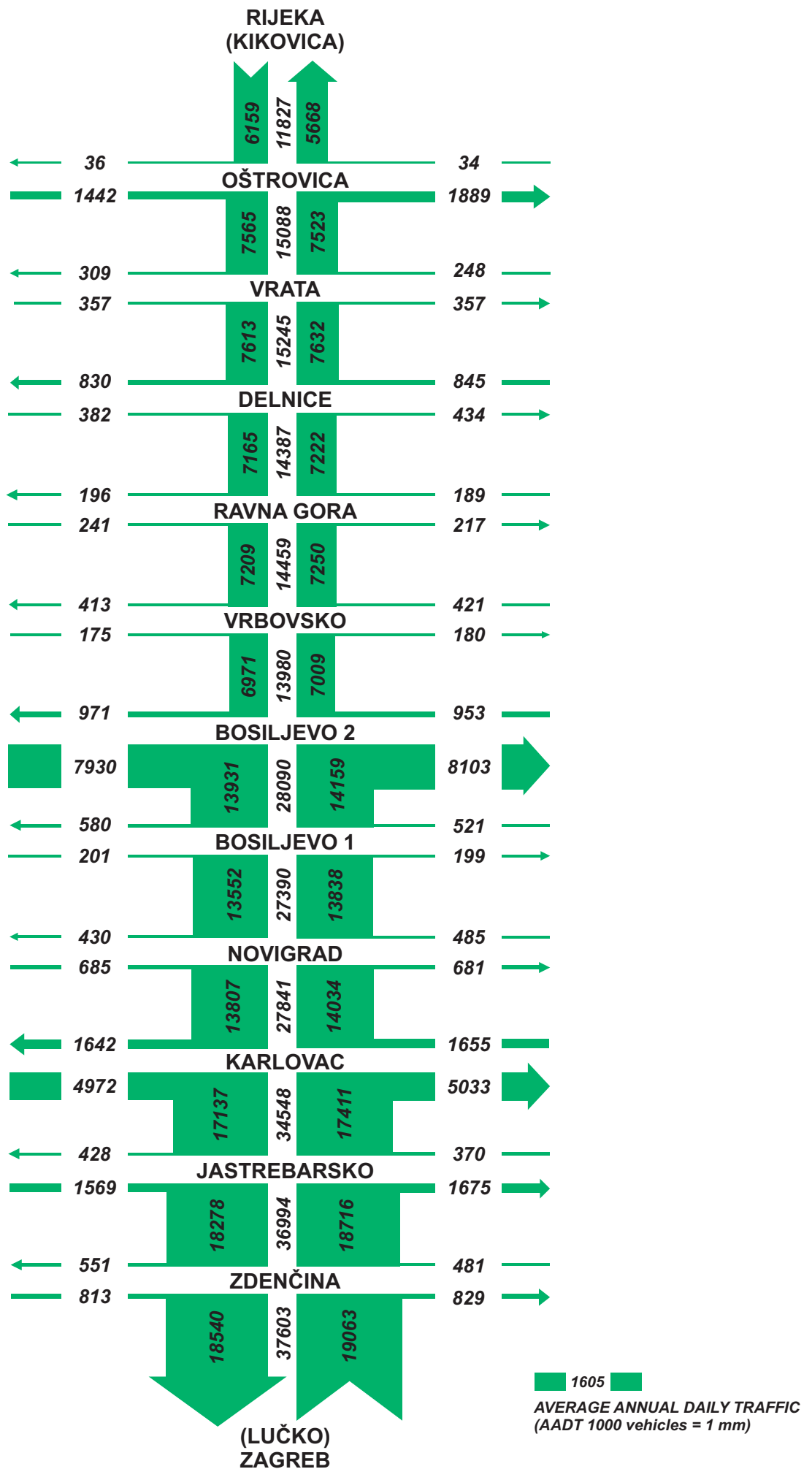


Figure 4. MOTORWAY TRAFFIC; ZAGREB - RIJEKA

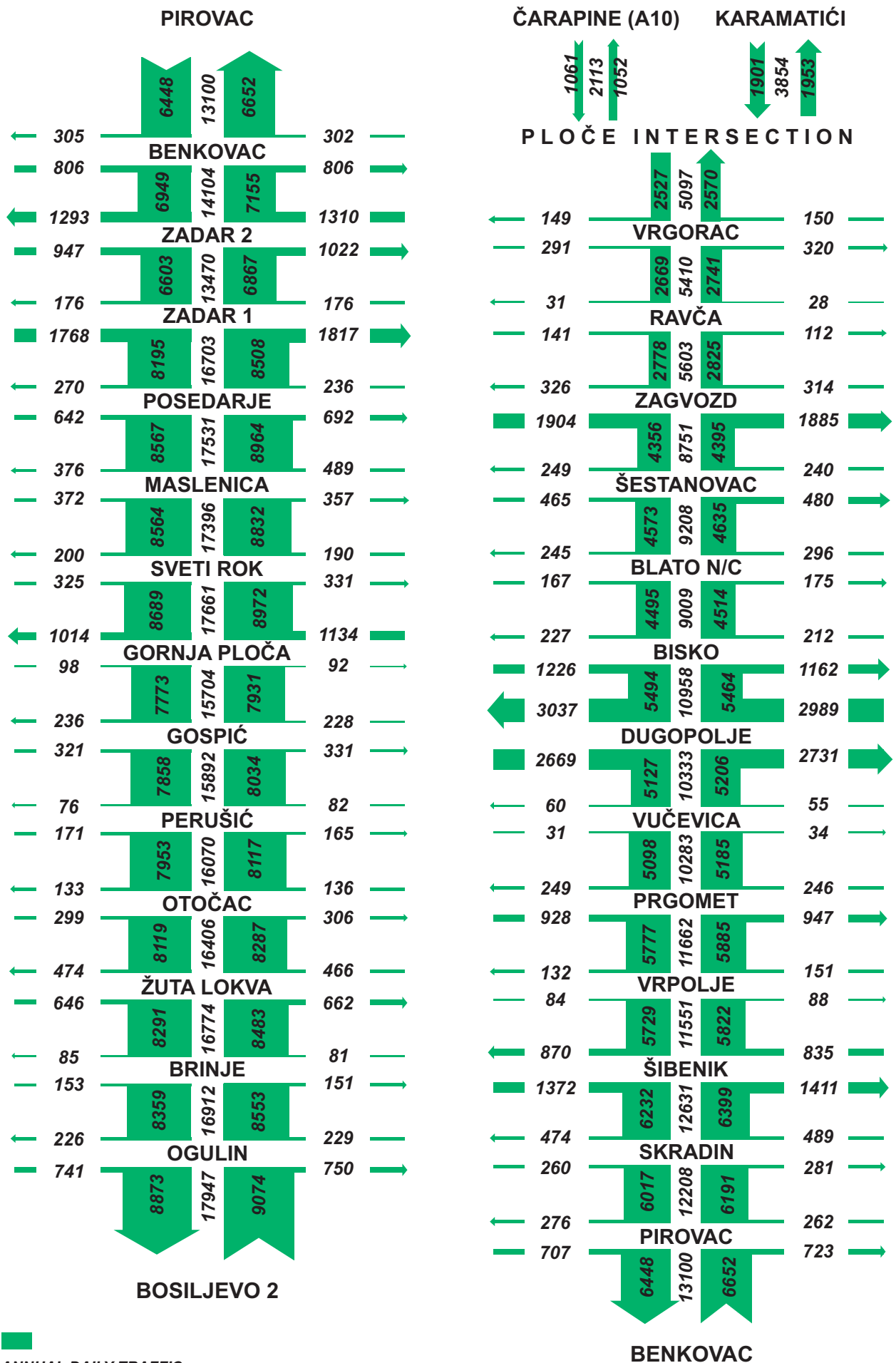
