Travel time savings
Example analysis
Quarter 2-3 – 2016
Transurban uses a range of tools and data sources to understand traffic flow on the road network, which we continually examine to identify opportunities to improve travel conditions for our customers. One example is travel time data, which is a core indicator of delay and stress on our toll roads and the broader network. With that information we are able to identify potential problems on our network, and provide a basis for ongoing dialogue with the state road authorities, councils, and our customers.

As a simple example of the power of the travel time information, we have provided some analysis of our major toll-roads compared to alternate routes. For that assessment we have used data obtained through our ongoing partnership with TomTom. The data analysed is the median (50th percentile) travel time of commuters during weekday travel, however the data allows us to assess virtually any route at any time-of-day / day-of-week combination – meaning it is also possible to look at factors such as travel time consistency / variability.

The data included in this example analysis is from July – September 2016, except where otherwise marked.
Results interpretation

• Chart shows average weekday travel times of tollway against non-tolled alternatives
• Data sourced from Tom-Tom, using actual results recorded over calendar month

Map shows analysed routes
• Green = Tollway analysed
• Blue = non-tolled alternatives

Time Series Reported:
• NT – Night Time (12-5am)
• AMS – AM Shoulder (5-6,9-10am)
• AM – AM Peak (6-9am)
• MD – Mid Day (10am-2pm)
• PMS – PM Shoulder (2-3,6-7pm)
• PM – PM Peak (3-6pm)
• EE – Evening (7-12pm)
Sydney network
“SYDNEY AIRPORT TO HARBOUR BRIDGE”

- Tollway versus Botany Rd / Western Dist.

**Average Travel Time**

- **Sydney Airport to Harbour Bridge - Tolled**
- **Sydney Airport to Harbour Bridge via Botany Rd/Western Dist.**
“HUME HWY TO BEVERLY HILLS”

- Tollway versus Newbridge Rd / Canterbury Rd / King Georges Rd
“BEVERLY HILLS TO HUME HWY”

- Tollway versus King Georges Rd / Canterbury Rd / Newbridge Rd
“LANE COVE RD TO MILITARY RD”
- Tollway versus Epping Rd / Gore Hill Fwy

Average Travel Time

Time (mins)

<table>
<thead>
<tr>
<th>Time</th>
<th>NT</th>
<th>AMS</th>
<th>AM</th>
<th>MD</th>
<th>PMS</th>
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<tbody>
<tr>
<td>Lane Cove Rd to Military Rd - Tolled</td>
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<tr>
<td>Lane Cove Rd to Military Rd via Epping Rd/Gore Hill Fwy</td>
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Lane Cove Tunnel

Westbound

“MILITARY RD TO LANE COVE RD”

• Tollway versus Gore Hill Fwy / Epping Rd

Average Travel Time

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<th>Time (mins)</th>
<th>NT</th>
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<th>AM</th>
<th>MD</th>
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“OLD WINDSOR RD TO LANE COVE”

- Tollway versus Old Windsor Rd / Pennant Hills Rd / Epping Rd.

Average Travel Time

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Old Windsor Rd to Mowbray Rd - Tolled
Old Windsor Rd to Mowbray Rd via Old Windsor Rd/Pennant Hills Rd/Epping Rd
**“LANE COVE TO OLD WINDSOR RD”**
- Tollway versus Epping Rd / Pennant Hills Rd / Old Windsor Rd

**Average Travel Time**

<table>
<thead>
<tr>
<th>Time (mins)</th>
<th>NT</th>
<th>AMS</th>
<th>AM</th>
<th>MD</th>
<th>PMS</th>
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“OLD WINDSOR RD TO HUME HWY” (MAY ‘16)

- Tollway versus Cumberland Hwy
“HUME HWY TO OLD WINDSOR RD” (MAY ’16)

- Tollway versus Cumberland Hwy