



# Engineering Modular Services Pavement



**OPUS Consultants** 

Pioneering Sustainability Solutions and Redefining the Boundaries of Innovation

## Empowering Safety: Assess Today, Protect Tomorrow!

Pavement Rehabilitation & Structural
Overlay Design

Since its inception, we have been actively involved in Pavement Rehabilitation and Structural Overlay Design mainly for PLUS Expressway. A major portion of the pavement work is derived from a pavement rehabilitation program which has been drawn up based on a Pavement Management System used in conjunction with Pavement Condition Surveys on the PLUS Expressway.

Substantial savings can be made if pavement repair works are managed well e.g. total reconstruction can be avoided if timely repair works are carried out and an optimised structural overlay design is used. Highway agencies will do well if there is advice on how to utilise their funds on optimised pavement repairs.

### **Our Services**

Our services include the following areas:

- Pavement Condition Assessment
- Axle Loads Studies
- New Pavement Design
- Pavement Rehabilitation and Structural Overlay Design
- Life-Cycle Cost Analysis
- Pavement Management System
- Pavement Supervision Works

**OPUS** partners with you to identify the most cost-effective comprehensive pavement rehabilitation & structural overlay design approach that meet funding limitations, focusing on enhancing the durability and safety of road networks through innovative and sustainable practices.

With our dedicated team of experienced engineers, coupled with our cutting-edge hardware and state-of-the-art design software, We are committed to deliver our services to meet our Clients' objectives.

## **Sustainable Practices for a Resilient Future**

## Why Choose OPUS

- Our team consists of certified professionals with extensive experience providing innovative solutions tailored to your specific needs
- We deliver integrated approach ensures that every aspect of our project is handled with care and prevision, resulting in seamless execution from concept to completion.
- Our dedication to quality is unwavering, ensure that all projects meet stringent safety standards and delivered on time and within budget
- We believes in fostering strong partnerships with all stakeholders, leading to better decision-making and successful outcomes

North-South Expressway, North-South Expressway Central Link, Malaysia-Singapore Second Link, East-Coast Expressway, Senai-Desaru Expressway, State Road of Sarawak, Miri Division Pavement Structural Overlay Design





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Learn more about OPUS Consultants at www.edgentaopus.com

