MACCAFERRI

CASE HISTORY

Rev: 2, Issue Date 16.10.2024

REHABILITATION OF NAYPYIDAW CITY ROAD

NAYPYIDAW, NAYPYIDAW, MYANMAR

Asphalt Pavement Reinforcement

Problem

Traffic volumes on Naypyidaw roads have significantly increased over the coming years. These high levels of traffic loading, particularly from heavy commercial and transport vehicles, put considerable strain on the road overall capacity. Visual observations were carried out along the entire road examine pavement distress and functional efficiency. The existing pavement condition was assessed moderate to severe surface distress or failure and hence, resurfacing was required.

Solution

Maccaferri proposed MacGrid ARVG 5 at the severely cracked locations. MacGrid AR is planar structure consisting of glass fibre strands arranged in a grid shape with squared polymeric coated mesh and with a pressure sensitive adhesive. The coating applied on glass fibre shall be bitumen compatible and shall be pressure sensitive.

Client: Ministry of Construction

Designer / Consultant: -

Contractor: Ministry of construction

Products used (Qty.)

- MacGrid AR	ARVG 50 - 1mx100m x 100 rolls

Date of construction: 01/2024 - 06/2024

Google Maps Google Earth



site photo



site photo



site photo



site photo

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