



Export Road Repair Work in Jiasian Weir

Location: Jiasian, Kaohsiung City

Application: Reinforcement Wall



Problem :

The water diversion project between Jiasian Weir and Nanhua Reservoir can provide the livelihood water and industrial water for Tainan and Kaohsiung. Because the slope landslide cause by Morakot hurricane interrupted the contact road. In order to restore the contact road, some repair work required to be carried out.



Solution :

The construction was carried out by using pile foundation and the reinforcement slope construction methods.

The green construction including using wrap-around reinforcement wall with ACEGrid® which can perform well in carbon reduction. The construction also used high-performance drain, anti-erosion bag, three-dimensional rectangular cone vegetation net. After construction, the reinforcement structure was stable and good vegetation growth, which is conducive to the growth of native plants and animals habitats. At the same time, the green structure integrated well with the local environment.