Setting the foundations for discussions on CoPTTM

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Purpose

• The size of the crash problem associated with roadworks

• The size of the industry

• The costs associated with the application of CoPTTM
Crashes at road works (1)

- “Failed to notice road works signs” (339)
- “Road under construction or maintenance” (817)
- “Road works not adequately lit” (824)
- “Road works not adequately signposted” (825)
Crashes at road works (2)

• crashes in which the crash movement is “struck workmans vehicle” (movement code “ED”)

• crashes in which the object struck is “roadworks” (object code “R”)

• “Too fast for conditions at temporary speed limit” (116)
Crashes at road works (3)

- **Group A**
  Cause codes associated with road works

- **Group B**
  Movement and Struck Object

- **Group C**
  Cause code too fast for temporary speed limit
Quantum of work

Financial Year

- Resurfacing
- Rehabilitation
Average Daily Rate for Temporary Traffic Management (Level 1 Network)

Year 2002 2003 2004 2005 2006 2007 2008 2009 2010
Ave Daily Rate $1,000 $1,200 $1,400 $1,600 $200 $400 $600 $800 $1,000 $1,200 $1,400 $1,600
Size of the Industry (1)

- 61,000
- 26,584 lapsed
- 44,769 current
Size of the Industry (2)
Size of the Industry (3)
## Costs (1)

<table>
<thead>
<tr>
<th>COPTTM Level</th>
<th>Median Mowing</th>
<th>AWPT</th>
<th>Resealing</th>
<th>Rehab</th>
<th>Overall Maint/Renewals</th>
<th>Overall Construction</th>
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</thead>
<tbody>
<tr>
<td>Low Volume</td>
<td>0</td>
<td>3.5</td>
<td>4.0</td>
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<td>Level 1</td>
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<td>6.3</td>
<td>6.3</td>
<td>6.2</td>
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</tbody>
</table>

*Source Roading New Zealand*
Costs (2)

• Level 3  all activities 20%
  • $17m/pa

• Level 1/2 additional services
  5% to 10%
  • $27.5m/pa
Summary

• CoPTTM has reduced the number of crashes at work sites

• The costs associated with CoPTTM are typically around $44m/pa
  • 20% on Level 3
  • 5% to 10% Level 1 and 2

• There is approximately 1 CoPTTM trained person for every 70 persons