

**UDC 656.07**

## **PROSPECTIVITY OF LVIV REGION TRANSPORT INFRASTRUCTURE**

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Keywords: Lviv region, transportation, transport, objects of transport infrastructure, development.

Lviv region is the transport heart not only of Ukraine, but also of Europe. After all, it has a favorable geographical position for transportation - it is located in the central part of Europe and directly borders the state border of Poland. The region, primarily in theory, can have many international connections by different modes of transport. Thus, Lviv region has great prospects in the development and creation of transport networks.

At the moment, the transport infrastructure of Lviv region can be characterized by quite highly developed, as rail, road and air modes of transport provide freight and passenger transportation in all types of connections. In general, Lviv region is characterized by a developed network of car highways and railways.

The region has an extensive network of roads, which provides cargo and passenger domestic, transit and intraregional flows. Currently, 11 roads of national importance are already passing through this region: 5 international roads (M 06, M 09, M 10, M 11, M 12), 2 European roads (E40, E50), 4 national roads (N 02, N 09 , N 13, N 17); 1068 Local Highways: 33 regional roads and 1035 district roads.

Railways passing through the territory of Lviv region are among the busiest freight routes, as 2 international railway corridors (№ 3 and №5) and the trans-European corridor: East - West run directly through this territory.

Air transport is also well developed in this region. Lviv is home to the Danylo Halytsky International Airport in Lviv, which has become the second busiest in Ukraine in the last two years and operates both domestic and foreign flights. This is due to the modern infrastructure of the airport: the airport has 28 check-in counters, 18 passport control desks, 12 checkpoints for aviation security, Terminal A, the old terminal of Lviv Airport, a 3305-meter-long runway.

In addition, a transport oil corridor and a gas pipeline pass through the region, which allows transporting Russian gas to European consumers.

The existing infrastructure of Lviv region shows that it is promising and has great opportunities in the field of transport, so this area is included in many different projects for the development of transport networks.

In Lviv region there is a great prospect of transport infrastructure, so it is included in some international transport projects. One of which is Via Carpatia. It is very important for Lviv region, as it will connect the western border with the ports of Odessa and Kyiv. Based on the map of the project, we see that in Lviv, two paths will intersect on the western side: one will run from the Baltic Sea, and the other - from the countries of South-Eastern Europe. It will be easy to reach the regions of the Right Bank and the Black Sea coast not only of Ukraine, but also of Romania by highway from the studied region in the eastern direction.

One component of the "National Transport Strategy of Ukraine until 2030" is a new transit corridor - the New Silk Road. This route will pass directly through Lviv region, as this region is the most optimal for the transportation of goods and passengers by rail from China's industrial centers to Europe.

Lviv is located at the crossroads of trade routes, especially trade between the Black and the Baltic Seas. Because of this, the Go Highway project was created, which will connect Ukrainian ports of Mykolayiv and Odesa with Polish ports of Gdansk on the Baltic Sea, as a result of which the delivery of goods between these seas will be accelerated. And to reduce the cost of transportation and environmental friendliness, it is important to develop inland water transport not only in Lviv region, but also in the entire Carpathian economic region. Namely, the construction of a canal from the Vistula to the Dniester with a branch to Lviv region, directly to Lviv and Brody. It can be not only economic but also strategic in the event of hostilities. However, there is no such draft strategy yet, but its creation would be quite expedient.

Completion of reconstruction of Terminal A, reconstruction of airfield complex, construction of air cargo terminal and hangars for aviation maintenance - prospects of Danylo Halytsky Lviv International Airport until 2030. Its development is necessary, as this transport facility is part a of the European reconstruction project, ie this airport is of interest to the EU.

### **Conclusion**

The transport infrastructure of all modes of transport in Lviv region has great prospects, as it is a hub connecting Europe with Asia, southern Europe and northern Europe.