

THE RESTRUCTURING OF RAILWAY INFRASTRUCTURE IS A CURRENT NEEDS OF THE PRESENT

H.I. Rybina

Sumy State University, Sumy, Ukraine

Rail transport is one of the most important basic industries of Ukraine, which provide internal and external transport links and economic needs of the people. The activity of rail transport as part of a unified transport system, which promotes normal functioning of all branches of social production and economic development.

Rail infrastructure is one of the principal components which promote implementation of rail transport. In common aspect, rail infrastructure - tracks, engineering, construction, alarm system, electricity, and blocking of traffic control devices, telecommunications, and rolling stock - locomotives, wagons, electric and diesel trains.

Note that the total length of railways in Ukraine is 22 kilometers (42.7% of them electrified, 60.8% - are equipped with automatic train control) our Railways has 126 railway stations, 2 container paragraphs and 1669 stations. System maintenance and repair of rolling stock includes a 68 locomotive, 48 wagons and 20 passenger depot. However, the overall level of depreciation of fixed assets is 78%, including the active part of 84.4%. The state of the technological base and technological level of traffic may become a brake to further socio-economic development. The main problem of this crisis is generated discrepancy amount of funding regulations process simple reproduction of fixed assets and lack of investment. Although rail the leading type of transport, the pace of its development may be slowed due to increased competition in the transport market, technological progress, significant capital intensity. Recouping capital costs of railway construction is heavily dependent on the power possessed of cargo and passenger on a new line.

The main ways of restructuring of the railway infrastructure:

- 1) realignment of existing and construction of new railways in accordance with the economic development strategy of Ukraine;
- 2) gradual reduction unnecessary and low extensive areas of railway network;
- 3) improving the technical level of the travel industry by increasing the volume of all types of renovations, the introduction of new technologies for their implementation;
- 4) organization of high-speed and high-speed network of trains at stations along the lines of international transport corridors and roads that connect major cities in Ukraine.
- 5) gradual convergence towards international standards and requirements;
- 6) promotion of maximum safety of moving;
- 7) implement on resource-saving technologies;
- 8) re-depot according to the maintenance and repair of modern traction and trailing rolling stock;
- 9) extending the range and increase drive transportation services, including the different types of insurance, international tourism, the trade and catering, road service, while improving their quality;
- 10) development and improvement system of transport services.

Thus, the development of railways in Ukraine is possible with account, maintaining and building the capacity of the national railway network; development and realization programs which to increase the efficiency of activities of rail transport.