

PAPER

USE OF TECHNICAL MEANS IN ORGANIZING MOVEMENT

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Abstract

The use of technical means to organize and regulate traffic is an important topic in today's rapidly interconnected world. With rapid development, population growth, and the increasing demand for efficient transportation systems, the need for efficient vehicle management has never been more important, and technological advances have revolutionized the way we approach and regulate many aspects of our daily lives. Technical tools solution doer role playing from the fields one this the movement organization to grow and order The road movement management from systems logistics and up to transport management was technological solutions the movement management efficiency , safety and general efficiency noticeable at the level increased . In 2022-2025, Uzbekistan In the Republic public safety system develop to the strategy according to , as well as , New Uzbekistan under the circumstances people life and health on the roads every how unhappy from events protection to do guarantee for the purpose of :

Key words: transport, road, event, system, geometric analysis, driver, pedestrian, employee, statistics.

Analysis and results

Road signs should be installed in such a way that their daytime visibility should be at least 150 m, while the distance from which the driver can see the sign installed in a certain area should be equal to or more than twice the speed in this area. At the same time, the speed on newly built roads is 70% of the design speed, and on existing roads the speed does not exceed 85% of the vehicle speed.

In some cases, when it is necessary to determine the distance between the sign being installed and the hazardous area, it can be determined using the following scheme and formulas.

In the area fast of moving vehicles to the speed Looking at it , it is as follows in the table according to the given formula changes .

Table 1

Fast walker of cars average speed						
V_{yp}	km/h	120	100	80	60	40
l	m	254	200	147	99	56

$$I = 0.66V_{yp} + \frac{(0.9V_{yp} - V_2)^2}{25.8(0.0112V_{yp} + 1.24)}$$

Traffic officers must regularly clean road signs and cut down trees that obstruct visibility. Road signs in a row must be installed at least 50 m apart on non-residential sections of roads and 25 m apart in built-up areas. This does not include road signs at intersections .

road signs in a cross-section, the following should be taken into account. It is not allowed to install more than three road signs on one section of the road. Additional information and return signs are not taken into account. In such cases, the signs should be installed horizontally (which is more convenient) or vertically.

Road signs are installed on the right side of the roadway and outside the shoulder (except in special cases).

It is allowed to install road signs on roads (for example, on the streets around the Pakhtakor stadium) during repair or maintenance work or in an operational (operational) state. or temporary signs prohibiting the movement of these vehicles or their movement at all).

In populated areas, traffic signs may be placed on the edge of the road, above the edge of the road, in the upper part of the road (Figure 1.4). In cases where there are traffic islands on the dividing line, the location of the traffic sign is shown in Figure 84g.

The dimensions of additional information signs of the first type are = 600 mm; 900 mm is acceptable. The full dimensions of all

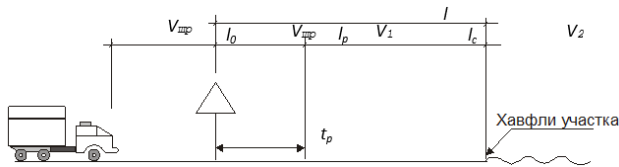


Figure 1. Dangerous from the plot before to be placed road sign distance determination scheme

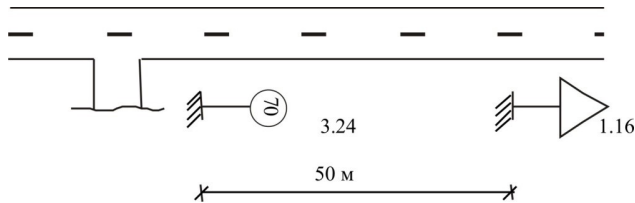


Figure 2. Population uninhabited in places road signs in the plan

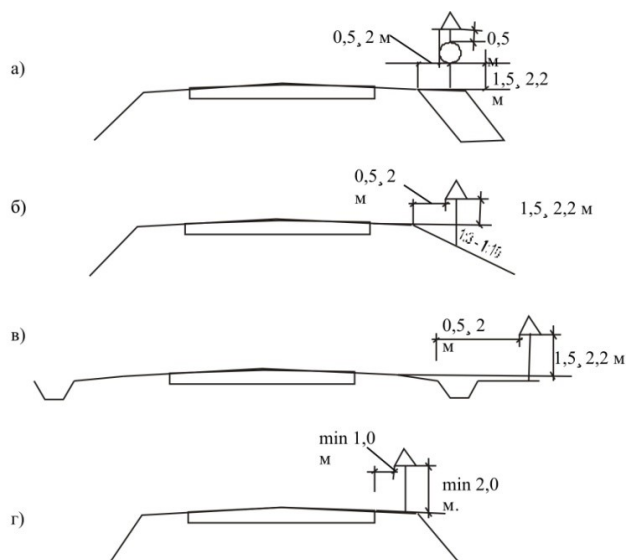


Figure 3. Crossing road signs in uninhabited areas placement in the section

signs are given in GOST 10807-78.

