



Communicating Sustainable Maintenance Funding Levels to Decision Makers and the Community

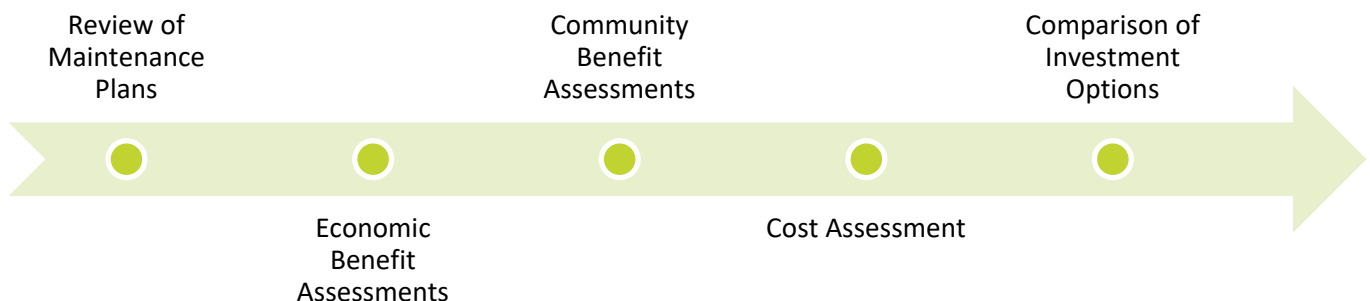
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This project aimed to assist Main Roads Western Australia (Main Roads) to clearly communicate optimal maintenance funding levels so that informed decisions regarding funding allocations could be made. WARRIP analysed results of State audits, data from internal Main Roads reviews, and maintenance data against best practice and the operational asset management framework. Data was critically reviewed to gauge effectiveness of current funding.

Background

Ensuring that maintenance of the road network is appropriately funded so that timely interventions maximising the life of pavements are undertaken, is vital to keeping our roads safe, sustainable and cost effective. Choosing what activities need to happen when, prioritising roads and utilising best practises fall within asset management responsibilities. Reviewing how well asset management programs utilise funds and whether the current funding level allows for optimal investment in our road network was needed to build a case for either maintaining or expanding budgets.

Approach



Findings

- Strong justification for pavement rehabilitation, with the review and analysis supporting the Main Roads business case considering vehicle operating costs, crash cost savings from reduced roughness and residual value of assets.
- Currently Main Roads has well developed plans and modelling tools which has supported the findings of this project.

Next stage



This project has demonstrated the effectiveness and ongoing need for adequate maintenance funding for WA roads.



The project team will work to disseminate findings and effectively communicate them to the target audiences.

How does this research assist Asset Managers?

It demonstrates the value that appropriate funding for Main Roads pavement rehabilitation provides to the community.