

DRYANDRA ROAD UNDERPASS



OVERVIEW

- The underpass
- Construction overview
- Opened to the public in October 2018

CURRENT AS AT
JUNE 2019

The Dryandra Road underpass was designed and constructed so road vehicles can continue to travel to the airport's northern facilities once the new runway is built. Road traffic will go under the link taxiways, while aircraft taxi overhead between the new runway system and the current runway system and terminals.

THE UNDERPASS

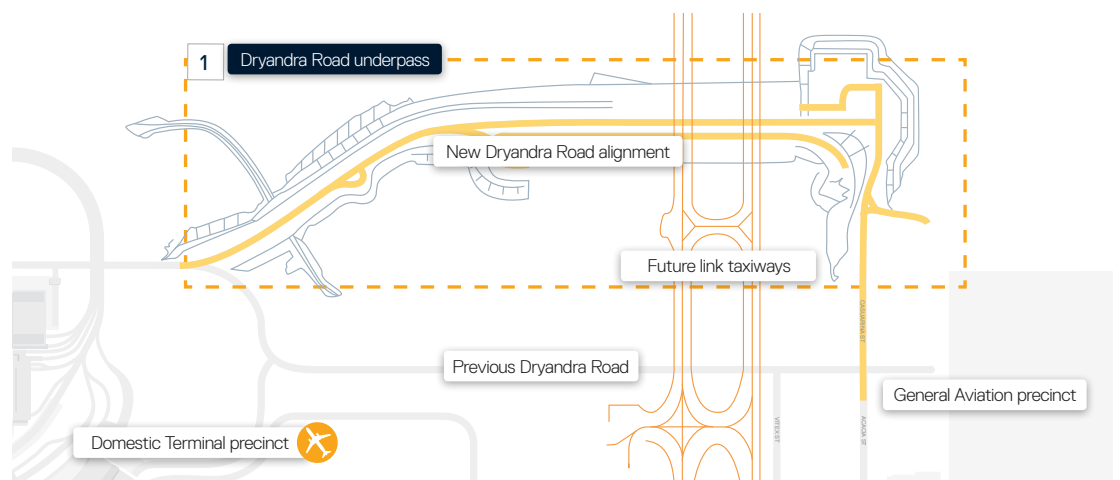
The Dryandra Road underpass is a vital piece of infrastructure for Brisbane's new runway system.

Once the new runway and taxiways are complete, the Dryandra Road underpass will allow continuous uninterrupted vehicle access to the airport's northern facilities such as the General Aviation precinct and the Acacia Street Plane Spotters Loop.

The underpass co-locates vehicle access, partitioned down the centre, for public use on one side and restricted secure operational use on the other side. Each side has one lane each way.

All vehicle traffic will travel under the link taxiways, with aircraft taxiing overhead between the new runway and the existing passenger terminals.

1. Location of the Dryandra Road underpass north of the Domestic Terminal precinct.



THE CONSTRUCTION

Construction commenced in March 2017 with the works undertaken by McConnell Dowell for Brisbane Airport Corporation (BAC).

BAC's total investment in the Dryandra Road Works was \$120 million.

The images below show different stages of construction.

The underpass was opened in October 2018, with traffic on the existing Dryandra Road diverted permanently through the newly aligned underpass.

1. Aerial view of the site where a total of nearly 750,000 m³ of material was moved as part of these works.



2. 700 piles anchor and support the structure. These are mostly in lots of 3 x 12m segments, to an average depth of 30m below ground.



3. A total of approximately 20,000 m³ of concrete, heavily reinforced, was poured to form the road floor, walls of the underpass and taxiway and perimeter road bridge decks.

