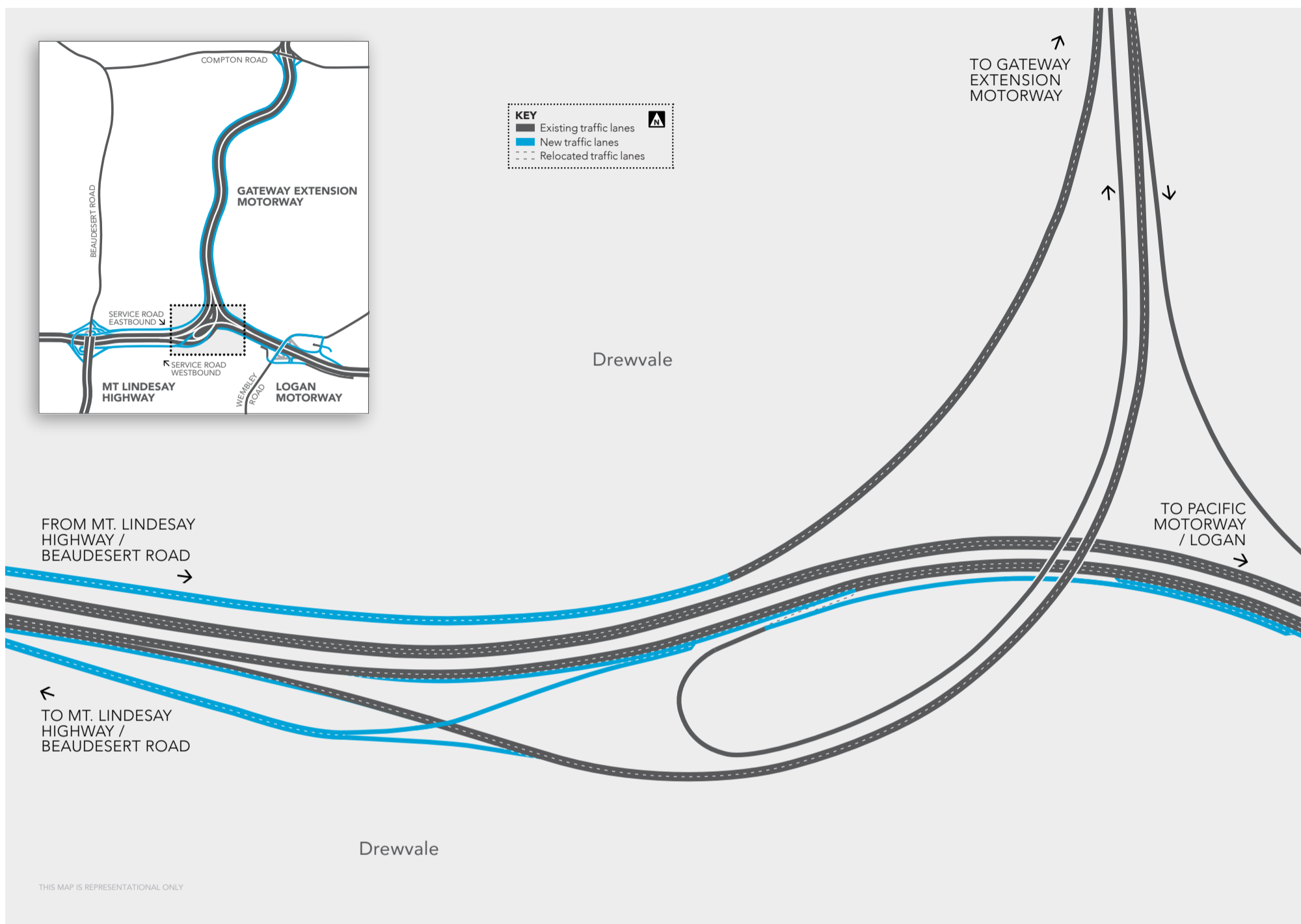


# LOGAN MOTORWAY AND GATEWAY EXTENSION MOTORWAY INTERCHANGE UPGRADE



## Upgrades to the Logan Motorway and Gateway Extension Motorway Interchange are one of five main upgrade components in the Logan Enhancement Project.

### The current interchange

The current interchange has a large mix of high and low speed traffic merging together.

There are motorists travelling at high speed on the Logan Motorway, and motorists merging with this high speed traffic to enter or exit the motorway; either to join the Mt Lindesay Highway (westbound), the Gateway Extension (northbound) or travel through to Wembley Road (eastbound).

Separating these high speed/low speed traffic movements is a priority to improve safety for all motorists.

### The solution

There are a number of changes to this and surrounding interchanges to improve safety, reliability and increase traffic flow.

New high speed service roads will be built to separate local traffic and motorway traffic on both sides of the Logan Motorway. Additional lanes on the Logan Motorway and Gateway Extension Motorway will also increase capacity and cater for future growth.

### What will the average travel time savings be?

Refer overleaf for the predicted average travel time savings across four different travel routes on and around the Logan Motorway and Gateway Extension Motorway Interchange.

