

Long Time Monitoring of Biodiversity on D4707 Motorway

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Abstract:

Expressway and motorway roads are often in a collision with migration tracks of various fauna. Monitoring of fauna behaviour is very important precaution of protection. Localization, behaviour and direction and time of migration are among investigated factors. The risk of fauna-vehicle collision should be reduced. Monitoring of fauna behavior can be performed by classical ways and by using camera system. As a part of research project were long time monitored by the first and the second monitoring method sections D4709.1, D4709.2 and D4704 of newly constructed motorway D47 and route I/11 in Czech Republic. The sections were monitored before and during construction of motorway and now they are monitored during the full operation of the motorway. Results from long time monitoring of mentioned sections will be presented in a paper and also using this results will be discussed impact of D4707 on the environment.