The support of the mark q is buried in the ground to a depth of at least 1.2 m. If this depth is less than 1.2 m, concrete is laid in a circle around the buried part of the support.

Road warning signs inform the driver about dangerous areas ahead.

Road marking coatings play an important role in improving road visibility, especially during inclement weather or at night. These in coatings used reflection provider or aluminum alloy materials appearance increases and bad light road even in conditions signs separate This is an extended appearance to drivers guidance show and them pedestrians transition place, circulation corridors or united rows such as approaching coming from dangers warning for necessary. Population from points outside road signs and lines installation further improvement:

Road signs and road lines good appearance provide for used paints the most high good quality to be need. Then appearance noticeable at the level improves and driver's convenience Especially at night population from points outside see noticeable at the level The paint will deteriorate. quality far time continue will reach.

Road sign with together improved from tools use need, that is sign with together electronic from the lights use the driver very comfortable does.

Also, at intersections installed advertisement monitors brightness and color reduce offer This is the driver. discomfort gives birth.

Road signs reflection provider coatings not only to drivers benefit brings, maybe pedestrians and cyclists also important for safety contribution Addictive. Pedestrians transition places, zebra crossing places and bicycle corridors durable and very visible corridors with marked, unprotected road users for relevant control and protection provides.

That's right designated pedestrians transition places pedestrians crowded on the roads safe to move help gives, unhappy events the risk reduces and pedestrians for comfortable city to the environment contribution Addictive. Unique pedestrians corridors with designated bicycle corridors cyclists motorized from the movement separate stands, their safety increases and more people from bicycles ecological clean mode of transport as to use encourages.

Effective road signs coatings high power and to endurance has to be necessary, especially of transport permanent impact, heavy weather conditions and the streets sweep and snow cleaning such as regular maintenance into account received without. Correct when used and care if done, high good quality coatings heavy to traffic endure gives, decreases against stands and far time during visible stands.

Far term road signs coatings not only often painting necessity reduces, maybe car roads organs and municipalities expenses to save help gives. The way of signs time to pass with clear and understandable to be provide through this surfaces safe and orderly road network in storage important role plays.

Road of signs coatings road movement safety and efficiency increase for inseparable They are tools. to drivers clear visual instruction gives, of the way appearance improves and all road users for safer environment Creates. High quality, durable road to the signs investment enter, path management organs and municipalities unhappy events reduce traffic flow improve and safer for users more convenient transport infrastructure to create big contribution add possible.

Technology and materials in development continue enough that's it, gesture in the coatings last from achievements aware to be This is important. in the field continue arriving research and developments permanent accordingly expanding going road our networks variable needs satisfy for further effective and stable solutions to find help gives and as a result our ways everyone for safer does.

Conclusion and suggestions

Road movement traffic jam and road movement safety with related problems solution in the process of the movement organization to grow and order of the place technician from the means use important importance has. ITS, traffic lights management systems, payments of collection automated systems and transportation management intellectual platforms such as advanced from technologies using, we all road users for safer and more efficient road network our creation possible.

Technological progress road movement to the management our approach fundamentally changed. The path movement safety and efficiency increase for various technician solutions working exited: smart from traffic lights withholding payments of collection automated to systems. This technologies not only the volume of traffic to reduce help gives, maybe unhappy of events prevent to take and traffic flow in storage important role plays.

Traffic organization to grow and order of the place main technician from the means one implementing intelligent

transportation systems (ITS) to grow ITS is real-time traffic flow observation and management for sensors, cameras and communication from technologies uses. Data collect and analysis to do via ITS road movement to the organs valuable information presented to be able it is possible, this traffic flows to them optimization and the oath reduce for reasonable decisions acceptance to do opportunity gives.

Another one important technician vehicle – traffic light management from systems use. This systems adjust signal timing to traffic conditions looking at adjustment for intended and delays minimize and general traffic flow to improve help gives. Flexible traffic light management systems of vehicles intersections through effective movement provide, move order to change dynamic answer to give capable

Road movement safety management according to international experience discussion done differently in other words, foreign in the countries road movement safety provide according to practical measures mainly offenders material responsibility focus about conclusion to do need.

On the roads the movement organization in the process of to the driver convenience create for the purpose road signs and signs further improvement working is issued. This for electronic illuminated or replaceable to the signs has road from the signs use necessary become, way lines good quality paints with painting recommendation is being done.

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