

# ESTABLISHMENT OF INTERCITY PASSENGER TRANSPORTATION SYSTEM.

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**Annotation:** *In order to properly organize the transportation of passengers in Uzbekistan and to prevent congestion of the population, it is necessary to organize electronic boards at bus stops to regulate the rotation of traffic.*

**Keywords:** *public, transport, service, passenger, quality, transportation, distance, city, bus, route, driver, train, plane, traffic, express, technical, station, department, river, table.*

**Introduction.** Public (communal) transport is a vehicle that provides services for the transportation of people on pre-determined routes, on the method of delivery (vehicle), the amount and form of payment, ensuring regularity, a type of passenger transport as a service area. A common feature of all types of public transport is that its users move in vehicles that do not belong to them (except for travel in their own vehicle as an ordinary passenger). However, the opposite is not true. The category of public transport does not include, for example, school and service buses, internal transport of large enterprises and organizations, military escorts, etc., because they are not officially available to the general public and are not required by them. Elevators and escalators in buildings and houses are generally not classified as public transportation due to the narrowness of their purpose (transporting people inside the building or house). Also, public transport does not include tour buses, fun

boats, etc., as their function is not to transport passengers, but excursions. Long-distance (including transcontinental) passenger transport is currently dominated by aircraft, while intercity trains (mainly high-speed) and buses, as well as medium- and short-haul aircraft and helicopters (the latter being integral) are located in mountainous areas. and in the Far North).

In order to optimize the management structure of urban passenger transport:

- Ensuring the safety of passenger traffic and a high level of passenger service culture, adherence to the rhythm, schedule and intervals of public transport;
- Wide introduction of information and communication technologies, traffic navigation control systems (GRS), installation of electronic terminals recording the arrival and departure times of vehicles on the last flights, increase the level of dispatch control on online routes strengthening discipline in the system of organization of urban passenger transport by road;
- Implementation of a single technical policy and requirements for the use of vehicles, constant monitoring of the maintenance of all-round, modern vehicles, their careful, targeted and efficient use, taking into account the flow of passengers at different times of the day. and development of infrastructure for rational coordination of medium-capacity bus traffic, repair and maintenance of transport;
- Strengthening transport organizations, especially drivers, with highly qualified personnel for repair and maintenance of vehicles, ensuring their systematic training, financial incentives for urban passenger transport staff introduction of an effective system. [1]

Today, more than 3,500 drivers and ticket holders serve 1,350 buses of Toshshahartranshizmat JSC residents and guests of the capital. Last year, public enterprises transported more than 272 million passengers. As a result of measures aimed at renewing the fleet of vehicles, in 2016, eighty medium-capacity Isuzu buses of domestic production were purchased. During this period, “Toshavtotamirkhizmat” provided services to 3470 Mercedes Benz, Truck and

Bus Service to 4850 Isuzu. The installation of GPS trackers and GPS / GSM antennas on 1,442 buses serving the population on the existing 128 routes has improved compliance with traffic intervals, the return of buses for technical reasons and the road the number of violations of the rules of conduct has sharply decreased. In order to create additional convenience for passengers and improve the performance of the GPS system in public transport, the mobile application "Tashbus" was launched. To date, more than 80,000 users have downloaded the application, which runs on Android, Apple and IOS.[2]

**Methodology:** As a result of the analysis of the operation of buses on the route, their range and the exact time of the peak, the loads and the distances from the top to the top. The route survey is conducted by counting and registering the number of passengers at different time intervals, data in the tables prepared during the day, week, month. and also using the method of calculating tables throughout the year. During the day, passenger traffic data will be provided. By expanding the provision of paid services to the population and organizations, including private carriers (rent of production facilities and areas for storage of rolling stock, pre-departure technical inspection and medical examination of drivers, ceremonial events and other activities, advertising and other services) to increase the profitability of financial and economic activities of urban public transport enterprises, to direct the profits to partial compensation of losses from passenger traffic in the city. [3]

**Analysis and results:** Application of electronic boards introduced in Tashkent in Namangan. As a result of the installation of electronic boards, the waiting time of the population will be clearly defined, and the arrival of passenger cars on time will be ensured. As a result, congestion will be prevented. The direction of traffic also plays an important role in ensuring the regular flow of passenger cars. At the same time, at the entrance to the station, the bus or minibus marked on the sign should not be allowed to enter the other direction, ie a car. Follow the schedule and traffic intervals by installing electronic terminals that record the arrival and departure times of vehicles on the

final routes, as well as information boards showing the operating mode, exact schedule and traffic intervals of bus routes at each stop strengthening the discipline of doing. I think that if we find a solution to these problems and organize the movement properly, traffic jams will be prevented.



**Discussions:** In order to increase the efficiency of passenger transport, to further optimize bus routes, to conduct a systematic study of passenger traffic in all modes of public transport, a reasonable number of rolling stock and mode of operation by mode and capacity identify, increase the efficiency of the organization of transportation by approving the passports of urban passenger routes. Funding of a comprehensive inspection of the Department of Licensing and Coordination of all types of passenger transport and the Uzbek Agency for Road and River Transport (for freight) and funds used in accordance with the legislation for the development of passenger transport in the city.

**Conclusion.** The main directions of the reform are to improve the quality of passenger service. This is ensured by using the results of empirical research in passenger transportation. An analysis of the performance of buses on the route suggests that this route may be both attractive to investors and economically

viable for organizations operating with passenger vehicles. In order to ensure this, it is advisable to distribute the routes in a timely manner in order to improve the passenger transport system, given the dense population. Bus schedules work flawlessly in all weather conditions and clearly show the data being transmitted.

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