



Towards Best Practice in Management of Road Pavement Assets

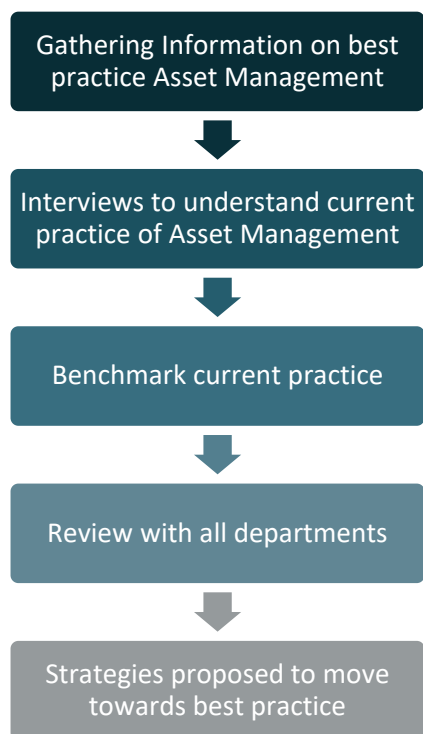
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WARRIP aimed to provide a current status assessment and proposed improvements to Main Roads Western Australia (Main Roads) processes and tools in order to ensure continuous improvement of the Asset Management practices. This involved a review and benchmark of the Main Roads current processes.

Background

With the introduction of new data collection technology and the development of pavement deterioration models and best practice in asset management, WARRIP sought to review and benchmark the Main Roads current processes related to the management of its pavement assets. By undertaking such a review, Main Roads has an opportunity to establish a continual program of improvement across its systems and processes that will ensure the agency is applying current best practice and establishing a solid foundation for its future pavement asset management practice.

Approach



The overall direction and practice of pavement AM is consistent with the Austroads Guide to Asset Management and for the most part borders on best practice.

Next stage

- Focus on internal capability on a sustainable basis, including the deployment of hired-in mentors and specialist staff to build capability in depth throughout the regions
- As this process is a continuous improvement activity, regular reviews and audits will need to be scheduled to track progress.
- Focus on overall AM system improvements which deliver the best economic return to Government and the community; there is a need to distinguish between different regions and focus on practical whole-of-life cycle treatments which maximise the return on investment.

Findings



At an organisational level Main Roads demonstrates substantial progress in achieving consistency and alignment with ISO55001.

How does this research change the way we think?

It ensures Main Roads current pavement asset management systems and processes are consistent with best practice, and (alongside regular reviews) that this can be continued into the future.