

## The Project for Avalanche Protection on Bishkek-Osh Road

### Grant Aid Project

#### 1. Project Framework

- (1) **Signed document and date:** Grant Agreement between JICA and Government of KR was signed on 31<sup>st</sup> March 2017.
- (2) **Period of the project:** 2018 – 2021
- (3) **Project Budget:** 4,288,000,000.00 JPY = approx. 40 mil USD
- (4) **Counterpart organization(s):** Ministry of Transport and Roads of KR
- (5) **Experts/Name of the Consultant(s):** CTI Engineering International Co., Ltd. (consultant); Dai Nippon-Iwata Chizaki (contractor)
- (6) **Project site(s):** 246km point of Bishkek-Osh road

#### 2. Project Summary

##### (1) Project Goals:

The objective of the Project is to improve traffic on the Bishkek-Osh road in the winter season by construction of the snow shed, thereby contributing to improvement of road transportation and logistics in the Kyrgyz Republic.

##### (2) Background:

The project area lies at around 246 km southwest from the capital, Bishkek, on Bishkek-Osh Road (total length is about 672 km) which is the most important road in the Kyrgyz Republic. As a part of the Asian Highway, this road has been designated as international corridor (CAREC 3) in order to achieve economic development and facilitation of logistics in whole of Asia.

However, Bishkek-Osh Road passes through precipitous mountains and is very susceptible to disasters triggered by avalanche. Particularly, the project site is highly risky to massive avalanche because it is located on conical slope topography, where the width of the cone is 2 km and the depth is 5 km with an altitude difference (height) of 1,600 m.

Disasters have been occurring at the project area almost every year taking the life of people and causing the road closure. The increase in the road closure to traffic in winter has enormous effect on trade with neighboring countries and transport of commodities within the country.

In this regard, in July 2012 the Government of the Kyrgyz Republic had requested the Government of Japan (GOJ) to extend a grant aid for construction of an avalanche protection facility on the Bishkek-Osh road.

##### (3) Activities:

- Construction of snow shed (arch culvert type) at 246km point of Bishkek-Osh road
- Construction of the access roads on both sides of the snow shed
- Consulting services

##### (4) Outputs:

The snow shed with length of approx. 460 m.

The access roads with length of approx. 500 m.

3. Photo

