

# Arnhem Highway future duplication final concept

The Northern Territory Government has released its final concept plan for the future duplication of the Arnhem Highway at Humpty Doo.

The concept plans identify a preferred duplication for potential delivery in the medium to longer term. The duplication plan informs the Humpty Doo Rural Activity Centre Area Plan. At this time funding for construction has not been committed. The timeline to undertake the duplication works are unknown.

Currently, the road is one lane each way. The duplication area is a 10 kilometre stretch of the highway that spans from the Stuart Highway intersection to Kostka Road.

Arnhem Highway is a key route in the Northern Territory road network connecting users to the World Heritage Listed Kakadu National Park, Arnhem Land, Mt Bundy Quarry and numerous communities, stations, farms, and tourist operations. The route supports economic growth in industries such as tourism, agriculture, mining and construction.

This busy section of road is the main access point for the commercial hub of Humpty Doo and its schools, businesses and shops.

Residents, businesses, commuters and other road users in the area provided extensive feedback in late 2021 on how they use the road and a proposed concept design for upgrades.

The key objectives of the planning study that has informed the final concept plan for the future duplication were to:

- provide safe access to enable future land developments
- provide an efficient route to improve freight productivity
- provide a safe and attractive route to support tourism and rural residential development
- manage future transport needs.

Key features of the final concept design based on community feedback received in late 2021 are:

- fully signalised traffic lights at the Stuart Highway and Arnhem Highway intersection
- pedestrian crossing across the Stuart Highway and Arnhem Highway intersection
- new service road to provide access to properties opposite the Didgeridoo Hut
- four-way signalised intersection at Hayball Road and Power Road to allow properties to retain safe and direct access in all directions and facilitate a future north-south collector route through Humpty Doo
- no change to the alignment of Spencley Road and no signalisation of Spencley Road and Kennedy Road intersections
- extending and connecting Challoner Circuit to the Arnhem Highway to allow safe and efficient traffic through local shops and schools
- retaining existing un-signalised Freds Pass Road intersection with right turn into Arnhem Highway from Freds Pass Road moved to new intersection of Challoner Circuit extension
- a P-turn between Zamia Road and Trippe Road to allow large vehicles to U-turn safely
- a staggered four-way intersection at Trippe Road to allow for heavy vehicle movements to and from the quarry to the south
- extending the existing shared path through the entire duplication area on the southern side of the highway, and
- no need to acquire land along the Arnhem Highway for the duplication.





A final concept design is now available for information. This concept design will inform the finalisation of the Humpty Doo Rural Activity Centre Area Plan.

No land acquisition is required to accommodate the widening of Arnhem Highway. This will occur predominantly to the south and will remain within the existing Northern Territory Government road reserve.

To improve safety the final concept design includes:

- a hard median to safely separate inbound and outbound traffic
- U-turns to facilitate access to local businesses and houses
- right turn pockets at intersections to help vehicles to turn off the highway safely
- left turn slip lanes at intersections to help vehicles to turn off the highway safely
- a P-turn to enable large vehicles to complete a U-turn safely on the highway.

The final concept design based on community feedback is now available to view on the Department Infrastructure, Planning and Logistics website, including an interactive map and detailed feature maps.

To view final concept plan please visit [dipl.nt.gov.au/projects](https://dipl.nt.gov.au/projects) or scan the QR code below.

For more information please email [transport.planning@nt.gov.au](mailto:transport.planning@nt.gov.au) or call **08 8924 7118**.



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