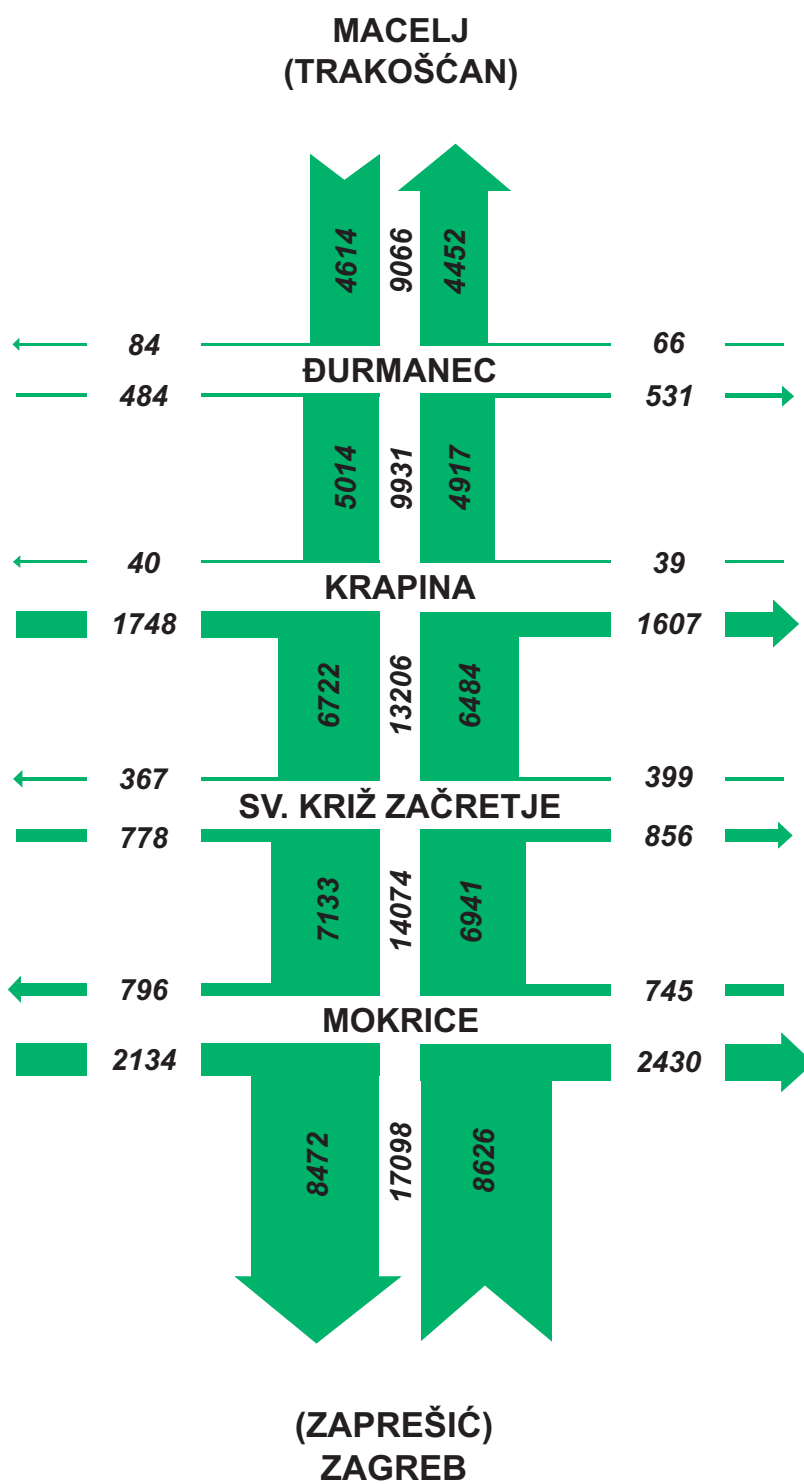


Figure 5. MOTORWAY A1; SECTION BOSILJEVO 2 - PLOČE - KARAMATIĆI/ČARAPINE (A10)

