Central Coast Highway intersection upgrade at Brisbane Water Drive and Manns Road at West Gosford

November 2015

In November 2015 the NSW Government completed the $170 million Central Coast Highway upgrade at Brisbane Water Drive and Manns Road, more than seven months ahead of schedule.

This essential upgrade will improve traffic flow, travel times and safety for over 70,000 motorists travelling through the intersection each day.

Roads and Maritime Services thanks businesses, the community and motorists for their patience during the upgrade and appreciates the feedback provided which has helped improve safety and amenity during construction.
Project facts

The intersection upgrade posed significant engineering challenges for the project team which required complex utility relocations and construction solutions.

During the upgrade:

- Over 70,000 vehicles a day use the intersection. The upgrade was carried out with the intersection remaining open to traffic
- More than 20,000 square metres of asphalt was used on the new road surfaces
- About 1.6 million litres of stormwater will be captured in the new water attenuation facility on Manns Road
- About 60 kilometres of utility and telecommunications infrastructure was relocated or upgraded including:
  - Relocating overhead power lines underground, which comprised 40 kilometres of conduit
  - Installing about 10 kilometres of telecommunication infrastructure
  - Building about 10 kilometres of gas, water and sewer infrastructure.
- Over 67,000 trees and shrubs were planted, including seeds from over 40,000 local trees and plants which were collected and grown in local nurseries
- Over 3.7 kilometres of shared pedestrian and cycle paths were built to connect to existing pathways
- Improved urban design outcomes included planting larger trees at the entrance of West Gosford as a result of relocating power lines underground.

Aerial view of the single aligned intersection

Aerial view showing the new Central Coast Highway off ramp and Grieve Close connection

Footpath paving and landscaping on Brisbane Water Drive, outside West Gosford Shopping Centre
Project background

The Central Coast Highway is a major road link between the M1 Pacific Motorway and Gosford, Erina and the coastal suburbs.

Brisbane Water Drive and Manns Road are important links between Gosford, Woy Woy and Narara. These roads provide access to railway stations, local businesses and retail centres, the Central Coast Highway and the M1 Pacific Motorway.

The NSW Government provided $170 million for the upgrade to improve traffic flow, travel times and safety for all road users.

Major construction activities started in November 2013 and involved widening and realigning Brisbane Water Drive and Manns Road on the Central Coast Highway to form a single intersection with traffic lights. A range of work was carried out on the roads surrounding the intersection to improve traffic flow and access, including construction of the new Grieve Close connection road.

The newly aligned intersection opened to traffic in April 2015 and the overall project was completed in November 2015, more than seven months ahead of schedule.

Benefits of the upgrade

The upgrade will provide a range of benefits for businesses, motorists and the community, including:

- The newly aligned intersection at Brisbane Water Drive and Manns Road will substantially improve traffic flow and improve access to local businesses
- The Central Coast Highway westbound exit ramp onto the newly constructed Grieve Close connection will provide improved access to local businesses
- The traffic lights at the Manns Road and Grieve Close intersection will provide access into Grieve Close and the link road connecting to Dyer Crescent
- Improved access to new developments including the Riverside Park
- Urban design improvements will improve the visual appeal and amenity in the commercial area
- Shared pedestrian and cycle paths along the Central Coast Highway, Manns Road and Brisbane Water Drive will improve connectivity to existing paths.
Grieve Close extended south to Corumbene Road, passing under Central Coast Highway and Debenham Road South

Corumbene Road, Jusfrute Drive and Grieve Close intersections modified

Central Coast Highway and Dyer Crescent intersection closed

No right turn from Dyer Crescent to Manns Road

Brisbane Water Drive and Bel-Hilton Parade intersection closed

Brisbane Water Drive and Manns Road realigned to form a new intersection with Central Coast Highway with traffic light control

Service Road

Stockyard Place and Manns Road intersection upgraded

Two way link road

Off-ramp from Central Coast Highway to Grieve Close. Left turn only

Shared pedestrian/cycle path connecting to Fagans Bay cycle path

Date of aerial photography: 2010

Contact us
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