Outline

- Yalgoo
- WALGA RoadWise Program
- Towards Zero
- Road Safety in the Mid West
- The OLA Process
- The Issue
- Outcomes
- What could have been done better
Where is Yalgorup?
Shire of Yalgoo

- Population of 242
- Covers an area of 33,528 km
- Responsible for 115km of sealed roads and 1,126 km of unsealed roads.
- One of 140 local governments in WA
Road Safety and Local Governments in Western Australia

• Local Governments in WA are responsible for 72 per cent, or 128,147 km of the Western Australian road network

• Local government can directly influence Road Safety through their core business as:
  – A road authority
  – A planning authority
  – An employer and fleet operator
  – A Community Leader
The WALGA RoadWise Program

• In operation since 1994.
• Engage Local Governments and the community in effectively contributing to the adoption and application of the safe system approach and the implementation of specific initiatives of the Towards Zero, Western Australian Road Safety Strategy 2008-2020.
• The RoadWise Program is supported by the Road Safety Council of WA and funded through the Road Trauma Trust Account.
Towards Zero


- *Towards Zero* means we do not accept that any human being should die or be seriously injured on our roads
Serious Crashes by Nature in the Midwest region
Serious Crashes by Nature in the Shire of Yalgoo
Serious Crashes Where Behaviour Was a Factor In the Midwest Region
Serious Crashes Where Behaviour Was a Factor in the Shire of Yalgoo

<table>
<thead>
<tr>
<th>No. of Crashes</th>
<th>Fatal</th>
<th>Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>△</td>
<td>△</td>
</tr>
<tr>
<td>2</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>3</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>4+</td>
<td>✔</td>
<td>✔</td>
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</tbody>
</table>
The Issue

• Pedestrian Safety - Pedestrians crossing Geraldton Mount Magnet Road
  – Heavy Vehicle Route
    • Used by a number of Heavy haulage operators servicing mines to the east of Yalgoo
  – Controlled by Main Roads
  – Carries approx. 1500 vehicles a day
    • Approx. 20% Heavy vehicles
  – 80 km/h
The OLA Process

Under the OLA approach all parties are encouraged to provide objective data from their area of expertise, jointly work as a team to list the opportunities to overcome the concern, and then develop an action, responsibilities and timeline plan and implement to deliver the required road safety outcomes.
Actions from the Meeting

• Number of actions identified
• Actions divided into cornerstones and allocated to the responsible agency
• Actions prioritised in terms of when they can realistically be achieved
## Actions from the meeting

<table>
<thead>
<tr>
<th>Safe Roads and Road Sides</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Audit Safety Signage on approaches to town</td>
<td>Complete</td>
</tr>
<tr>
<td>Double White lines on Geraldton Mount Magnet Road within the town boundary</td>
<td>Complete</td>
</tr>
<tr>
<td>Edge lining on Geraldton Mount Magnet Road</td>
<td>Complete</td>
</tr>
<tr>
<td>Install Rumble strips on approaches to town</td>
<td>Complete</td>
</tr>
</tbody>
</table>
# Actions from the Meeting

<table>
<thead>
<tr>
<th>Safe Roads and Roadsides</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Apply for funding to introduce footpaths consistently in Yalgoo particularly main roads</strong></td>
<td>Funding opportunities identified</td>
</tr>
<tr>
<td><strong>Install pedestrian maze at intersection of Gibbons St and Geraldton Mount Magnet Road</strong></td>
<td>Budgeted in Shire of Yalgoo forward capital works plan for 2011/2012</td>
</tr>
<tr>
<td><strong>Install lighting and median strip as part of Gibbons Street Beautification Project</strong></td>
<td>Added to Shire of Yalgoo forward capital works plan currently unbudgeted</td>
</tr>
</tbody>
</table>
## Actions from the Meeting

### Safe Speeds

<table>
<thead>
<tr>
<th>Obtain speed display trailer</th>
<th>WALGA RoadWise program has provided information to shire of Yalgoo as well as assistance in completing the grant application.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor traffic speed</td>
<td>Police regular conduct traffic enforcement activities in and around Yalgoo.</td>
</tr>
<tr>
<td>Events traffic management – reduced speed for events</td>
<td>As required.</td>
</tr>
</tbody>
</table>
## Actions from the Meeting

<table>
<thead>
<tr>
<th>Safe Road Use</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepare &amp; distribute a list of 24 hour contacts for haulage companies</td>
<td>Completed</td>
</tr>
<tr>
<td>Put road safety articles in Bulldust (Shire of Yalgoo newsletter)</td>
<td>Ongoing – articles included each month</td>
</tr>
<tr>
<td>Model safe behaviours such as using the footpath</td>
<td>Ongoing</td>
</tr>
<tr>
<td>Educate children about road safety</td>
<td>Ongoing – SDERA working with Yalgoo Primary School</td>
</tr>
</tbody>
</table>
Rumble Strips on the approach to the town of Yalgoo to slow approaching traffic and advised of Yalgoo town site
The Outcome

Children’s cycling practise area opposite Yalgoo Primary School
What Did We Learn From The Process

• The Safe System approach can be applied to remote areas of WA
• Shared Responsibility is a key factor
• Community Participation is important for community ownership
• An action plan is need to provide clear guidance for all involved
What could have been done better?

• Presentation of objective data
• More community involvement
• Road safety audit before meeting
• Longer lead time before the meeting
• More organisations involved
• Consider safe vehicles cornerstone
What could have been done better?

• Speed reduction
  – Based on the safe system for possible conflicts between cars and unprotected road users the safe speed is 30km/h

<table>
<thead>
<tr>
<th>Road type</th>
<th>Safe speed (km/hour)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Possible conflict between cars and unprotected users</td>
<td>30</td>
</tr>
<tr>
<td>Possible side-on conflict between cars</td>
<td>50</td>
</tr>
<tr>
<td>Possible frontal conflict between cars</td>
<td>70</td>
</tr>
<tr>
<td>No possible frontal or side-on conflict between road users</td>
<td>≥100</td>
</tr>
</tbody>
</table>

*Table 1: Safe speed thresholds for different road types (Towards Zero 2008)*
Thank You

I would like to thank Peta Vince who collaborated on the presentation and journal article, she is currently on maternity leave.

Also, the Yalgoo community and their commitment to road safety.
Further Information

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Thank You

Any Questions?