Highway authorities across the USA face an almost impossible challenge – how to maintain their road network and meet performance targets, while satisfying user expectations, all at the lowest possible cost.

Highway maintenance management might sound simple, but maintaining roads in a safe condition is no accident.

Not surprisingly, authorities often engage specialists to help them meet that challenge and WDM USA provides the ultimate support package.

As designers and manufacturers of a comprehensive range of advanced technology equipment, WDM® is uniquely placed to deliver the complete range of software and surveying services to assist in the management of highway related assets.

WDM USA has unrivalled worldwide experience and expertise in pavement and highway asset management systems. Its consultancy service covers planning and provision of surveys, performance modelling and indicator evaluation and production.

The synergy and flexibility offered by the WDM USA joined up approach gives customers security, peace of mind and reliability, as well as minimum cost solutions.

WDM USA continues to develop pavement monitoring technology, set new industry standards and help clients and partners in the USA, UK and overseas, achieve new levels of best practice.
Equipment
WDM USA, through its parent company in the UK, is widely recognised in the field of survey equipment design. Its engineers are specialised in three main areas – mechanical, electronic and signal processing and high speed video and image detection. The Company also has an exclusive worldwide license for building the SCRIM® road survey machine to measure wet road skidding resistance. Its TM2 texture meter has been used in Florida for several years.

Surveying
A fleet of vehicles provides a safe, reliable and cost effective assessment of road condition, delivered by expert operators using an ISO 9001:2000 third party accredited quality system. This includes Scanner, SCRIM® and Visual Condition Surveys.

Consultancy
The WDM USA consultancy service is operated under the direct responsibility of chartered civil engineers, who have worldwide reputations in highway maintenance and management systems.

Software
Integrated asset management systems link condition data with accidents, structures, customer services, inventory, routine maintenance, work orders, street works and street lighting. Applications use server based technology and configurations range from corporate server farms to standalone PC’s.

Support
Software users have access to a telephone helpdesk and meet every six months to discuss and steer further development. Software downloads, documents and discussion forums are also available at the Company’s secure support site.

Application Hosting
The Company provides application hosting facilities for some of its major clients, which allows access to the complete integrated asset management software via the internet.

Worldwide
There are currently 17 SCRIM® road survey machines operating in the UK, and more than 30 operating abroad covering the USA, Italy, Spain, Belgium, France, Portugal, Slovenia, New Zealand, Australia, Canada, China, Argentina and Chile. The parent company also has a base in New Zealand where it has been surveying the road network since 1995. Since SCRIM® machine surveys were introduced there, the number of skid related fatalities has fallen by nearly 40%, with a benefit/cost ratio of up to 35 to one.