

## **Annotation**

In this thesis, the issue of providing VANET network services, its architecture and the relationship between telecommunications, which will increase the efficiency and safety of the road, as well as increase the information content, comfort of the driver of the vehicle, is considered.

For this, an analysis of the principles of the self-organizing technologies was carried out, a design of the designed VANET network was developed, network equipment was selected, VANET network bandwidth was calculated, information distance calculation, the network design in Cisco Packet tracer were calculated.

A feasibility study is provided and life safety issues are considered.