

Heavy Haulage on Local Road Networks

“Strategically managing the network..”

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Introduction

- Restricted Access Vehicles
- Balancing Competing Priorities
- Road Asset Management
- Local Government's Role in Heavy Vehicle Management
- Creating Sustainable Heavy Vehicle Access; funding and access arrangements
- Austroads Research Report: Guidelines for Heavy Haulage

Balancing Competing Priorities

While protecting the health and safety of transport system users

Without consuming excessive resources

To provide access to the goods that people want when they want them

Without causing avoidable damage to the physical environment

While preserving residential amenity and respecting other social values

Setting the Scene

What are General Access Vehicles and Restricted Access Vehicles (RAVs)?

A vehicle is classed as Restricted Access Vehicle (RAV) if that vehicle alone or together with any load, exceeds one or more of the following limits:

- mass limit prescribed in Part 3 of the *Road Traffic (Vehicle Standards) Regulations 2002*; or
- one of the following dimension limits:
 - a width of 2.5 metres;
 - a height of 4.3 metres;
 - a length of 12.5 metres in the case of a motor vehicle that is not part of a combination; or
 - a length of 19 metres in the case of a combination;
 - any other dimension specified in the *Road Traffic (Vehicle Standards) Regulations* or the *Road Traffic (Vehicle Standards) Rules 2002*.

Setting the Scene

Who determines RAV access?

Under the Road Traffic (Vehicle Standards) Regulations 2002 the Commissioner of Main Roads has the sole power to issue notices or permits to allow restricted access vehicles access to any road available for use by the public (i.e. whether the responsibility of a State instrumentality, a Local Government or a third party).

There is no reference to local government within current legislation. However, Main Roads WA seeks the approval of the local government asset owner prior to granting or refusing access to a local road.

Setting the Scene

Role of HVO Regulating and Enforcing RAV Access

Access Planning

- DEVISE PRODUCTS

Notices and Permits

- DELIVER
PRODUCTS

Compliance and Enforcement

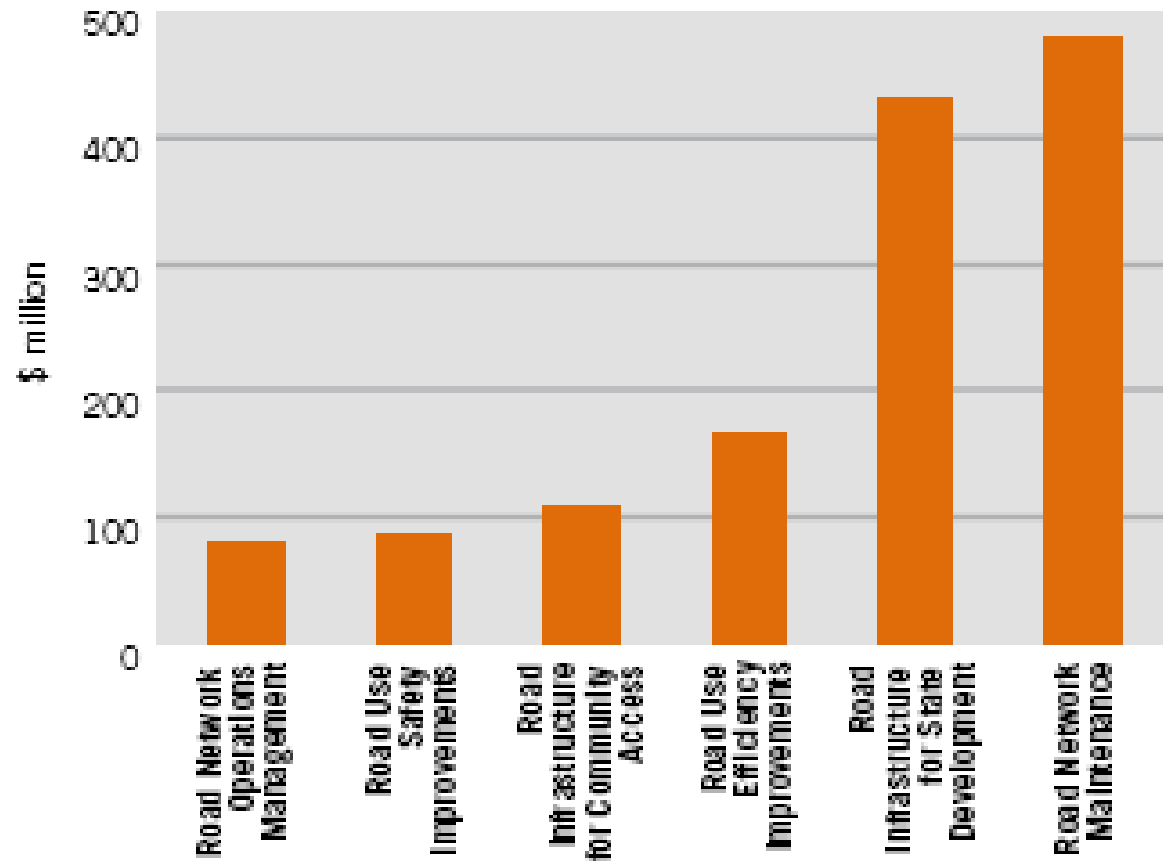
- ENFORCE
PRODUCTS

We aim to minimise the road impact from RAVs through the development of products, services and enforcement.