MW - 2018



2569  
 AVERAGE ANNUAL DAILY TRAFFIC  
 (AADT 500 vehicles = 1 mm)

Figure 6. MOTORWAY A2 TRAFFIC MACELJ - ZAGREB

MW - 2018

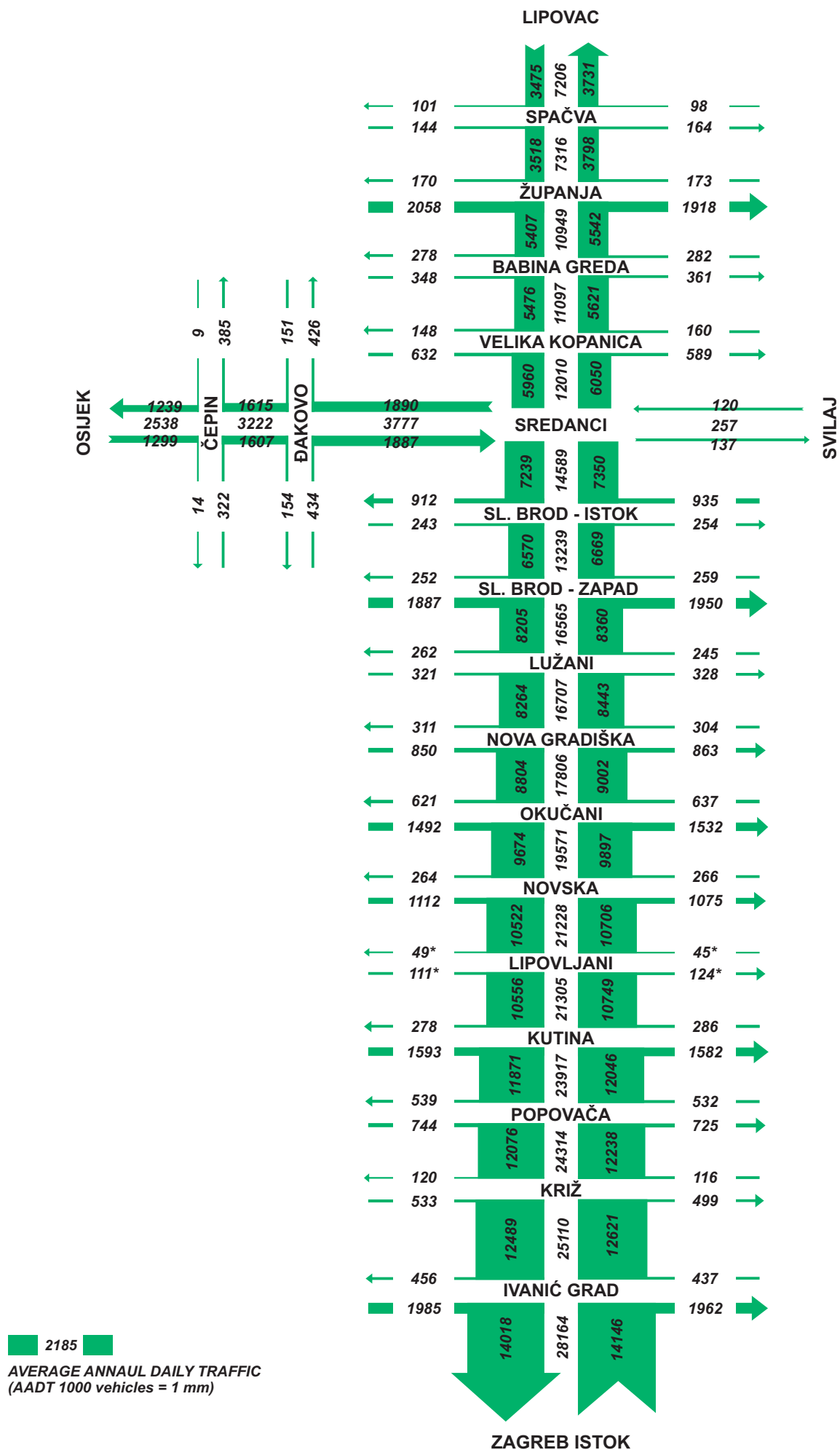
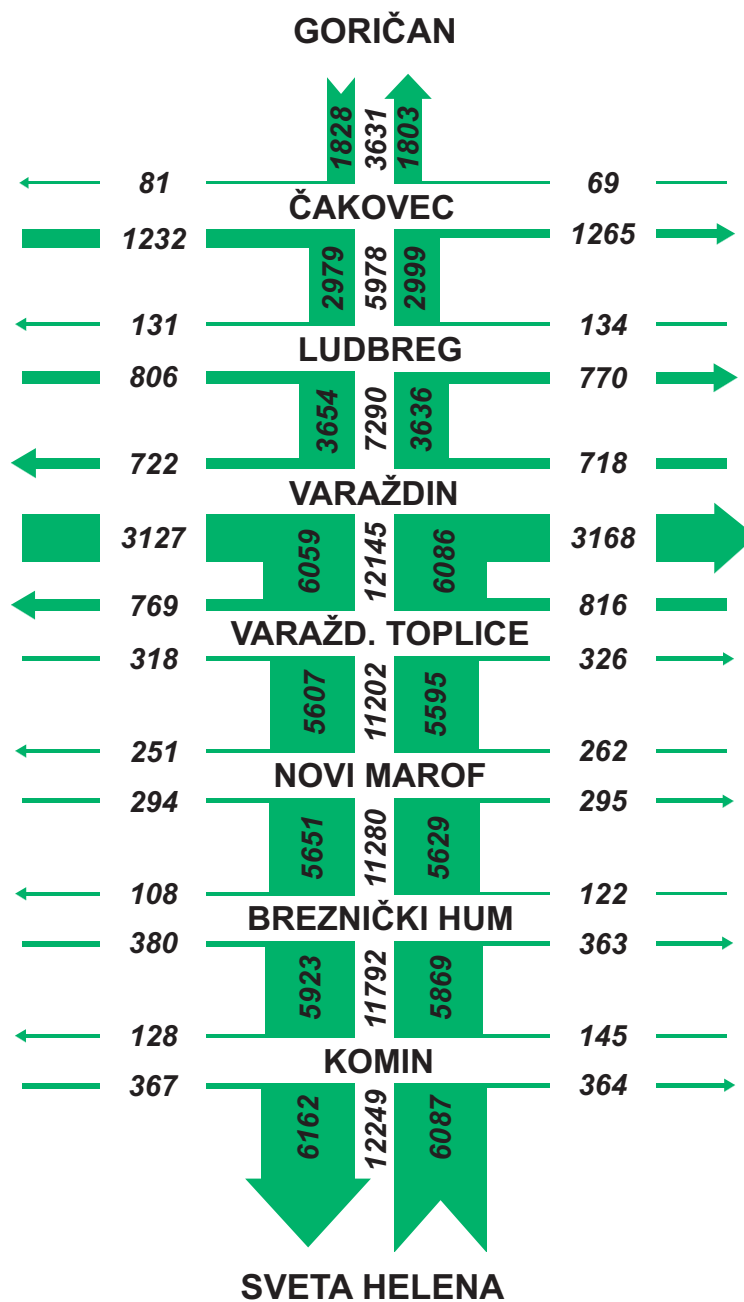


