GENERAL ASPECTS CONSIDERING THE INFRASTRUCTURE OF THE TIMIŞ-TORONTAL MICROREGION FROM TIMIŞ COUNTY

ASPECTE GENERALE CU PRIVIRE LA INFRASTRUCTURA MICROREGIUNII TIMIŞ-TORONTAL DIN JUDEŢUL TIMIŞ

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Abstract: *Situated in the West part of Romania, the Microregion Timiş-Torontal comprises 3 small towns and 11 localities ranked as communes. The road infrastructures is fairly well developed, circulated through by E 70, DN 57, DN 58 and DN 59. Furthermore, the microregion is pretty well equiped when considering the drinkable water network.*
In this paper, the authors set themselves to study the actual state of infrastructure development in the Microregion and the possibilities of improvement, so that it becomes attractive to new investors.

Key words: *infrastructure, roads, comunications, development*

INTRODUCTION

The Timiş-Torontal Microregion is situated in the West part of Romania, respectively in the South part of the Timiş County, being delimitated at South and South-West by the border with the Serbian Republic, at East by Caraş-Severin County and at North by the Timişoara Municipality.



Fig. 1. Timiş-Torontal Microregion

The Microregion consists of 3 small towns that do not exceed 7.000 inhabitants each: Deta, Gătaia, Ciacova and 11 localities ranked as communes: Birda, Banloc, Denta, Giera, Ghilad, Jebel, Jamu Mare, Liebling, Moravița, Pădureni and Voiteg.

The surface of the administrative territory of the Timiş-Torontal Microregion is of 1.447 kmp, representing 17% of the total surface of Timiş County.

MATERIAL AND METHOD

As a working method the following were used: field study, data gathering, observation, data processing and comparative analysis.

1. TRANSPORT INFRASTRUCTURE

The Microregion's road infrastructure is well developed, assuring good connections between the localities in the area and is circulated through by E 70, which enters the Country from Serbia at the Stamora-Moravița barrier and makes, through Timişoara, the connection with the South of the country. Also, the Microregion is crossed by national and county roads like DN 57, DN 58 and DN 59. The railroad infrastructure, which exists since the past century as a consequence of the impulse due to industry

development of the Timiş County, enjoys nowadays a dense railroad network in comparison with the national level.

The area is passed through by the important axe Timişoara-Belgrad, that reaches Zagreb-Milano. However, it is important to underline that this network is decayed and requires reabilitation and modernization.



Fig.3. National, regional and communal roads

The localities from the Timiş-Torontal Microregion are passed through by many roads that interconnect them and also the large cities nearby. At the level of component units the transport infrastructure is represented as follows:

The Banloc Commune is linked to the city of Timişoara through the Timişoara – Jebel– Giera railroad and the national road (E 70) Timişoara – Deta (43 km) – Stamora- Moravița.The conjunction with Banloc displays through the county road Deta – Banloc (7 km).The Jebel – Giera railroad, which connects to Timişoara, links only two villages from the commune, respectively Banloc and Livezile.The population from the other villages in the commune has to travel to the respective stations with other means of transportation or by foot.Taking this into consideration, the most disadvantaged locality is the village Partoş, which is situated at a distance of approximately 7 km from Banloc, fact that represents an impediment in the

transportation of agricultural products and most likely fishery products that are annualy gathered in significant quantities from Topolia fishery, situated in the close proximity of Partoş village.

The Birda Commune is passed through by the county road 568A that links the national DN 59 and Voiteg to Reşiţa, at a distance of approximately 40 km from the Timişoara Municipality, 20 km from Deta City and 9 km from Gătaia.

Ciacova City is linked to Timisoara and other localities through the Timişoara-Jebel-Giera railway, that that has 2 stations in the locality Ciacova and Ciacova-Tîrg, both with secondary lines for disembarking platforms. In the year 2009, considering existent streets, we have the following results:

- length of city streets – 22 km;
- length of modernized city streets - 8 km.

The 4 component villages (Cebza ,Macedonia, Obad and Petroman) are linked to the residential village by communal roads, the distances between the residential locality and the component villages being:

- Ciacova - Cebza - 7 km on DJ 693 B;
- Ciacova - Macedonia - 7 km on DC 196
- Ciacova - Obad - 3 km on DC 197
- Ciacova - Petroman - 4 km on DC 195

Deta City is a road juncture situated as a point whereat many local roads converge to, but in which two major arteries cut across, as follows: the road that connects the Torontal Plain with the Caraseni Mountains and the one that connects Timişoara and the border point with, respectively E 70 roadway. In the year 2009, considering existent streets, we have the following results:

- length of city streets – 17 km;
- length of modernized city streets - 14 km

Gătaia City is situated on the national road DN 58 that links Timişoara Municipality with Reşiţa Municipality (Caraş-Severin), being at a distance of 52 km fromTimişoara and 47 km from Reşiţa. In the year 2009, considering existent streets, we have the following results:

- length of city streets – 23 km;
- length of modernized city streets – 8 km

The Ghilad Commune is passed through by DJ959/A (partially

asphalted), that connects the cities of Timişoara -Ciacova - Deta and which units with DN 59 and with E70. Another mean of communication is the railroad that crosses the commune of Ghilad on the Ghilad – Giera line, the locality disposing of a flag station.

