RAV RAT – evidence based tool to improve HV access

Matthew Bereni & Kieran Hay – ARRB your National Transport Research Organisation
What for?
Heavy vehicle access assessment can be painful
What is RAV RAT?

Restricted Access Vehicle Route Assessment Tool

- Route assessment tool for restricted access vehicles
- Developed in response to Local Governments acting as Road Managers under the HVNL
- Used to assess routes for restricted access vehicles
- Based on the *PBS Network Classification Guidelines for Local Government* (2012)
- *Based on OSOM guidelines developed by ARRB and Transport for NSW* (2016)
Partnerships

Thanks to NHVR and Local Government Associations for their continued support
RAV ROUTE ASSESSMENT TOOL

The Restricted Access Vehicle (RAV) Route Assessment Tool is an expert system developed by ARRB Group Ltd and partners, for use by Local Government practitioners to assist in the classification of heavy vehicle routes according to Local Government focused guidelines.

The RAV RAT tool has been designed to guide local government practitioners through a consistent route assessment process, focused specifically upon the road infrastructure assessment criteria that is most relevant to the local roads environment. The system is able to assess routes for prescriptive, PBS and Over Size Over Mass (OSOM) freight movements.

The tool allows users to enter data on a specific route of interest, and assess the infrastructure’s ability to facilitate the safe and efficient operation of heavy vehicles. The tool provides a detailed classification for each logical segment and feature of the route.

By conducting the assessment in this manner, Local Governments can clearly identify the most restrictive elements of the route according to the guidelines.

This site is solely for the classification of roads, and not vehicles which are handled through separate processes and legislation.

It should be noted that access to the tool is not open to the general public, only Australian Local governments and their representatives.

To request access to the site please use the form on the Contact page.
RAV RAT 2.0

Why use RAV RAT?

Cloud Based
Web-based tool requiring no desktop installation. Work from anywhere with your data stored securely in the cloud.

Functionality
RAV RAT provides the ability to assess your road network for any type of restricted access vehicle.

Easy to use
Consistent assessment method, providing a defensible position for responding to access requests.

Join RAV RAT today
Get the tools you need to easily assess any routes for access

SIGN UP
New features

Free for SA Local Governments
New user interface
Integration into the NHVR portal

New User Manual
Updated training videos
Upcoming online webinars
Integration to NHVR Road Manager Portal

Stage 1 Integration

Completed
Stage 1 Integration
Hyperlinking of RAV RAT to NHVR Portal

Future
Stage 2 Integration
Linking user authentication

Stage 3 Integration
Complete integration into the Portal

RAV RAT hyperlink (TBC)
60K+ applications
successful submissions received to date through the NHVR Portal

98%
portal lodgement
almost all applications to the NHVR are through the NHVR Portal

12,000+
registered users
Individual users who have access to the NHVR Portal for lodgement and tracking

“It is good to have 1 point of contact instead of going to different states.”
Vivaenergy Australia

“The portal is a great improvement for processing applications.”
McCulloch Bulk Haulage Pty Ltd

“It has been positive experience to use the Customer Portal and I recommend it to other customers.”
Radiant Alliance Australia Pty Ltd
<table>
<thead>
<tr>
<th>Year</th>
<th>NHVR Applications</th>
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NHVR Portal
Why should you use RAV RAT?

- Easy to use system
- Can be used for the majority of restricted access vehicles
- Consistent assessment method
- Defensible position for decision making process
- Evidence based process which streamlines access.
How does RAV RAT benefit you?

Simple Q&A process providing a consistent assessment methodology

Faster process building on previously assessed route elements
How does RAV RAT benefit you?

PBS Expert module:
Use the PBS classification for similar Restricted Access Vehicles

Manage your assessments with route and network reporting functionality
Assessment modules

- Local Considerations
  - Non-engineering related considerations
  - Mass & Dimension, Travel time, speed, etc.

- PBS Expert
  - Assessed against PBS guidelines
  - Can be used for any type of RAV
  - Lane width, signal timing, swept path, etc.

- OSOM Expert
  - Assessed against developed framework
  - Route suitability for OSOM vehicles
  - Clearances, stacking, road grade, etc.
QUESTIONS?
Presented by: Matthew Bereni
SHAPING OUR TRANSPORT FUTURE