

## ROAD EMBANKMENT REINSTATEMENT SEREMBAN, NEGERI SEMBILAN, MALAYSIA

### Reinforced Soil Walls and Slope Reinforcement

#### Problem

The slope failure along Felda Sendayan Road had caused inconvenience to the road users as this road connects to two major towns - Labu & Sendayan, thus Jabatan Kerja Raya (JKR) Negeri Sembilan classified this slope remedial project as emergency works and instructed a turnkey contractor to propose a retaining wall system that can be constructed in a very short period of time.

Entrusting in years of experiences with Maccaferri in providing technically sound solutions, the consultant invited us to submit a proposal. We proposed Terramesh Mechanically Stabilized Earth (MSE) Wall because the structure is to be constructed near a waterway.

#### Solution

After evaluating the total cost of construction and the work program to reinstate the slope using Terramesh against other systems. Terramesh was adopted; reasons being no excessive foundation treatment is required and the estimated construction time is the shortest among other systems.

In proven actuality, the contractor completed the slope reinstatement works (710 m<sup>2</sup> of Terramesh MSE Wall) within two and half months with ease.

**Client:** Public Works Department Negeri Sembilan

**Designer / Consultant:** ENDEAVOR CONSULT

**Contractor:** PARAGON COSNT. & LANDSCAPE SDN BHD

**Products used (Qty.)**

- Terramesh 710 M2

**Date of construction:** 01/2004 - 04/2004



During Construction



During Construction



after construction