Investigation of possibility of using known geographic information systems to detect elements of road transport infrastructure

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The paper analyzes the characteristics of known geographic information systems and unmanned aerial vehicles in the event of subsequent use of the results of aerial reconnaissance sensing complexes in traffic information systems (DIS). We also consider the possibility of using the known geographic information systems to solve specific problems of road information systems, in particular, the problem of detection (detection) of the elements of road transport infrastructure in the set points of the road network. It was described the necessary additional components for GIS due to the specifics of such problems. One of these components was presented. The ways of further research.

Keywords: geographic information systems, traffic information systems, recognition, road network, infrastructure.

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