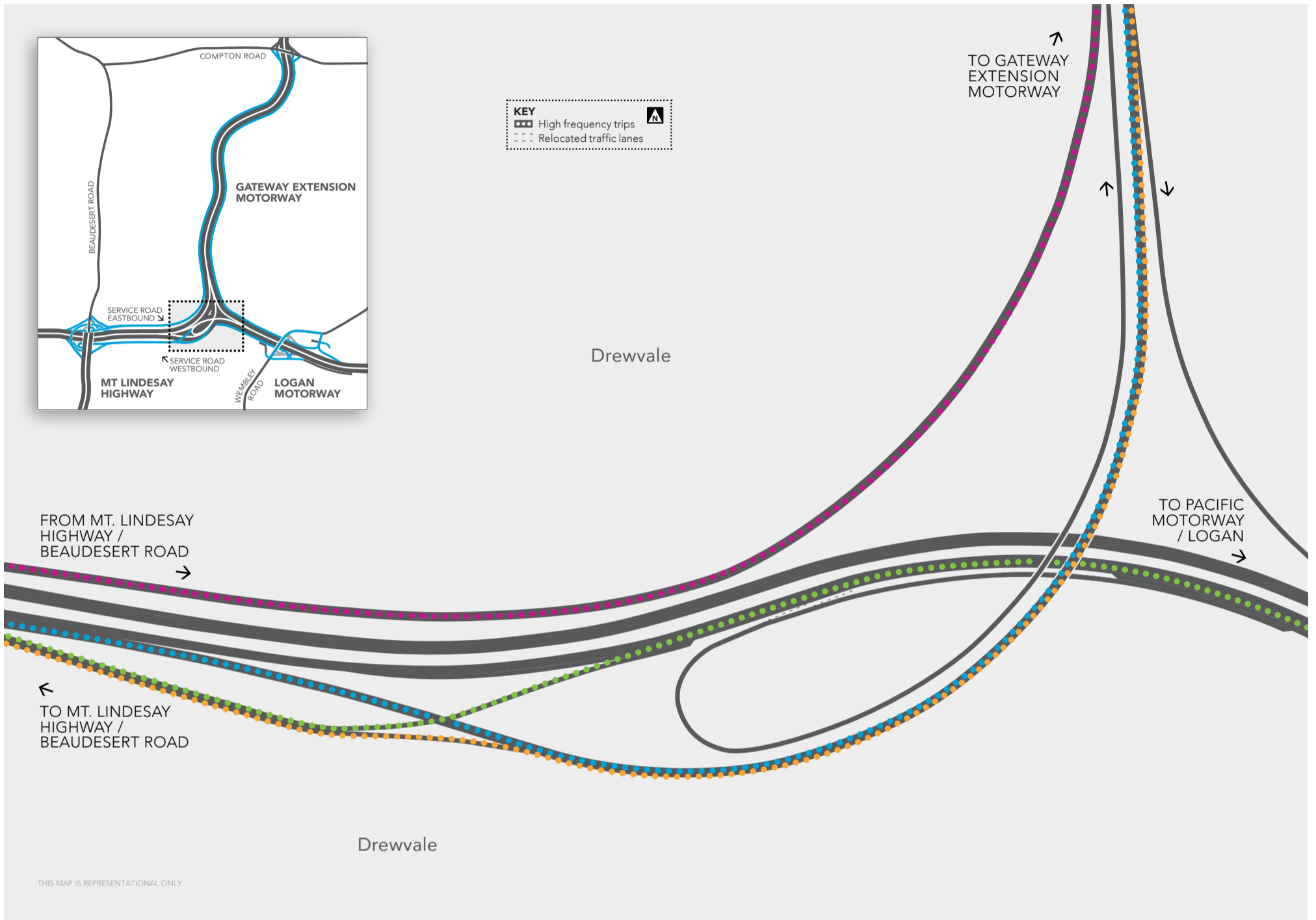
### Quick Facts

#### Traffic numbers:

- Over 90,000 vehicles per day use this interchange.
- Over the day, 40% of traffic is to/from the Gateway Extension Motorway and 60% to/from the Logan Motorway (west).
- Almost 20% of the total traffic is heavy vehicles, and half of these are either a semi-trailer or B-double.
- Motorists travelling between the Mt Lindesay Highway and the Gateway Extension Motorway need to weave with other traffic to enter or exit various interchanges. 50% of traffic across this area has to change lanes in peak periods.

\*\* Vehicles per day figures are based on weekday counts

# LOGAN MOTORWAY AND GATEWAY EXTENSION MOTORWAY INTERCHANGE UPGRADE



## How will my route change?

I'm travelling ...



### From the Gateway Extension Motorway to the Mt Lindesay Highway

- Exiting the Gateway Extension Motorway via a new high speed service road that takes motorists directly to the Mt Lindesay Highway.
- Running parallel to the Logan Motorway, the new service road will remove the need for traffic to enter or exit the Logan Motorway and merge with motorway traffic.
- Removing queuing currently being experienced along the Logan Motorway and Gateway Extension Motorway for motorists exiting at the Mt Lindesay Highway.

#### Average travel time saving

70% reduction in travel time PM peak

I'm travelling ...



### From the Mt Lindesay Highway Interchange to the Gateway Extension Motorway

- Adding a new high speed service road that runs parallel to the Logan Motorway, which will take motorists directly to the Gateway Extension Motorway.
- Removing the need to enter or exit the Logan Motorway and merge with motorway traffic.

#### Average travel time saving

30% reduction in travel time AM peak

I'm travelling ...



### From the Gateway Extension Motorway to the Logan Motorway (westbound)

- Increasing lane capacity onto the Logan Motorway (from one to two lanes).
- These two lanes, combined with the two Logan Motorway lanes (westbound) will extend through to the Beaudesert Road/ Mt Lindesay Highway Interchange and then become three lanes along the Logan Motorway.
- Allowing for a longer distance for the westbound through traffic on the Logan Motorway to safely merge with traffic from the Gateway Extension Motorway.

#### Average travel time saving

75% reduction in travel time PM peak

I'm travelling ...



### From Wembley Road to Mt Lindesay Highway

- Adding a new high speed service road, which will take motorists directly to the Mt Lindesay Highway.
- Removing the need to merge with motorway traffic from the Gateway Extension Motorway.

#### Average travel time saving

70% reduction in travel time PM peak