

Curriculum vitae

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The improvement of the plan of route orientation system of drivers of transport means in the cities.

Specialty 6N0901 – “Organization of delivery, moving and transport exploitation”

Actuality of the research subject. Modern epoch is characterized by intensive industrial and civil building, by sharp increase of people activity and transportation, also by striving for reduction of time for people and freight delivery. All of these facts are lead to increase and development of all kinds of transportation.

Increase of traffic and traffic jams outside and on the roads is lead to discomfort, lack of economy and road satiety. That is why the particular actuality acquires the questions of traffic organization.

However, it is difficult due to branching of the streets and roads which make drivers to be limited in the route choice and to orientate. It becomes the reason for drivers to make transport mistakes and additional indignation in transport stream.

The increase of delivery by automobile transportation to distant distance, development of auto tourism, complication of roads and urban streets, stratification on transport organization are lead to increase of numbers of drivers who works on unfamiliar route. To avoid this difficulties and solve this problem there should be improved the system of route orientation of drivers on basis of navigating system and information pointing traffic signs which use border electronical computing mechanism and satellite connection.

The state of studied problems. Many scientists devote their work to the question of the route orientation system improvement of drivers in the cities. Among them there are works of Klinkovshtain G.I., Konoplyanko V.I., Kremenec Y.A., Shelkov Y.D., Vereykin V.E., Vlasov V.M., Kocherga V.G., Kovalkove V.A., Pecherski M.P. and others.

However the researches of the following authors given above do not take into account the possibility of joint use of informational pointing signs of individual design and navigation system in the route orientation system of drivers of transport means.

The aim of the research is the improvement of the route orientation system of drivers of transport means in the roads on the basis of use of information pointing signs of individual designs and navigational technology.

The task of the research:

1. Studying of existed plan of route orientation of drivers of transport means on the roads of Uskaman.
2. Route formation on the basis of its likely model.
3. Solution of the tasks of transport organization on the basis of use of navigational information.

4. Work on practical recommendations on improvement of the plan of route orientation.

The subject of the research is the plan of route drivers orientation of transport means on the roads of the cities.

Theoretical and systematic basis of research are mathematical methods of the tasks solutions of transport organization in use of navigational information possible model of route transport information.

Scientific novelty of the work is in the following:

- 1) in substitution of the location of informational pointing signs of individual design installation on the roads of the cities ;
- 2) in sorting of information for use in traffic navigation.

The practical value of the work. The joint use of informational pointing signs of individual design of drivers of transport means and navigational technology is suggest for route orientation plan improvement. Given practical recommendations allow. Equipping transport means with navigational equipment can plan reduction of transport expenses, improve the orientation of drivers on the roads of Uskaman.

Scientific points:

1. Possible model of route traffic formation;
2. Results of observation;
3. Recommendation on improvement of the plan, of route orientation of drivers of transport means on the roads of the cities.

Informational basis of research are:

- Standard of Republic of Kazakhstan 1125 - 2002 Traffic signs: Common technical conditions;
- Standard of Republic of Kazakhstan 1412 – 2005 Technical means of traffic organization;
- Rules of The Road of Republic of Kazakhstan.

Work realization. The results of the thesis are used in studying process of department “Transport and logistics”.

Improvement of practical results: The main points and results of the thesis were performed on IX and X Republican scientific conference of the students, masters, postgraduates and young scientists “Creativity of young people to innovational development of Kazakhstan” (Uskaman, April 2009,2010).

Publications. There are 3 printed works are published on the topic of the thesis.

Structure and amount of the thesis. The thesis consists of introduction 4 main sections, conclusion, list of used sources, supplement. It contains 80 pages of the main text, includes 21 tables and 23 pictures.