



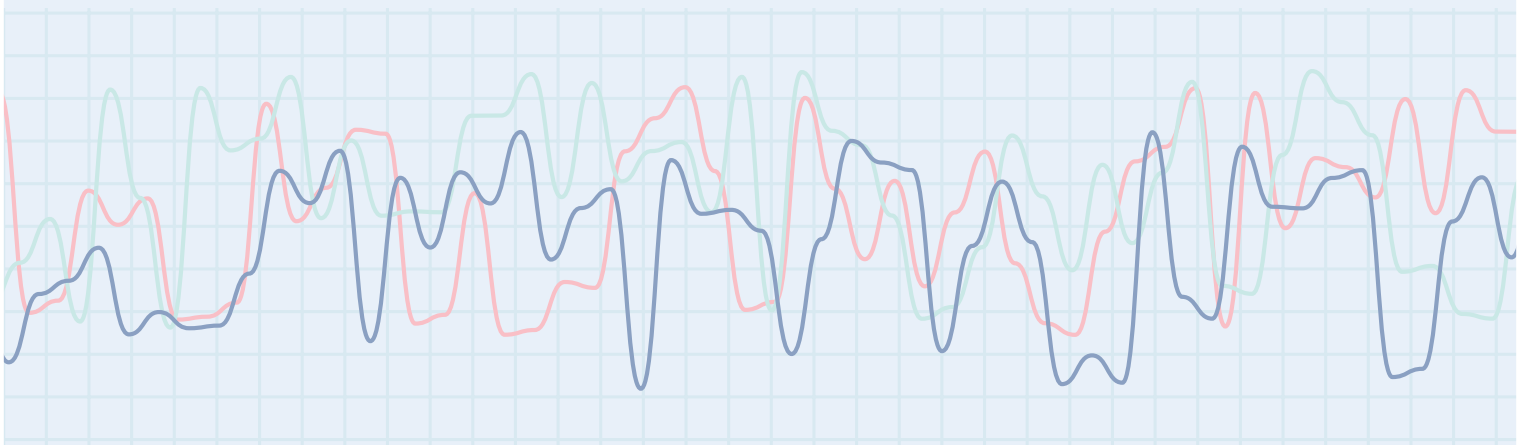
# Data collection



- What is the current health of your network?
- Are the roads you are responsible for safe and operational?
- Can you make informed decisions about maintenance need based on transparent data and information?
- Do you allocate your maintenance budget in the most cost effective manner?
- Can you effectively compete with other community services for maintenance funding?

Quality road condition data is crucial in achieving best value in the operation, management and maintenance of your road network.

Accurate and relevant data captured via regular surveys can be used to identify and quantify annual budget requirements and establish maintenance need. Whether you require a large-scale network survey or a ride quality test, ARRB can offer a tailored solution that is targeted towards satisfying your requirements.



## Flexible survey equipment configurations that deliver meaningful data and information



## Collaborating with the road industry to turn knowledge into practice

### Features and benefits:

- flexible survey equipment configurations that deliver meaningful outputs
- capture of a range of essential parameters for road pavements and footpaths, including surface and strength characteristics, that enable effective asset management practices to be adopted
- independence to provide unbiased advice
- third-party accreditation ensures quality and reliability
- a pool of experts available to provide internationally recognised understanding and interpretation of the collected data
- safe capture, repeatable and reliable data acquisition.

### Applications:

- informed decision making with regard to achieving optimal maintenance activity
- quantification of current network condition for effective asset management practice
- spatial representation of network inventory and condition to facilitate executive level reporting
- quality assurance of newly constructed pavements.

### Outputs:

- longitudinal and transverse profiles, roughness, rutting, texture, crack detection, cross-fall, slope, grade, advisory speed, pavement deflection and strength characteristics, remaining life, digital images, visual condition assessment, inventory identification
- all parameters geospatially and linearly referenced to client's defined network

- various file formats to conform to client's specifications and for utilisation in existing asset management systems and GIS applications.

ARRB Group maintains a fleet of 10 dedicated vehicles with various equipment configurations including network survey vehicles with ARRB's own Hawkeye 2000 range of products.



### ARRB data collection services include:

- network and project level structural assessment
- network and project level automated pavement surface assessments
- network wide safety risk assessment of physical characteristics
- road geometry and mapping surveys
- digital imaging, inventory and condition assessment
- road construction quality testing.

### ARRB data collection is able to deliver:

- relevant, complete, current and quality asset management data and information that enables a network manager to efficiently manage their network to achieve best value
- reliable cost-effective solutions
- access to experienced and knowledgeable employees who regularly capture and apply data.



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