- Permits
- Concessional loading
- Compliance and Enforcement
- Communication Initiatives

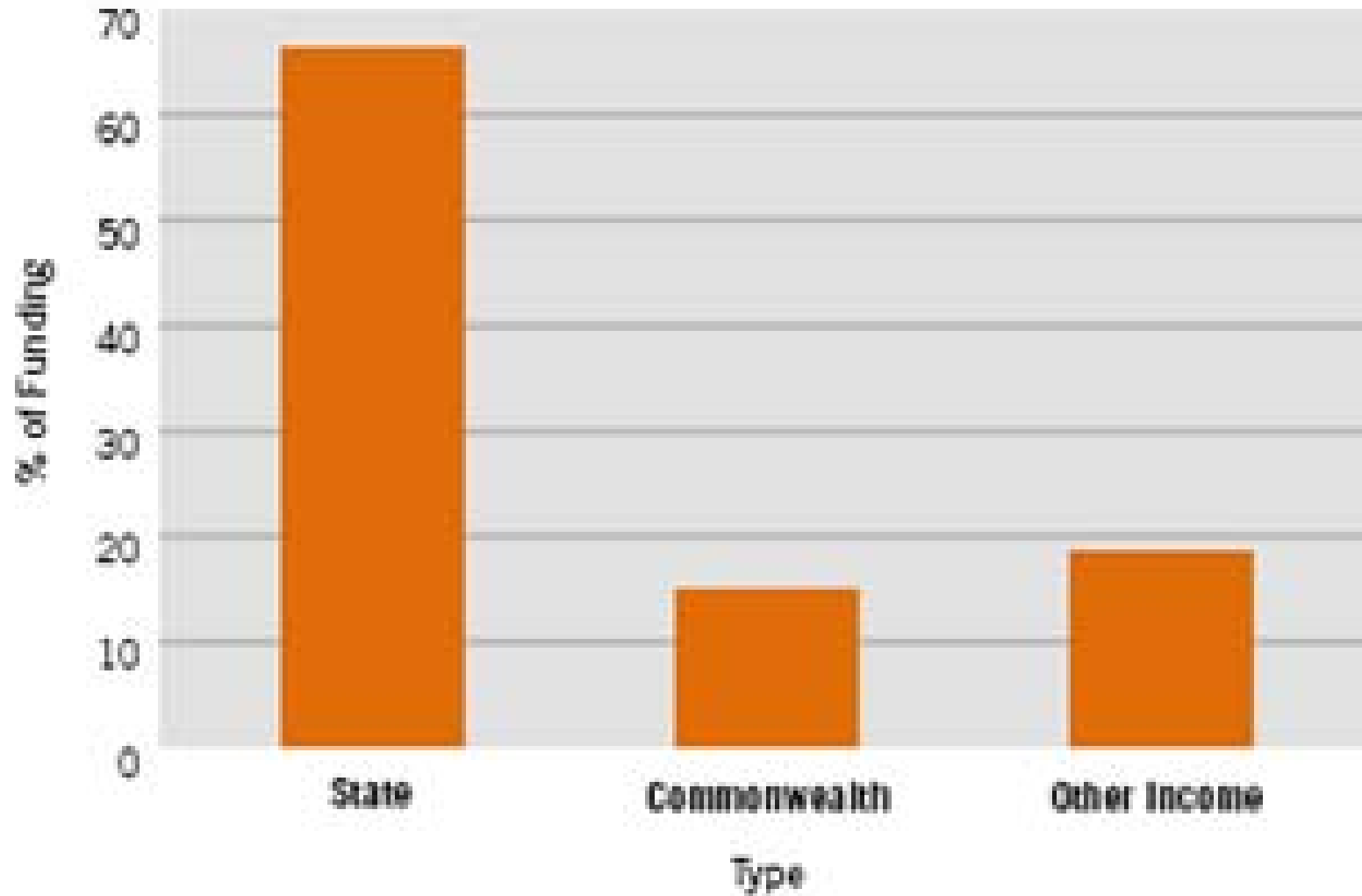
Setting the Scene

Main Roads Annual Report 2008



Note: The figure for Road Network Maintenance includes the depreciation expense for infrastructure assets for 2007-08, totalling \$170.5 million.

Setting the Scene



Main Roads Annual Report 2008

Impact of RAVS on Roads

Rutting	Pushing
Scrubbing	Intersection issues
Rolling the stone	Roughness
Successive tri-axle groups	Cracking
Texture	Bridge Performance
Road Safety	Social implications
4 th Power law	12 th Power Law

Visit www.austroads.com.au
for more information on road asset management and impacts.

Impact of RAVS on Local Roads

- National Pricing Model
- Fourth determination for vehicle pricing
- Funding for maintenance

Role of the Asset Owner

- Strategic roads
 - Asset management
- Community consultation
 - Sustainable access

Austroads Guidelines

Austroads Research Project

- Strategic view
- Practical template
- Currently a draft and recently completed consultation period
- Contact Austroads or Main Roads WA for a draft.

www.austroads.com.au

Regional Roads Groups

A proactive approach to determining road access.

Summary

- Greater engagement to understand the whole impact of RAV access decisions.
- Creating sustainable RAV access decisions.
- Review current RAV access arrangements.
- Impact of RAVs on WA's road network.
- National Model: forced determination for vehicle pricing
- Main Roads' Guidelines for Assessing the Suitability of Routes for Restricted Access Vehicles
- Austroads Research Project: 'Guidelines for Assessing Heavy Vehicle Access to Local Roads'

More Information

- Main Roads Western Australia

www.mainroads.wa.gov.au

- Austroads

www.austroads.com.au

Important Reference Material

- Main Roads' Guidelines for Assessing the Suitability of Routes for Restricted Access Vehicles
- Austroads Research Project: 'Guidelines for Assessing Heavy Vehicle Access to Local Roads'