MACCAFERRI

CASE HISTORY

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ROAD REMEDIAL WORKS AT PONTIAN DISTRICT

PONTIAN, JOHOR, MALAYSIA

Sub-grade Improvement

Problem

Frequent localised settlements along the road at Pontian District of Johor were caused by soft ground below the road.

Solution

A layer of MacTex WF geotextile was laid on top of the subgrade to separate the soft ground layer; and to provide reinforcement to the road base above. Crusher run was laid on top of the geotextile followed by binder course and wearing course.

Client: JKR

Designer / Consultant: B&D Maju Jaya Enterprise

Contractor: B&D Maju Jaya Enterprise

Products used (Qty.)

- PP/PE Woven Geotextiles	MacTex W1 (5200 sqm)

Date of construction: 05/2021 - 05/2021

Google Maps Google Earth



Laying of Geotextile as subgrade stabilisation



Laying of Geotextile as subgrade stabilisation



Settlement and cracking of asphalt pavement.



Settlement and cracking of asphalt pavement.

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