



TRACECA Investment Forum

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RECONSTRUCTION OF THE ROAD “BALYKCHY – BOKONBAYEVO – KARAKOL” ISSYK-KUL SOUTHERN SEMI-RING

1. BASELINE INFORMATION

Name of the project: “Reconstruction of the Road “Balykchy – Bokonbayevo – Karakol” Issyk-Kul Southern Semi-Ring.

Sector: Road

Location: In terms of administrative division the road is within the territory of Tonskoy, Jeti-Oguz and Ak-Suy regions of Issyk-Kul oblast of the Kyrgyz Republic being the road of international importance.

2. PROJECT OBJECTIVES

The objectives of the implementation of the Project “Reconstruction of the Road “Balykchy – Bokonbayevo– Karakol” (Issyk-Kul Southern Semi-Ring) 0-221 km” include:

1. Improvement of road communication of the resort zone of Issyk-Kul lake with the Republican oblasts;
2. Improvement of the roadside infrastructure of the Issyk-Kul Ring for further development of domestic and international tourism;
3. Development and growth of industrial production and agriculture and correspondingly, creation of new jobs;
4. Connection of the Issyk-Kul Ring with the roads of Kazakhstan and Russia will make it possible to build through traffic along the route Russia – Kazakhstan – Kyrgyzstan – Tajikistan.

2.3 ASSISTANCE TO THE IMPLEMENTATION OF THE NATIONAL DEVELOPMENT PLAN



TRACECA Investment Forum

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In accordance with the National Strategy of Sustainable Development of the Kyrgyz Republic for the period 2013-2017 “one of the key problems constraining further development of tourism is the low level tourist infrastructure development, absence of quality roadside infrastructure along all roads of the country”.

The road Balykchy – Karakol – Balykchy (Issyk-Kul Ring) with the length of 445 km is located in Issyk-Kul oblast, surrounding the lake of Issyk-Kul, the pearl of Kyrgyzstan with great opportunities for creation of resort and recreation zone (resorts, sanatoriums, holiday houses, etc.).

In the city of Balykchy the section of the road Bishkek – Balykchy – Naryn – Torugart (147-174 km) adjoining the Issyk-Kul Ring connects Issyk-Kul from the west – with Chuiskaya Valley where the city of Bishkek is situated, and from the south – with Naryn oblast and further with the Chinese Peoples’ Republic and Pakistan across the pass Torugart. This road is the only land route to perform carriage of goods and passengers to Naryn and Issyk-Kul oblasts.

3. DESCRIPTION

The length of the road along the South Ring makes around 221,5 km.

The area starts from the round fork of the roads Balykchy – Bokombayevo and Balykchy – Naryn corresponding to 174 km of the road Bishkek – Balykchy – Naryn – Torugart and ends at the northern border with the town of Karakol. This road section passes along the south coast of the lake of Issyk-Kul. High-rise marks of the road section are 1631-1769. In the area of 68 km the road crosses the pass Keskem – Bel at high-rise of 2060 m over the sea level. Within this area there are the following settlements Ottuk, Kara-Shaar, Kara-Talas, Kara-Koo, Kyzyl-tuu, Aksai, Burkut, Tort-Kul, Tosor, Chon-Jargylchak, Ak-Terek, Jenish, Darkhan, Saruu, Kyzyl-Suu, Orgochor, Baltabai, Kytai, Konkin, town of Karakol. All these villages need construction and reconstruction of pavements, stopping areas and enclosed bus stops. The road along its whole length has a concrete pavement.

Given that the road has a concrete pavement all along its length and in view of the lack of funding for the last 25 years capital repairs have not been performed. There are a lot of cracks, pockets, ruts and delamination in the coating.

Carrying capacity of the concrete pavement has been exhausted, as it was designed for the axial loads up to 6 tons. The road pavement has a considerable wear and further road exploitation presents increased danger for the movement players. Due



TRACECA Investment Forum

ID: KG02

to the economic growth the movement intensity correspondingly increases which means the rise of road load accelerating the road destruction.

The width of the road foundation is 10-12 m, the pavement's width is 6.3-9 m. The height of the road embankment is from 0.5 to 7-8 m (in deep ravines). The pavement's surface breakages are seen in cracks, pot-holes, pockets, edges and ruts.

The updated feasibility study of the Project "Construction of the road Balykchy – Karakol – Balykchy (Issyk-Kul Ring)" of the total length of 445 km was elaborated by the research and development institute "Kyrgyzdortransproject" in 2015.

In 2015 on the instruction of the Ministry of Transport and Communications of the KR the institute developed a new construction of the road pavement for the reconstruction of the traffic area and made up the consolidated preliminary scopes of work with accompanying calculations of the estimated cost of the reconstruction of the Ring Road sections given below in the table:

N	Location	from km to km	Length (actual) Km	Total cost In million USD	
				Total	1 km
1	Southern Ring	Semi-Km 0 – 221 km	221,545	257,023	1,16

4. ENVIRONMENT (Ecological aspects)

Environmental assessment and measures for environmental impact mitigation were carried out while preparing the Feasibility Study in accordance with the requirements of the Government of the KR to the environmental protection in designing highways.

All measures envisaged by the project for environmental impact mitigation will promote the improvement of environmental conditions of the highway location area. The contractor should guarantee the works execution in compliance with the code of practice pertaining to the environmental protection requirements according to the Laws of the Kyrgyz Republic.