

Intelligent Transport Systems Policy

Main Roads is committed to increase the adoption of ITS solutions into our existing and future transport infrastructure assets and operations.

Intelligent Transport Systems (ITS) are defined as roadside technologies, and control and data systems used for the purposes of:

- increasing safety, improving efficiency, and enhancing reliability of the transport network
- improving the mobility of people and goods
- meeting transport policy goals and objectives

Intent

To support the successful implementation of technology to deliver world class mobility for Western Australians across a smart, safe, reliable, sustainable, optimised, and resilient road network.

Objectives

The objectives of this ITS policy are to:

- Maximise safe mobility for our customers and road workers.
- Improve the efficient and reliable movement of people and freight, and reduce travel delays.
- Optimise real-time management of the network and provide improved traveller information.
- Enable and improve data-driven decision making in planning, development, delivery, operation and maintenance of the road network.
- Improve regional resilience contributing to the State's economic prosperity.
- Support the delivery of sustainable transport outcomes and value for money in the implementation of road-based transport projects.
- Improve the sustainable management and operation of existing Main Roads assets through targeted, fit-for-purpose implementations.
- Support the roll out of Connected and Automated Vehicles in Western Australia.
- Meet new and evolving expectations of our customers.



Des Snook

A/Managing Director of Main Roads

Principles

This policy is underpinned by the following principles:

- ITS will enhance the safe and efficient movement of people and freight by enabling a holistic integrated transport system.
- Delivery of ITS solutions will be guided by this policy, and the ITS Planning, Development, and Implementation Framework.
- Planning, development, implementation and operation of ITS solutions will follow appropriate governance to ensure consistent high quality, and a seamless, harmonious customer experience.
- ITS projects will take into consideration national and international best practice in ITS and ICT architecture, systems engineering, operations, security and maintenance.
- We will keep abreast of the latest trends, technology and innovation in ITS to better meet the needs of our customers.
- We will invest in development of our people and support the industry to research, trial, plan, develop, implement, operate, and maintain appropriate ITS solutions now and into the future.

This policy is reviewed every three years or as required to ensure it is relevant to business and operational obligations.