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## **CAN WIDE ROADS BE A SOLUTION TO THE TRAFFIC PROBLEM?**

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### **Abstract:**

Anyone who travels abroad compares their country and the conditions there. I had such an opportunity during my trip to Turkey. For example, I tried to compare the roads of the two countries.

**Keywords:** Traffic jams, large metropolis, bicycle lanes.

### **Introduction**

#### **Should the road be narrow or wide?**

When we entered the city of Istanbul, we saw that a separate lane was established, where only metrobus and trams travel, and cars were moving on the narrow road beyond it. Like many people, I thought that if the highways were widened in big cities, traffic would be avoided.<sup>1</sup>

The situation is different in Istanbul, a large metropolis. The roads are much narrower compared to the roads in Uzbekistan, the number of lanes is small. Here the question arises: according to the requirements of urban planning, should the roads be wide or vice versa?

Road expert Shuhrat Mirkhojayev gave detailed information about this: "The width of any road depends on the speed of movement of the road. I have a limit. A sharp expansion of city roads certainly does not increase traffic safety, but can cause it to worsen. What for? For example, the speed and duration of a pedestrian crossing the road will be greater. Crossing a wide road takes more time on foot than a narrow road. As a result, the red light of the traffic light burns longer and traffic jams occur on the

road. For this reason, the sharp expansion of roads in cities does not always have a positive effect on vehicle traffic.

In Uzbekistan, the width of road lanes is defined as at least 3.5 meters. But according to modern standards, we are conducting experiments to make the width of road lanes 3 meters. For example, this experience was used on Fergana Road in Tashkent. Why was the width of the road lanes reduced? The reason is that the width of the largest vehicle is 2.25 meters. So, moving within a 3-meter band does not cause them problems.<sup>2</sup>RASM



If the lane is narrower, the driver of the vehicle focuses on the road and moves within its limits. In addition, if each of the 3 strips is shortened from 3.5 meters to 3 meters, we will save 1.5 meters of road. The most important thing is that we will ensure the free movement of the participants of the movement and their safety. In fact, traffic congestion cannot be prevented by widening the road. Traffic jams can be eliminated only by regulating traffic on the roads.

According to the regulatory documents, it is allowed to build a one-way highway with a maximum of 6 lanes in the cities of Uzbekistan. These norms were developed on the basis of former union norms. There is no one-way 6-lane road in Tashkent. In the city of Tashkent, a one-way road is built with a maximum of 4 lanes. It can also be 5-line with additional lines.

The most effective way to prevent traffic congestion in the city is to develop public transport. In the countries we envy, public transport is highly developed. So far, this is not the case in Uzbekistan. That's why many people prefer to travel in their own car.<sup>3</sup>RASM



Creating bike lanes is also a very good solution. Currently, about 100 km of bicycle lanes have been created in Tashkent. But very few people use it. If people develop a culture of going to work and school on bicycles, if the infrastructure and safety of bicycle lanes are fully provided, traffic jams will decrease significantly," says the expert.

You can't break the law even if you don't have a radar

As in Uzbekistan, YPX employees who ensure traffic safety work in Turkey. They process the data online. Every time we stopped; our driver showed the check to the clerk. The driver took out the receipt from a special speed recording device installed near his seat. According to him, this device records when, where and at what speed the car was driven. This device is installed in every car and allows to control the speed of the car even in the area where the radar is not installed. That is, there is no chance for the driver to break the rule. It is clear that this will drastically reduce the risk of traffic violations and possible traffic accidents.

According to the procedure, when YPX employees stop a driver, he issues a check from the speed recorder. If the speed shown on the check exceeds the specified limit, the employee issues an electronic document on his tablet to fine the driver. Otherwise, the driver will be released.

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