



Asset Preservation Case Study Development and Training for Practitioners Stage 2

Reference: 2022-001 Published: October 2024

This project aimed to develop a training program in maintenance and asset management for Main Roads WA staff in the most effective delivery of their services.

Background

A range of challenges in the economy, climatic events, resourcing and technologies have seen the need for Main Roads WA practitioners to improve their skills and knowledge in the use of proven practices. This includes understanding road repair and rehabilitation needs, the range of options for preservation and renewal of road assets, and optimising the use of resources.

Approach

A training workshop was developed as a joint effort between Main Roads WA and NTRO, with significant content provided and delivered by Main Roads WA experts. Subjects included:

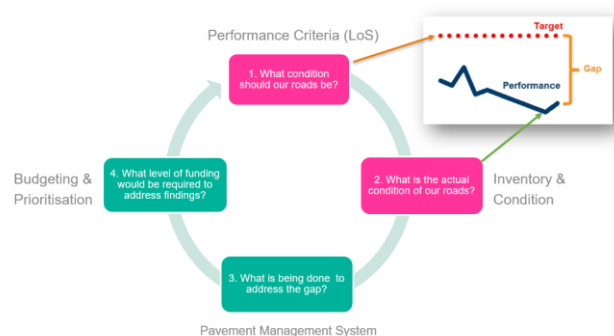
- strategic asset management
- levels of service
- the Ten Year Network Development Plan
- pavement rehabilitation methods
- prioritising resurfacing
- the project submission process
- performance monitoring
- the use of systems in the above processes like IRIS and MMIS

Regional focus

Two workshops were delivered for this stage 2. A workshop in Broome was delivered to staff from the

Pilbara and Kimberley regions, and a workshop in Albany was delivered for the great Southern region.

Periodic maintenance framework



Source: NTRO 2023

Workshop Outcomes

The workshops were successful with positive feedback received.



Training on asset preservation practices will proceed for the remaining regions



New training materials will be prepared in data analytics methods

How does this project change the way we think?

The collaborative effort in developing training content enabled the team to cover detailed content for MRWA systems while ensuring a national overview was retained.

The approach of having workshops in different regions over time enables stronger relationships and connections to form in the sharing of information.