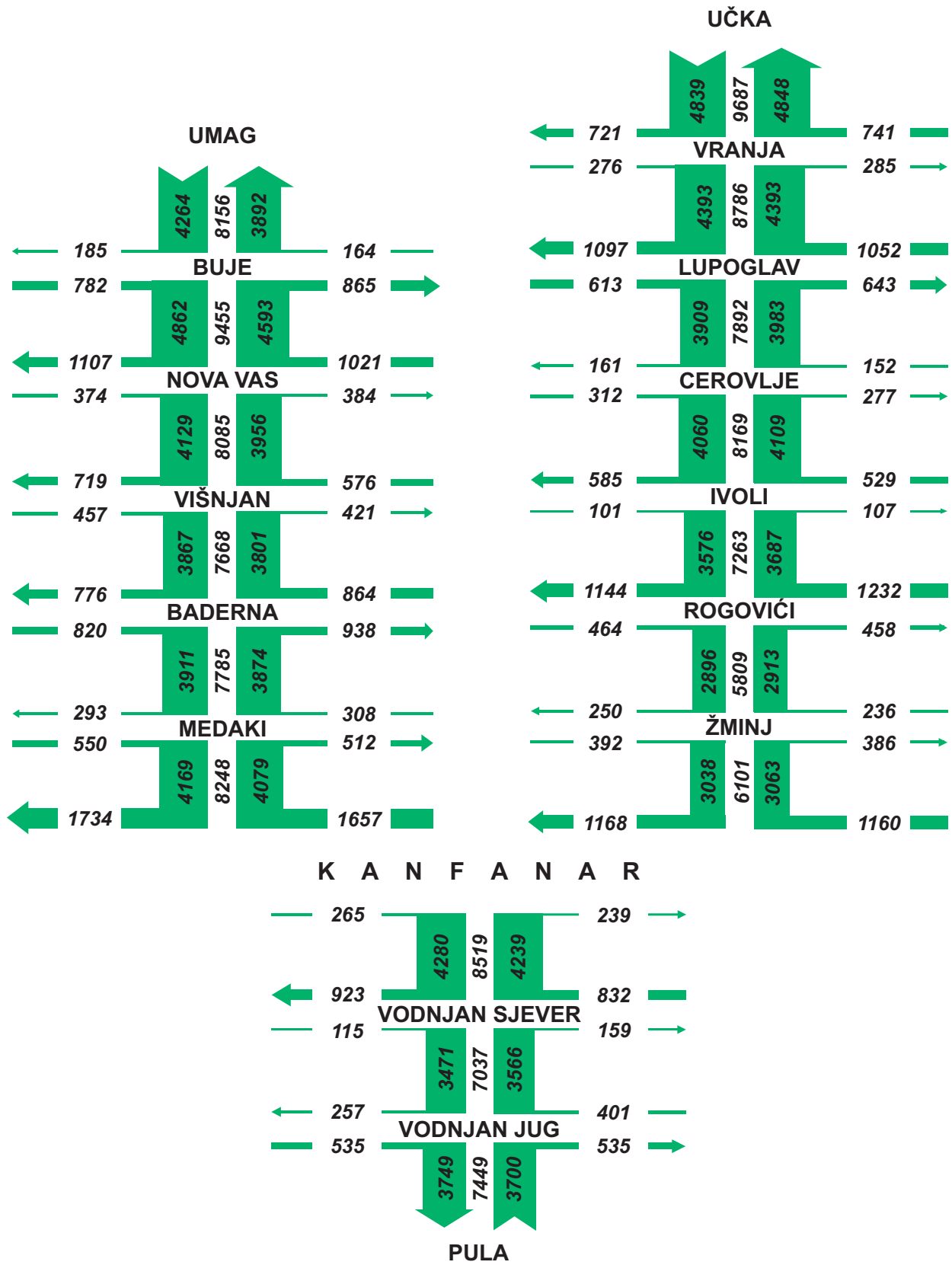
Figure 7. MOTORWAY A3 SECTION ZAGREB (EAST) - LIPOVAC  
 MOTORWAY A5 SECTION OSIJEK - SVILAJ



 1004  
 AVERAGE ANNUAL DAILY TRAFFIC  
 (AADT 500 vehicles = 1 mm)

Figure 8. MOTORWAY A4; SECTION GORIČAN - SVETA HELENA

MW - 2018



922

AVERAGE ANNUAL DAILY TRAFFIC  
(AADT 500 vehicles = 1 mm)

Figure 9. MOTORWAY A8 TRAFFIC; SECTION KANFANA R  
MOTORWAY A9 TRAFFIC; SECTION UMAG-PULA

# FERRY LINES VEHICLE TRANSPORTATION

5



## 5. FERRY LINES VEHICLE TRANSPORTATION

The chosen data about road vehicle transportation on domestic ferry lines in 2018 is presented in Table 5. Data was collected for 24 ferry lines, and the international lines were omitted.

Just as before, some lines excel: Brestova – Porozina, Valbiska – Merag, Jablanac – Mišnjak, Prizna – Žigljen, Zadar – Preko and Split – Supetar. In July and August of 2018 all numbers are significantly higher showing strong seasonal dependency.

Table 5. AADT AND ASDT: STRUCTURE BY VEHICLE TYPES, FERRY LINES

FL 2018

| FERRY LINE |                                       | Total<br>AADT<br>100%<br>ASDT<br>100% | VEHICLE TYPES  |              |                  |                |
|------------|---------------------------------------|---------------------------------------|----------------|--------------|------------------|----------------|
| LABEL      | NAME                                  |                                       | Passenger Cars | Buses        | Freight Vehicles | Other Vehicles |
| 334        | BRESTOVA<br>POROZINA                  | <b>234.561</b>                        | <b>182.236</b> | <b>984</b>   | <b>14.624</b>    | <b>36.717</b>  |
|            |                                       | 641                                   | 497            | 3            | 40               | 101            |
|            |                                       | 100%                                  | 77,70          | 0,42         | 6,23             | 15,65          |
|            |                                       | 1688                                  | 1402           | 2            | 52               | 232            |
|            |                                       | 100%                                  | 83,09          | 0,10         | 3,06             | 13,75          |
| 332        | VALBISKA<br>MERAG                     | <b>468.070</b>                        | <b>356.635</b> | <b>5.970</b> | <b>58.103</b>    | <b>47.362</b>  |
|            |                                       | 1279                                  | 974            | 16           | 159              | 130            |
|            |                                       | 100%                                  | 76,19          | 1,28         | 12,41            | 10,12          |
|            |                                       | 2563                                  | 2023           | 20           | 194              | 326            |
|            |                                       | 100%                                  | 78,94          | 0,78         | 7,56             | 12,72          |
| 338        | VALBISKA<br>LOPAR                     | <b>47.328</b>                         | <b>35.263</b>  | <b>89</b>    | <b>4.056</b>     | <b>7.920</b>   |
|            |                                       | 129                                   | 96             | 0            | 11               | 22             |
|            |                                       | 100%                                  | 74,51          | 0,19         | 8,57             | 16,73          |
|            |                                       | 399                                   | 321            | 0            | 19               | 59             |
|            |                                       | 100%                                  | 80,54          | 0,00         | 4,71             | 14,75          |
| 337        | STINICA<br>MIŠNJAK                    | <b>365.552</b>                        | <b>296.751</b> | <b>4.466</b> | <b>35.214</b>    | <b>29.121</b>  |
|            |                                       | 999                                   | 811            | 12           | 96               | 80             |
|            |                                       | 100%                                  | 81,18          | 1,22         | 9,63             | 7,97           |
|            |                                       | 2370                                  | 2038           | 17           | 112              | 203            |
|            |                                       | 100%                                  | 85,99          | 0,72         | 4,74             | 8,55           |
| 401        | ZADAR<br>OLIB<br>SILBA<br>MALI LOŠINJ | <b>9.650</b>                          | <b>4.254</b>   | ...          | <b>3.456</b>     | <b>1.940</b>   |
|            |                                       | 26                                    | 12             | ...          | 9                | 5              |
|            |                                       | 100%                                  | 44,09          | ...          | 35,81            | 20,10          |
|            |                                       | 68                                    | 41             | ...          | 13               | 14             |
|            |                                       | 100%                                  | 60,04          | ...          | 19,04            | 20,92          |
| 335        | PRIZNA<br>ŽIGLJEN                     | <b>340.329</b>                        | <b>278.893</b> | <b>3.094</b> | <b>23.293</b>    | <b>35.049</b>  |
|            |                                       | 930                                   | 762            | 8            | 64               | 96             |
|            |                                       | 100%                                  | 81,95          | 0,91         | 6,84             | 10,30          |
|            |                                       | 2695                                  | 2338           | 27           | 79               | 251            |
|            |                                       | 100%                                  | 86,76          | 1,00         | 2,93             | 9,31           |
| 433        | ZADAR<br>SESTRUNJ<br>MOLAT            | <b>6.521</b>                          | <b>3.540</b>   | ...          | <b>2.702</b>     | <b>279</b>     |
|            |                                       | 18                                    | 10             | ...          | 7                | 1              |
|            |                                       | 100%                                  | 54,28          | ...          | 41,44            | 4,28           |
|            |                                       | 37                                    | 26             | ...          | 9                | 2              |
|            |                                       | 100%                                  | 71,24          | ...          | 24,07            | 4,69           |
| 434        | ZADAR<br>BRBINJ                       | <b>71.680</b>                         | <b>53.439</b>  | <b>215</b>   | <b>12.467</b>    | <b>5.559</b>   |
|            |                                       | 196                                   | 146            | 1            | 34               | 15             |
|            |                                       | 100%                                  | 74,55          | 0,30         | 17,39            | 7,76           |
|            |                                       | 506                                   | 412            | 1            | 44               | 49             |
|            |                                       | 100%                                  | 81,43          | 0,15         | 8,76             | 9,66           |
| 431        | ZADAR<br>PREKO                        | <b>356.783</b>                        | <b>267.245</b> | <b>305</b>   | <b>66.977</b>    | <b>22.256</b>  |
|            |                                       | 975                                   | 730            | 1            | 183              | 61             |
|            |                                       | 100%                                  | 74,90          | 0,09         | 18,77            | 6,24           |
|            |                                       | 1861                                  | 1492           | 1            | 218              | 150            |
|            |                                       | 100%                                  | 80,19          | 0,04         | 11,70            | 8,07           |

