CASE HISTORY
Ref: MM010 — Rev:00, October 2000

BRIDGE ABUTMENT
HULU SELANGOR, SELANGOR, MALAYSIA

GEOTECHNICAL ENGINEERING
Product: TERRAMESH

Problem
As works have to be completed on fast track basis, the client has agreed to adopt our Terramesh System which would be used as a temporary bailey bridge. This is to allow demolition of the old bridge and, subsequently, construction of a new bridge to take place. The time used to construct both sides of the bailey bridge abutment using this Terramesh System was merely 3 weeks.

Solution
Apart from its fast-paced installation and construction, Terramesh was chosen because of considerable savings in the overall cost.

The Terramesh boosts a height of 7m for both sides of bailey bridge abutment. This structure was also designed to take loads up to 150 kPa as long trailers transporting Perodua Car ply there regularly.

Before construction

During construction

After construction

Client:
JABATAN KERJA RAYA (JKR) SELANGOR

Main contractor:
SURIA SEPAKAT SDN BHD

Consultant:
HR RUNDING

Products used:
TERRAMESH

Date of construction:
MARCH 2000

Maccaferri (Malaysia) Sdn Bhd
Unit 511, Block G, Phileo Damansara 1, No. 9, Jalan 16/11, Off Jalan Damansara, 46350 Petaling Jaya, Selangor, Malaysia
T: +(60-3) 7955 7800  F: +(60-3) 7955 7801
E: mm@maccaferri-asia.com
www.maccaferri.com.my