

BİLECİK UNIVERSITY BOX GABION RETAINING WALL CONSTRUCTION

BİLECİK, İÇ ANADOLU, TURKEY

Mass Gravity Retaining Walls

Problem

Several landslides have occurred in the sloped land area due to the elevation difference in the area where the Bilecik University Olympic Field will be constructed.

It was not appropriate to start the Olympic field construction before the problem occurring around the field is solved.

Solution

Field investigations were carried out by Maccaferri Turkey engineers to solve the problem. As a result of this investigation, it has been observed that the landslides has occurred due to internal stability problems.

After the field work, it was decided to build a retaining wall to solve the problem. However, it was necessary to build the retaining wall to look aesthetically compatible with the Olympic field.

For this reason, it was decided to build a retaining wall that will work with Box Gabion as a weight structure. In addition, the slope of the wall to be made with box gabion was given towards the land, allowing seating areas to be built on Box Gabions after the construction.

Client: BİLECİK ÜNİVERSİTESİ

Designer / Consultant: MACCAFERRI TURKEY

Contractor: HEKTAŞ İNŞAAT TİC.VE SAN. A.Ş.

Products used (Qty.)

- Gabion 1500

Date of construction: 07/2012 - 11/2012



Box Gabion Retaining Wall



Box Gabion Retaining Wall



Box Gabion Retaining Wall



Box Gabion Retaining Wall



Box Gabion Retaining Wall