Table 5. AADT AND ASDT: STRUCTURE BY VEHICLE TYPES, FERRY LINES /cont./

FL 2018

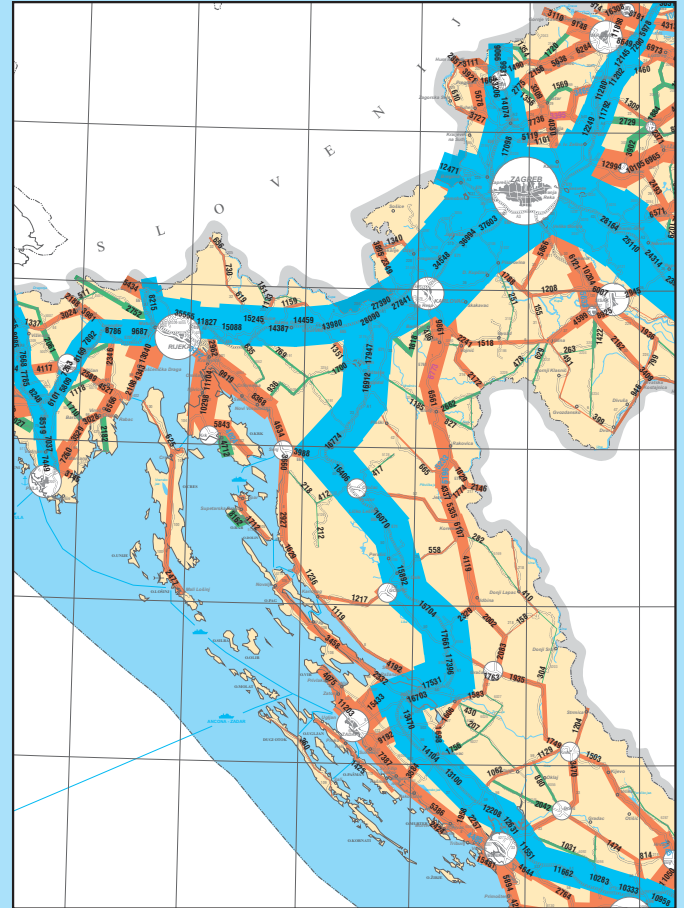
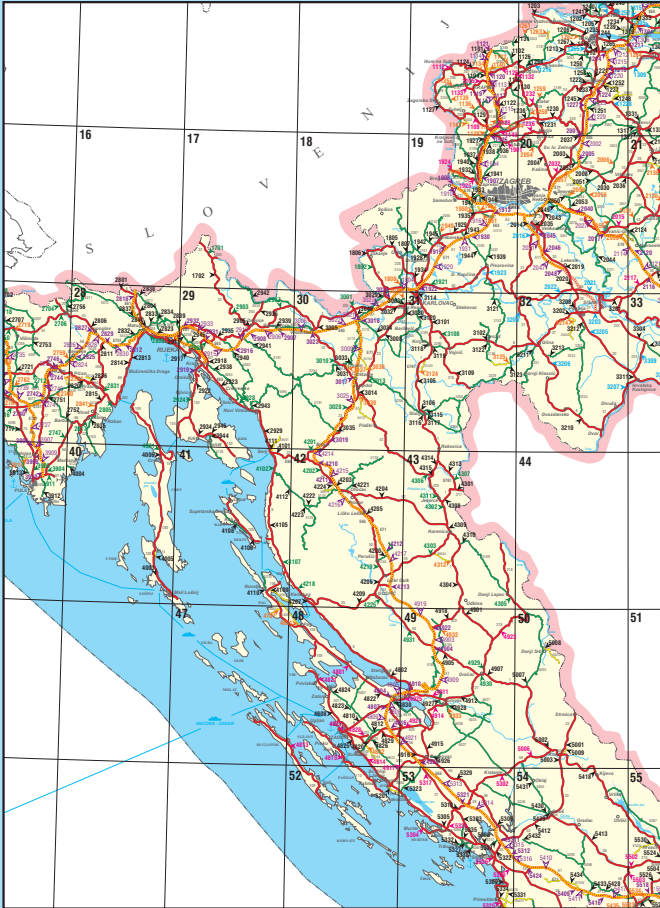
| FERRY LINE |   | Total<br>AADT<br>100%<br>ASDT<br>100% | VEHICLE TYPES  |       |                  |                |
|------------|---|---------------------------------------|----------------|-------|------------------|----------------|
| LABEL      | NAME  |                                       | Passenger Cars | Buses | Freight Vehicles | Other Vehicles |
| 435        | ZADAR<br>IŽ<br>RAVA                             | 12.398                                | 8.187          | 12    | 3.555            | 644            |
|            |   | 34                                    | 22             | 0     | 10               | 2              |
|            |   | 100%                                  | 66,04          | 0,10  | 28,67            | 5,19           |
|            |   | 85                                    | 67             | 0     | 12               | 6              |
|            |   | 100%                                  | 79,08          | 0,00  | 14,26            | 6,66           |
| 432        | BIOGRAD<br>TKON                                 | 120.027                               | 91.401         | 141   | 15.422           | 13.063         |
|            |   | 328                                   | 250            | 0     | 42               | 36             |
|            |   | 100%                                  | 76,15          | 0,12  | 12,85            | 10,88          |
|            |   | 772                                   | 626            | 2     | 51               | 93             |
|            |   | 100%                                  | 81,15          | 0,20  | 6,62             | 12,03          |
| 532        | ŠIBENIK<br>KAPRIJE<br>ŽIRJE                     | 6.722                                 | 2.974          | 2     | 2.945            | 801            |
|            |   | 18                                    | 8              | 0     | 8                | 2              |
|            |   | 100%                                  | 44,24          | 0,03  | 43,81            | 11,92          |
|            |   | 38                                    | 24             | 0     | 9                | 5              |
|            |   | 100%                                  | 62,63          | 0,08  | 24,27            | 13,02          |
| 606        | SPLIT<br>TROGIR<br>DRVENIK VELI<br>DRVENIK MALI | 11.788                                | 7.002          | ...   | 3.849            | 937            |
|            |   | 32                                    | 18             | ...   | 11               | 3              |
|            |   | 100%                                  | 59,40          | ...   | 32,65            | 7,95           |
|            |   | 68                                    | 49             | ...   | 11               | 8              |
|            |   | 100%                                  | 72,60          | ...   | 15,95            | 11,45          |
| 636        | SPLIT<br>ROGAČ                                  | 80.731                                | 57.251         | 49    | 18.566           | 4.865          |
|            |   | 221                                   | 157            | 0     | 51               | 13             |
|            |   | 100%                                  | 70,91          | 0,06  | 23,00            | 6,03           |
|            |   | 443                                   | 346            | 0     | 64               | 33             |
|            |   | 100%                                  | 78,17          | 0,03  | 14,38            | 7,42           |
| 602        | SPLIT<br>VIS                                    | 54.556                                | 35.875         | 148   | 13.930           | 4.603          |
|            |   | 149                                   | 98             | 0     | 38               | 13             |
|            |   | 100%                                  | 65,76          | 0,27  | 25,53            | 8,44           |
|            |   | 348                                   | 265            | 0     | 49               | 34             |
|            |   | 100%                                  | 76,19          | 0,07  | 13,98            | 9,76           |
| 631        | SPLIT<br>SUPETAR                                | 402.058                               | 293.352        | 975   | 85.443           | 22.288         |
|            |   | 1099                                  | 801            | 3     | 234              | 61             |
|            |   | 100%                                  | 72,97          | 0,24  | 21,25            | 5,54           |
|            |   | 2283                                  | 1852           | 4     | 280              | 147            |
|            |   | 100%                                  | 81,15          | 0,16  | 12,25            | 6,44           |
| 638        | MAKARSKA<br>SUMARTIN                            | 32.926                                | 24.992         | 83    | 3.102            | 4.749          |
|            |   | 90                                    | 69             | 0     | 8                | 13             |
|            |   | 100%                                  | 75,91          | 0,25  | 9,42             | 14,42          |
|            |   | 229                                   | 190            | 0     | 8                | 31             |
|            |   | 100%                                  | 82,81          | 0,06  | 3,52             | 13,61          |
| 635        | SPLIT<br>STARI GRAD                             | 174.817                               | 115.482        | 1.646 | 45.079           | 12.610         |
|            |   | 478                                   | 314            | 5     | 124              | 35             |
|            |   | 100%                                  | 66,06          | 0,94  | 25,79            | 7,21           |
|            |   | 1074                                  | 820            | 5     | 169              | 80             |
|            |   | 100%                                  | 76,24          | 0,51  | 15,77            | 7,48           |

