

# Orrong Road Planning Study

## An invitation to have your say

Main Roads is seeking community input into a planning study to identify the best solution for upgrading Orrong Road, between Leach Highway in Kewdale and Great Eastern Highway in Rivervale.

### Why does Orrong Road need upgrading?

In its current state, Orrong Road is a deficient link in the state's road network. Orrong Road distributes traffic to Mitchell Freeway and Graham Farmer Freeway to the north-west and Leach Highway, Roe Highway and Tonkin Highway to the south-east.

Traffic studies have confirmed that Orrong Road currently operates at capacity, with up to 65,000 vehicles per day using the road. As Perth's population increases, conditions along Orrong Road will deteriorate further, with traffic volumes likely to increase to 100,000 vehicles per day by 2031.

Historical planning provides for the upgrade of Orrong Road to six lanes at ground level. However, more recent investigations have confirmed that this solution is unviable because it is unable to service the forecast traffic demand, would have a significant impact on land and community amenity and results in no improvements to travel times.

### This planning study

For this planning study, Main Roads has undertaken extensive traffic assessment and considered several options to determine the preferred concept for upgrading Orrong Road. This concept maintains key local road connections along surface roads, with the majority of a full expressway for through traffic to be constructed below ground level. This expressway will deliver a five kilometre section of Orrong Road with no traffic signals for regional traffic.

Importantly, this concept will reduce journey times to approximately five minutes between Leach Highway and Great Eastern Highway. It also has only minor land impacts and improves safety by eliminating conflict between regional and local traffic.

The WA Planning Commission (WAPC) has supported Main Roads' plans to develop this concept further and undertake stakeholder and community consultation. Once this is complete, Main Roads will provide a submission to the WAPC to reserve the required land in the Metropolitan Region Scheme (MRS).

It is important to note this a long-term planning study and there are currently no funds for construction.



Orrong Road is currently a deficient link in the state's road network, with high levels of congestion especially at peak periods



## The planning process



## Benefits of the preferred concept

### ✓ Improves safety

Reduces the chance of crashes due to congested stop-start conditions or turning movements

Separates regional and local traffic

Pedestrians can safely cross the corridor using local surface roads

### ✓ Better traffic efficiency

Traffic forecasts show it will take five minutes to travel the expressway in 2031, compared to approximately 40 minutes on a six-lane highway with signals

Enhances important freight and commuter links

### ✓ Local connectivity

Local road connections are maintained via surface roads

Residential areas are not severed

### ✓ Reduces noise

Reduces noise for local residents by building the majority of the expressway below current ground level

Noise walls to be investigated in detailed planning

### ✓ Improves visual amenity

Regional traffic uses the expressway below ground level

Opportunities for public art and landscaping

### ✓ Preserves property

No homes are affected by the expressway option

Minor land impacts only

## How to have your say

Local communities and stakeholders can participate in this consultation process by:

- Visiting our webpage at [www.mysaytransport.wa.gov.au](http://www.mysaytransport.wa.gov.au), completing our online survey by 22 July 2019 and/or registering for future updates
- Attending our drop-in information session on Wednesday 12 June 2019 at Rivervale Community Centre, corner of Surrey Road and Francisco Street, Rivervale, from 5pm-8pm

## Next steps

All feedback provided by property owners, stakeholders and the community will be used to inform Main Roads' final submission to the WA Planning Commission.

## More information

Web: [www.mainroads.wa.gov.au](http://www.mainroads.wa.gov.au)

Tel: 138 138

Enquiries: [enquiries@mainroads.wa.gov.au](mailto:enquiries@mainroads.wa.gov.au)



**mainroads**  
WESTERN AUSTRALIA