



**Driving Innovation**  
in an ever changing world

## Consultancy

WDM® is the UK's leading provider of highway surveys and monitoring equipment. To enable our clients to maximise the use of survey data the WDM® consultancy services was established over 20 years ago. This group has a unique understanding of highway asset management.

The Consultancy team is led by professional civil engineers working within an ISO 9001:2015 quality system and provides specialist assistance and support to central and local government and the private sector to manage their highway assets.

The Consultancy team is experienced in producing cost effective solutions and expertise covering asset management; condition assessment, skidding resistance policies; financial modelling and scheme identification.

WDM® has worked for many years in New Zealand, giving the Consultancy team insights into the different approaches to asset management in New Zealand, Recent experience from the USA is helping develop new analytical techniques.

As new techniques are introduced for condition assessment it is important to maintain high quality data standards to allow assessment of trending in condition and to explore how data can be best used for scheme identification, condition modelling and environmental impacts.

The WDM® Consultancy team has extensive experience of implementing skid policies tailored to the needs and resources available to a range of highway. Standards can be set either

by benchmarking against similar networks, using national standards, or by evaluating contemporary crash records and skid resistance.



### Analysis & Reporting

The WDM® Consultancy team has a detailed knowledge of structural deterioration of flexible pavements. It has in-depth expertise of analysing Deflectograph survey data measurements to define structural strengthening requirements.

The link between reduction in road condition and an increase in routine maintenance costs has been persuasive, but largely based on anecdotal evidence. The Consultancy team has developed procedures for quantifying that relationship, which can be used in the argument for capital funding to save on routine budgets later.



### Scheme Identification & Prioritisation

Implementing an effective Highway Asset Management Strategy relies upon robust systems for scheme identification and assessment. Highway authorities need to demonstrate medium term programmes based on evidence.