Table 5. AADT AND ASDT: STRUCTURE BY VEHICLE TYPES, FERRY LINES /cont./

FL 2018

| FERRY LINE |                               | Total<br>AADT<br>100%<br>ASDT<br>100% | VEHICLE TYPES  |       |                  |                |
|------------|-------------------------------|---------------------------------------|----------------|-------|------------------|----------------|
| LABEL      | NAME                          |                                       | Passenger Cars | Buses | Freight Vehicles | Other Vehicles |
| 604        | SPLIT<br>VELA LUKA<br>LASTOVO | 52.096                                | 34.870         | 265   | 12.377           | 4.584          |
|            |                               | 142                                   | 94             | 1     | 34               | 13             |
|            |                               | 100%                                  | 66,93          | 0,51  | 23,76            | 8,80           |
|            |                               | 344                                   | 266            | 1     | 44               | 33             |
|            |                               | 100%                                  | 77,22          | 0,20  | 12,85            | 9,73           |
| 632        | DRVENIK<br>SUĆURAJ            | 133.320                               | 109.209        | 1.359 | 12.408           | 10.344         |
|            |                               | 364                                   | 298            | 4     | 34               | 28             |
|            |                               | 100%                                  | 81,91          | 1,02  | 9,31             | 7,76           |
|            |                               | 928                                   | 823            | 4     | 37               | 64             |
|            |                               | 100%                                  | 88,77          | 0,41  | 3,96             | 6,86           |
| 634        | OREBIĆ<br>DOMINČE             | 263.649                               | 193.913        | 4.506 | 47.934           | 17.296         |
|            |                               | 720                                   | 530            | 12    | 131              | 47             |
|            |                               | 100%                                  | 73,55          | 1,71  | 18,18            | 6,56           |
|            |                               | 1434                                  | 1146           | 17    | 169              | 102            |
|            |                               | 100%                                  | 79,95          | 1,18  | 11,78            | 7,09           |
| 633        | PLOČE<br>TRPANJ               | 146.134                               | 101.649        | 364   | 33.158           | 10.963         |
|            |                               | 399                                   | 277            | 1     | 91               | 30             |
|            |                               | 100%                                  | 69,56          | 0,25  | 22,69            | 7,50           |
|            |                               | 977                                   | 778            | 1     | 124              | 74             |
|            |                               | 100%                                  | 79,61          | 0,12  | 12,70            | 7,57           |
| 832        | PRAPRATNO<br>SOBRA            | 58.365                                | 47.254         | 302   | 8.334            | 2.475          |
|            |                               | 159                                   | 128            | 1     | 23               | 7              |
|            |                               | 100%                                  | 80,96          | 0,52  | 14,28            | 4,24           |
|            |                               | 362                                   | 311            | 1     | 32               | 18             |
|            |                               | 100%                                  | 85,89          | 0,26  | 8,78             | 5,07           |
| 831        | DUBROVNIK<br>LOPUD<br>SUĐURAD | 4.887                                 | 2.546          | 6     | 1.849            | 486            |
|            |                               | 13                                    | 7              | 0     | 5                | 1              |
|            |                               | 100%                                  | 52,10          | 0,12  | 37,84            | 9,94           |
|            |                               | 22                                    | 13             | 0     | 6                | 3              |
|            |                               | 100%                                  | 63,10          | 0,00  | 25,34            | 11,56          |

