

The following images were taken directly from the star rating software. They illustrate the range of road design features that exist on the AusLink National Network in NSW.

★★★★☆



**WestLink M7** — Good horizontal alignment, good delineation, divided, overpass intersections and excellent overtaking opportunities

★★★★☆



**Pacific Highway south of Nambucca Heads** — Innovative use of wire rope barrier to create a divided road, good delineation, moderate roadside severity, gradual bend

★★★★☆



**F3 south of the Hawkesbury River** — Severe roadside conditions, good alignment, divided, excellent overtaking opportunities, mountainous terrain

★★★★☆



**Newell Highway north of Finley** — No delineation, unsealed shoulder, undivided, good roadside condition and good horizontal alignment

★★★☆☆



**Barton Highway near Murrumbateman** — Severe roadside condition, undivided, good delineation and good horizontal alignment

★★★☆☆



**Mitchell Highway west of Orange** — Poor delineation, poor horizontal alignment, undivided, no overtaking opportunity

# Safer Roads SAVE LIVES:

Star ratings for the AusLink National Network in NSW



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September 2007



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Star ratings	Percentage of network
★★★★★	0%
★★★★☆	24%
★★★☆☆	68%
★★☆☆*	8%
★☆☆☆☆	0%



## What is AusRAP?

The Australian Road Assessment Program (AusRAP) is a sister program to the Australasian New Car Assessment Program (ANCAP), which crash-tests new cars and awards them stars for safety. AusRAP produces maps showing the risk of road crashes that cause death and life-threatening injury and rates roads for safety. It highlights improvements that could be made to roads to reduce the likelihood of crashes — and to make those that do happen survivable.

AusRAP has two standard protocols — risk mapping of casualty crashes and star ratings. Colour coded risk maps use real crash and traffic flow data to illustrate a road’s history of safety by measuring and mapping casualty crash rates along a route.

AusRAP star ratings (shown in this brochure) involve a “drive through” inspection in vehicles specially equipped to capture video images of the roads. From this information, analysts assess design elements which are known to have an impact on the likelihood of a crash and its severity, such as lane and shoulder width, whether or not the road is divided, and the presence of safety barriers. Between 1 and 5 stars are awarded to roads depending on the level of safety which is ‘built-in’ to the road.

## Why has AusRAP been formed?

By giving roads across Australia a safety rating, AusRAP will make the risk of death and injury on different roads more meaningful and stimulate public discussion — and action. It will help road

users understand how risk can vary according to changes in the road environment. Risk-aware road users will be more likely to adapt their driving to reduce their risk of a crash.

The ratings will also provide road planners and engineers with vital benchmarking information to show them how well, or badly, a particular road performs compared with others.