



Translated from Bulgarian

REPUBLIC OF BULGARIA
Ministry of Transport, Information Technologies and Communications
Programs and Projects Coordination Directorate

REFERENCE
TO WHOM IT MAY CONCERN

Ministry of Transport,
Information Technologies and Communications
1000 Sofia, 9 Dyakon Ignatiy St.; tel.: /illegible/
Outgoing No. 27-01-53 / 17.06.2014

Re: Contract No. Д-2/16.01.2013 with subject: "Updating the scenario based on the transport model developed using EMME software as part of the General Transport Masterplan" related to defining "bottlenecks" in the transport network.

This reference is issued to confirm that in implementing the above contract, the team of the Institute of Transport and Communications OOD:

1. Updated the transport model by incorporating therein the changes having occurred in the forecasts for the country's economic development and its main trade partners, as well as in the country's transport network and traffic levels, incl.:

- forecast for the change in GDP, trade turnover and fuel prices;
- data from the last census in 2011 and forecast for its change;
- data on traffic and forecasts for the development of passenger and freight transport along the national road and railway networks.

2. Identified the "bottlenecks" on the national road and railway networks (core and comprehensive) on the basis of revised forecasts as of 2020 and 2030 based on the current economic forecasts and the incorporation of completed projects and projects under implementation.

Within the project frames, the Institute of Transport and Communications prepared a national four-step transport forecasting model including:

- updated model of passenger journeys by road and railway transport and a new model of land (road and railway) freight transport as of the base year (2011);
- forecast for the demand for passenger journeys and for freight transport for a 20-year period;
- models of the infrastructure networks (road and railway) as of the base year and as of the forecast years 2020 and 2030;
- assignment of the forecast passenger and freight traffic to the respective infrastructure networks and identification of bottlenecks.

The consulting team of the Institute of Transport and Communications performed the required activities and prepared the above-described model up to quality standards, within the set terms and in compliance with the requirements of the Client, MTITC.

Respectfully,

/Sgt. /

Eng. Galina Vasileva

Director of Programs and Projects Coordination Directorate

Seal: Ministry of Transport, Information Technologies and Communications, Republic of Bulgaria

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I, the undersigned Hristo Zahariev Hristov, do hereby certify that the foregoing translation from Bulgarian into English of the attached document, namely **Reference**, is true and correct to the best of my knowledge. The translation consists of 1 (one) page.

Sworn translator:

Hristo Zahariev Hristov