... No data



## **Common Abbreviations and Terms**

**State Roadway Network,  
Traffic Count Sites Distribution  
(as on 31 December 2018)**

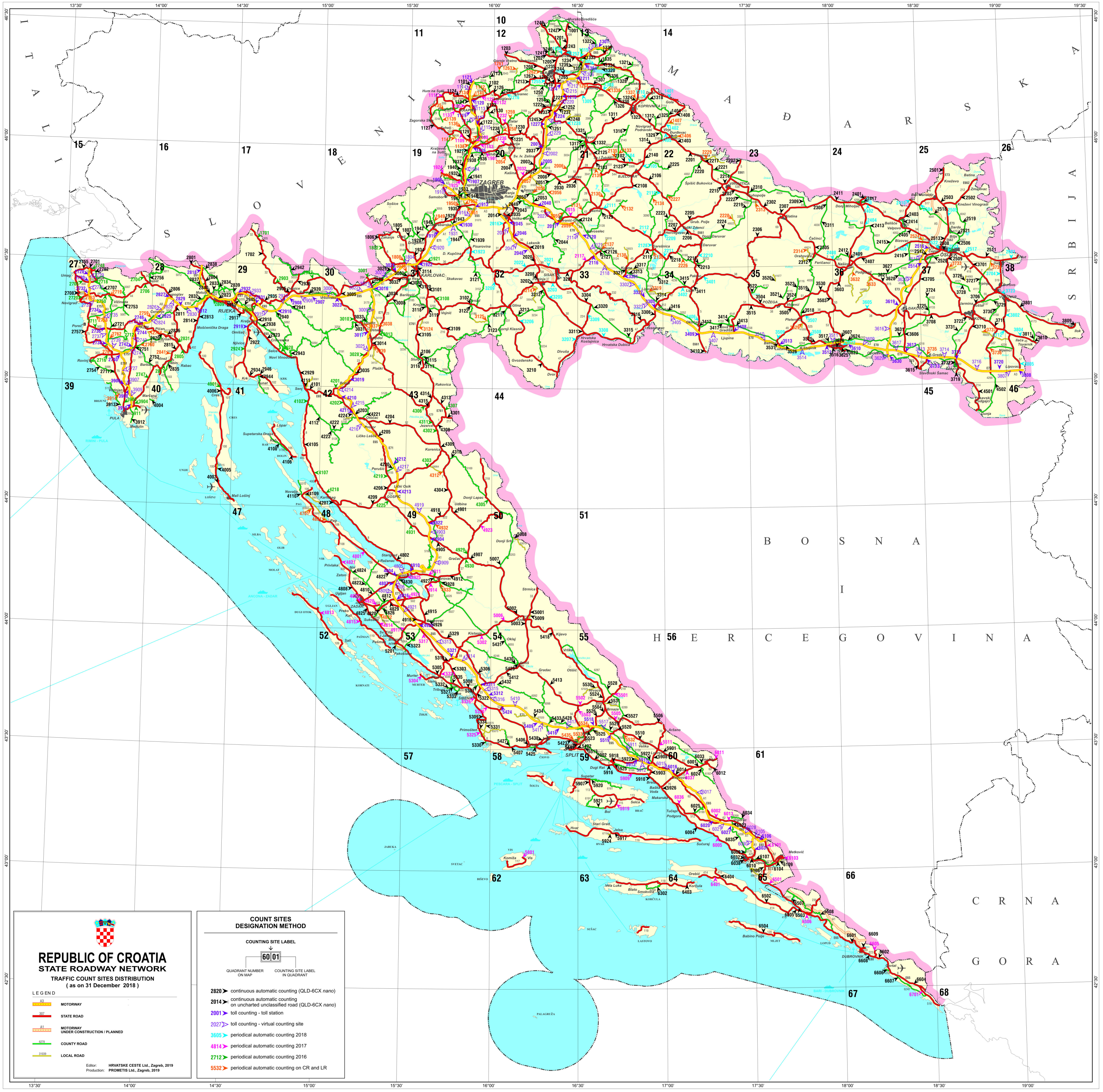
**State Roadway Network,  
Traffic Volumes  
on Selected Roads Directions  
in 2018**

## Appendix 6.1. Abbreviations and Terms

| Kratika               | Značenje  | Abbreviation   | Meaning  |
|-----------------------|---|----------------|--|
|                       | <b>BROJENJE PROMETA<br/>NA CESTAMA REPUBLIKE HRVATSKE</b> |                | <b>TRAFFIC COUNTING<br/>ON THE ROADWAYS OF CROATIA</b> |
| <b>PGDP</b>           | prosječan godišnji dnevni promet                          | <b>AADT</b>    | Average Annual Daily Traffic                           |
| <b>PLDP</b>           | prosječan ljetni dnevni promet                            | <b>ASDT</b>    | Average Summer Daily Traffic                           |
| <b>PDP</b>            | prosječan dnevni promet                                   | <b>ADT</b>     | Average Daily Traffic                                  |
|                       | procjena  |                | estimate   |
| <b>DC</b>             | državna cesta   | <b>SR</b>      | State Road   |
| <b>ŽC</b>             | županijska cesta  | <b>CR</b>      | County Road  |
| <b>AC</b>             | autocesta   | <b>M</b>       | Motorway   |
| <b>PAC</b>            | poluautocesta   | <b>SM</b>      | Semi – Motorway  |
| <b>LC</b>             | lokalna cesta   | <b>LR</b>      | Local Road   |
| <b>ner.</b>           | nerazvrstana cesta  | <b>unclas.</b> | unclassified road                                      |
| <b>NAB</b>            | neprekidno automatsko<br>brojenje prometa                 | <b>ACC</b>     | Automatic Count (continuous)                           |
| <b>PAB</b>            | povremeno automatsko<br>brojenje prometa                  | <b>ACP</b>     | Automatic Count (periodical)                           |
| <b>NB</b>             | naplatno brojenje   | <b>TCTS</b>    | Traffic Census at Toll Stations                        |
| <b>NP</b>             | naplatna postaja  | <b>TS</b>      | Toll Station   |
| <b>po, ut, sr</b>     | ponedjeljak, utorak, srijeda                              |                | Monday, Tuesday, Wednesday                             |
| <b>če, pe, su, ne</b> | četvrtak, petak, subota, nedjelja                         |                | Thursday, Friday, Saturday, Sunday                     |
| <b>čv.</b>            | čvorište  |                | intersection   |
| <b>GP</b>             | granični prijelaz   |                | border crossing  |
| <b>G.A.P</b>          | granice administrativnog područja                         |                | boundaries of administrative area                      |
| <b>TP</b>             | trajektno pristanište                                     |                | ferry port   |
|                       | ručno brojenje prometa                                    |                | manual count   |
|                       | broj / oznaka ceste                                       |                | road reference number / designation                    |
|                       | brojačko mjesto   |                | counting site  |
|                       | način brojanja  |                | method of count  |
|                       | duljina odsječka  |                | section length   |

