

ROMBLON DEO TABLAS CIRCUMFERENTIAL ROAD

TABLAS, ROMBLON, REGION IV-B, PHILIPPINES

Debris Flow Barriers

Problem

Romblon Deo Tablas Circumferential Road is a coastal road circum-navigating the island of Tablas, Province of Romblon. In the past, the road had suffered from temporary closures after heavy typhoons brought about by debris (logs and woods) that are carried by flood waters from the upland areas. These debris are the product of the clearing and cutting down of trees in the upland areas for cultivation purposes (a traditional but destructive agricultural system).

Solution

The road is the main thoroughfare of the Tablas Island. In order to protect the road and ensure serviceability after a typhoon, Maccaferri proposed the installation of two sets of debris flow fences located at 90 meters and 130 meters from the circumferential road; respectively. The barriers have a width span of 25 meters and height of 4 meters and has the capacity to withstand a maximum pressure of 160kPA.

Client: Department of Public Works and Highways

Designer / Consultant: Department of Public Works & Highways

Contractor: Legacy Construction / Mortar Masters

Products used (Qty.)

- Debris Flow Barriers n/a

Date of construction: 09/2018 - 02/2019



Before Construction



Before Construction



Completion



Completion