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**THE RECONSTRUCTION PROJECT OF THE ROAD No.1707 VELIUONA –
TAMOŠIAI - GRICIAI SECTION (1.00 KM – 4.50 KM)**

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1. Introduction

Road reconstruction is the substantial reformation of a road. Road is reformed by technical regulations relating it with landscape and not affecting nature's ecological balance. By reconstructing road it is sought to improve the road's performance parameters, raise technical category and ensure that the new road would meet the present and perspective requirements of traffic, administration, culture etc.

A reconstruction project is targeted to:

- Elevate the road to a higher technical category;
- Use as much as possible the old road, so that the consumption of materials, works, finance would be less.

A road net is designed with improved pavement (asphaltconcrete and cementconcrete) density is 3.5 km, for 1000 inhabitants, and 180,4 km for 1000 km². According to this indicator Lithuania lags behind most countries of European Union, therefore according to the program of Lithuanian state business roads' supervision and development 2002 – 2015 m, it is planned to reduce difference between Lithuanian regions, by reducing gravel roads. In 14 years it is planned to reduce the percentage of gravel roads from 43% to 32%. In the program it is noticed that first of all it is necessary to asphalt: gravel roads with heavy traffic, and gravel roads that go through villages or those that connect larger villages with asphalt road net.

Reconstructed road No.1707 Veliuona – Tamošiai – Griciai section (1.00 km – 4.50 km) is located in Jurbarkas district. The pavement of the road is gravel. The road belongs to the "Program of asphalt works on gravel roads in western Lithuania's regions 2007 – 2008 yr".

Considering a 20 years perspective period, traffic intensity on both sides of driving (when an yearly increment of traffic is 2%) is going to be 609 cars per day.

During the reconstruction is supposed V technical category, asphalt's pavement is going to be equipped for safe and good quality of traffic. Furthermore, after equipping asphalt's pavement the ecological situation is going to be better because the next fields' and granges' pollution by dust will be reduced.