**Appendix 6.1. Abbreviations and Terms /cont./**

| Kratika | Značenje                    | Abbreviation | Meaning                          |
|---------|-----------------------------|--------------|----------------------------------|
|         | ukupno                      |              | total                            |
|         | sveukupno                   |              | overall total                    |
|         | udjel                       |              | share                            |
|         | prosječni satni promet      |              | average hourly traffic           |
|         | vršni sat                   |              | peak hour                        |
|         | dan                         |              | day                              |
|         | tjedan                      |              | week                             |
|         | mjesec                      |              | month                            |
|         | godina                      |              | year                             |
|         | ulazna naplatna postaja     |              | entrance toll station            |
|         | izlazna naplatna postaja    |              | exit toll station                |
|         | most                        |              | bridge                           |
|         | tunel                       |              | tunnel                           |
|         | vrsta vozila                |              | vehicle type                     |
|         | skupina vozila              |              | vehicle class                    |
|         | bicikli                     |              | bicycles                         |
|         | mopedi                      |              | mopeds                           |
|         | motocikli                   |              | motorcycles                      |
|         | osobna vozila               |              | passenger cars                   |
|         | teretna vozila              |              | goods vehicles                   |
|         | autobusi                    |              | buses                            |
|         | teretna vozila s prikolicom |              | combination trucks               |
|         | tegljači (s prikolicom)     |              | truck-tractors (with trailers)   |
|         | traktori i radna vozila     |              | tractors and industrial vehicles |
|         | zaprežna vozila             |              | horse-drawn vehicles             |
|         | ostala vozila               |              | other vehicles                   |



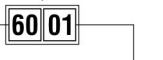
  
**REPUBLIC OF CROATIA**  
**STATE ROADWAY NETWORK**  
 TRAFFIC COUNT SITES DISTRIBUTION  
 (as on 31 December 2018)

**LEGEND**  
 **A3** MOTORWAY  
 **307** STATE ROAD  
 **A1** MOTORWAY UNDER CONSTRUCTION / PLANNED  
 **629** COUNTY ROAD  
 **3109** LOCAL ROAD

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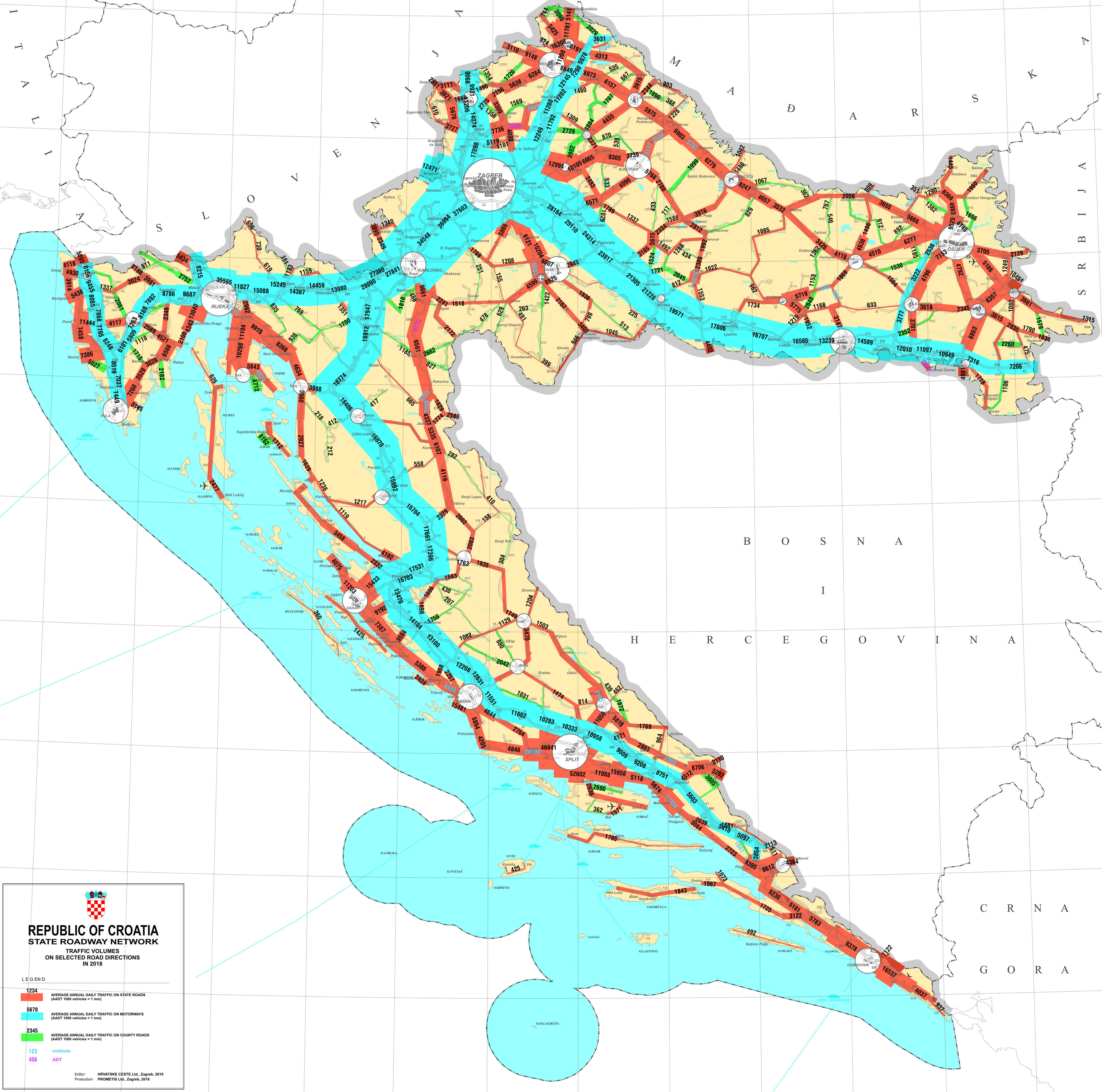
**COUNT SITES DESIGNATION METHOD**


COUNTING SITE LABEL



QUADRANT NUMBER ON MAP      COUNTING SITE LABEL IN QUADRANT

- 2820** > continuous automatic counting (QLD-6CX nano)
- 2014** > continuous automatic counting on uncharted unclassified road (QLD-6CX nano)
- 2001** > toll counting - toll station
- 2027** > toll counting - virtual counting site
- 3605** > periodical automatic counting 2018
- 4814** > periodical automatic counting 2017
- 2712** > periodical automatic counting 2016
- 5532** > periodical automatic counting on CR and LR





**REPUBLIC OF CROATIA**  
**STATE ROADWAY NETWORK**  
 TRAFFIC VOLUMES  
 ON SELECTED ROAD DIRECTIONS  
 IN 2018

LEGEND

- AVERAGE ANNUAL DAILY TRAFFIC ON STATE ROADS  
(AADT 1000 vehicles = 1 mm)
- AVERAGE ANNUAL DAILY TRAFFIC ON MOTORWAYS  
(AADT 1000 vehicles = 1 mm)
- AVERAGE ANNUAL DAILY TRAFFIC ON COUNTY ROADS  
(AADT 1000 vehicles = 1 mm)
- 123 estimate
- 456 ADT

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