
Sustainable Transport Strategy
A Change of Thinking

Jason Deller • 05/11/15
change

new

life

known always willingly

easy

every trying

every

open challenge

things around
day

comfort zone

welcom world

person believe

love thoughts

adapt

Every

better see willing

embrace

changing positive changes

ways transforming stretch

make learning

day
No Grandma,
Listen.
Double-click the Internet Explorer Icon
Community wants...
Sustainable Transport
Transport Challenges

Population growth and settlement patterns

Car dependence

Economic gateway

Climate change and the environment

Physical inactivity

Implementation and delivery
Future Challenges

Projected population and employment growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Residents</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Now</td>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>2016</td>
<td>100,000</td>
<td>50,000</td>
</tr>
<tr>
<td>2021</td>
<td>150,000</td>
<td>50,000</td>
</tr>
<tr>
<td>2026</td>
<td>200,000</td>
<td>50,000</td>
</tr>
<tr>
<td>2031</td>
<td>250,000</td>
<td>50,000</td>
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</tbody>
</table>
Future Challenges

Toowoomba car ownership trends

Mode share of journey to work

Households without a car
Cars / 1,000 residents

Person trips per day

Year
1991
1996
2001
2006
2011

Cars / 1,000 residents

88%
90%
92%
92%

Car
Public transport
Cycle
Walk
What to do?
Benefits of Change

Business as usual

Change
Benefits of Change

- **500,000 trips per day**
  - Current: 89% Car, 2.4% Public transport, 1.4% Cycle, 7.5% Walk
  - 2031 Business as usual: 90% Car, 2% Public transport, 1% Cycle, 7% Walk
  - 2031 Change: 82% Car, 5% Public transport, 4% Cycle, 9% Walk

  - **24 Hectares** more parking in CBD (same as area of Queens Park)
  - **9 Hectares** more parking in CBD
TOOWOOMBA REGIONAL TRANSPORT
Accessible to all

- Public transport for the region
- Freight & Passenger rail
- Green city core
- Taking the trucks out of town
- Smarter landuse
- Rapid urban public transport
- More walking & cycling

Strong regional and national connections
Demographics

46% Younger than 18
8% 18-30
20% 31-40
20% 41-50
3% 51-60
3% Older than 60
A Sustainable Future

Strategies

1. Liveable communities
2. Public transport
3. Active transport
4. Regional transport
5. Road transport
6. Freight transport
7. Air transport.
Green City Core

Singapore

Barcelona
Key Future Links and PT
Key Future Links and Active
Key Future Links and Locations
Freight Corridors

Now

Future

Road freight
Rail freight
Wider arrows indicate more freight
TSRC Design Issues
Way forward
A Sustainable Future

From

Road Network

To

Transport System
The way we think
Transport and Land Use
Quality Bus Corridor
Bus Corridor Transit
Light Rapid Transit
Now
Possible Future

- New mixed use development adds to street life over time
- Central light rail alignment
- Light rail stations are easy to access via signalised crossings
- On street parking on both sides
- Planting provides shade and safe separation from road traffic
- Generous footpaths support pedestrians and cyclists

TOOWOOMBA REGION
Priority Transport Hierarchy

- LRT Priority
- Bus Priority
- Pedestrian Priority
- Preferred Traffic Route
- Cycle Priority
- Other Traffic Route

Activity Centre
Strip Shopping
Priority Transport Hierarchy

LRT Priority
Bus Priority
Pedestrian Priority
Preferred Traffic Route
Cycle Priority
Other Traffic Route
Margaret St high ‘Place’ function
Medium/high ‘Link’ function + Arboreal

Ruthven St high ‘Place’ function
Medium/low ‘Link’ function + pedestrian

Warrego Highway low place
High link function + freight

Local street low ‘Place’ function
Low ‘Link’ function
Currently
Regional Arterial (27.5m)

Low ‘Place’
Moderate to low ‘Link’ (volume) status

Within centre changes function
Still moderate to low ‘Link’ status
‘Place’ status has increased to local centres
WHAT TIME IS IT?
All we need is just one or two people to park on that block with the open spaces.

and by smartphone before heading to their destination.
The problem is not the problem. The problem is your attitude about the problem.

Do you understand?

- Captain Jack Sparrow
Difficult roads often lead to beautiful destinations.
The secret of change
Is to focus all your energy
Not on fighting the old
But on building the new

- Socrates