Liebling Commune – the commune Liebling and the village Conac Iosif each dispose of a flag station and the village Cerna has a travelling distance of 18 km to the Liebling station. Considering the road condition, these present as following:

- Liebling, 10 km communal road, paved in proportion of 70%, only the county road asphalted;
- Iosif, 3 km communal road, 2 km paved, county road asphalted;
- Cerna, 5,5 km communal road, 2 km paved.

The Moravița Locality is found at 60 de km from Timişoara, on the national road DN 59 (European E70) near the border with Serbia. On the commune's territory the border point "Stamora Moravița" is found.

Voiteg – situated at 36 km South from Timişoara Municipality and 7,5 km North of Deta City, on the national road DN 59 (or E70). It is passed through by the Timişoara - Moravița (Vârşeț) railroad and represents the end of the line for the Voiteg – Reşița railroad. In parallel, at the southern limit of Voiteg the national road DN58B, Voiteg – Reşița, begins.

2. THE SITUATION OF TECNHICAL AND URBANISTIC FACILITIES

According to data registered by the Statistics County Direction Timiş, in 2009, at the level of the Timiş-Torontal Microregion, we have the following situation:

- 215,9 km – total simple length of the drinkable water distribution network;
- 137,6 km - total simple length of gas piping.
- 39,3 km - total simple length of sewage piping.

Table 1.

Technical and urbanistic facilities

Locality	Water network (km)	Gas network (km)	Sewage network (km)
Banloc	11,7	18,6	12,5
Birda	0	0	0
Ciacova	21,5	0	0
Denta	17,6	21,4	0
Deta	18,7	32,4	12,5
Gătaia	26,5	32,4	5,7
Ghilad	0	0	0
Giera	12,2		8,6
Jamu Mare	10,2	0	0
Jebel	36	0	0
Liebling	35	0	0
Moravița	11	18,6	0
Pădureni	0	0	0
Voiteg	15,5	14,2	0

Source: Processed data national directorate of statistics Timis

In the case of Deta City there is a network of natural unassociated gas on the whole town's territory, at which commercial societies and population households are wired to.The electrical network is well represented, all localities from Timiş-Torontal Microregion being wired to electric current.

3. COMMUNICATIONS NETWORK IN THE MICROREGION

The landline and mobile telephone network has coverage for all the known operators in Romania. Through the cable TV network or through satellite, at the Microregion's level, radio and TV channels are picked up in most localities. All City Halls and schools from the Microregion have an Internet connection.

According to data offered by the County Direction of Statistics Timiş, at the level of the year 2009 a number of 11.992 radio subscriptions

and a number of 12.792 TV subscriptions existed in the Microregion. At the level of each locality the situation is presented according to the table:

Table 2.

Number of radio and Tv subscriptions

Locality	Number of radio subscriptions	Number of TV subscriptions
Banloc	1253	1258
Birda	493	486
Ciacova	1333	1313
Denta	823	848
Deta	2018	2053
Gătaia	1668	1634
Ghilad	538	538
Giera	388	379
Jamu Mare	817	814
Jebel	863	856
Liebling	937	934
Moravița	631	628
Pădureni	449	447
Voiteg	604	604

Source: Processed data national directorate of statistics Timis

4. BANKING UNITS

We come across banking units in all the towns in the Microregion and also in some communes, which is benefiting for both the inhabitants of the area and the investors that don't have to travel long distances to resolve their banking issues.

5. POLICE, PEACE OFFICERS AND FIREFIGHTERS UNITS

In this chapter the situation presents itself as following:

- 3 police units per city;
- 11 police communal posts (there is one police post in each of the 11 communes comprised in the Timiş-Torontal Microregion);
- 1 firefighting station, situated in Deta City.

At the Microregion's level there is no unit of peace officers, those

being assigned from Timişoara for the protection of certain objectives (example: Court of Law).

CONCLUSIONS

Geographically situated at the intersection of cross-border areas, the Microregion helds an important role in the exterior trade commerce. Therefore, the roads and railroads require modernization work.

In addition to this, modernization is required for the the roads between localities situated nearby European E70 and that pass through the Microregion, as well as for the roads inside localities.

Concerning the electric, landline telephone, mobile telephone and internet network we can observe that they are well developed. All the City Halls and schools are connected to the internet network.

A weak point that must be resolved as soon as possible, disposing of a source of financing from European funds, is introducing a drinkable water network in localities that have none, but mostly the sewage network that completely lacks in the area.

There also should be found an ambulance and firefighting service, at least in the cities of Ciacova and Gătaia, because the ones in Deta cannot always promptly satisfy the requests coming from the inhabitants of the area.

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