

Wayside Vegetation

Properly maintaining vegetation around our transport corridors is critical to sustainability and the safety of our local communities.

Wayside vegetation, the vegetation along road, rail and other linear infrastructure, is of key environmental and social significance. Best practice design and effective management ensures long-term ecological sustainability and biodiversity in our Australian landscape, as well as keeping local communities safe – especially in rural and regional areas.

The National Transport Research Organisation (NTRO) recognises the importance and impacts of wayside vegetation is along transport corridors and networks in a Local Government context. Underpinned by over 60 years of history as the Australian Road Research Board (ARRB), the NTRO can assist Councils to best consider, plan for, design, construct, maintain and manage wayside vegetation.

NTRO is exploring the possibility of creating a comprehensive guideline on wayside vegetation management in a Local Government context.

THIS GUIDE WILL COVER

The Best Practice Guideline for Wayside Vegetation Management will consider existing state-based and local government guidelines, and harness the most effective aspects of these practices while providing new and innovative practice with the consideration of a changing climate and sustainability.



How to define wayside vegetation, and how the management of wayside vegetation management fits within the road corridor



Asset management practices for wayside vegetation, including the development of a vegetation management plan



How design for wayside vegetation is undertaken, from an environmental perspective (including fauna sensitivity, climate change sensitivity)



How wayside vegetation needs to be considered during construction practices



How wayside vegetation should be maintained and considered during asset maintenance

HOW WE CAN HELP LOCAL GOVERNMENT



IMPACT ANALYSIS OF WAYSIDE VEGETATION

Ecosystem services
Road safety benefits
Safety impact mitigation



ASSET MANAGEMENT

Best practices
Management plan
Environmental impact assessment



DESIGN

Design process
Specific design elements
Revegetation



CONSTRUCTION, OPERATION AND MAINTENANCE

Best practices
Short and long-term considerations

CONTACT

SUSTAINABILITY AND MATERIALS PERFORMANCE

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