

Chatham Islands Wharekauri



Just over 700 people live in the Chatham Islands, located about 800kms to the east of the South Island. Maintaining roads in this remote territory presents challenges with the cost of freight, reduced economies of scale and a lack of a quarry source in the southeastern region.

The Chatham Islands has a total network length of 179kms across the 11 islands. The sealed road network spans 13kms, covering the settlements of Waitangi, Te One, Owenga and Kaingaroa.

Increased maintenance and resilience

Maintenance

Increased funding into maintaining and operating the local road network will enable significant road and drainage renewal programmes to be undertaken this NLTP period. Maintenance of existing assets ensure the network remains safe and accessible for all.

Local roads

More than \$15 million will be invested in the Chatham Islands during this NLTP period:

- \$3m in local road operations.
- \$11.6m in local road pothole prevention.
- \$840,000 in local road improvements.

Sealed roads

Key projects include:

- rehabilitation of **east of Nairn Bridge**, from the bridge towards Pages Corner
- full rehabilitation of sections of **North Road through Te One** to build longevity into the asset
- pavement strengthening on **Target Hill** to restore condition.

Unsealed roads

The proposed maintenance programme for the unsealed pavement network will target strengthening sections on key routes where the pavement was laid more than 20 years ago or is showing signs of structural failure.

The section of **North Road, Kaingaroa Road, and Waitangi Wharf - Owenga Road** are prioritised for work this NLTP period.

Resilience

To adapt to the impacts of climate change and improve route resilience, there will be targeted improvements at higher-risk locations.

\$15.4 million

Forecast total investment

\$3 million

Forecast maintenance operations

\$11.6 million

Forecast pothole prevention

\$840,000

Forecast improvements

Bridges and culverts

The Chathams have a programme of replacing and upgrading its culverts and bridges. Many of the islands' 27 bridges are being replaced by large culverts as maintenance is more cost effective.

During the 2024-27 investment period:

- culverts in poor condition and/or where an improved flow is required during flood or heavy rainfall events will be replaced
- surface water channels on the network will be improved, usually when doing unsealed pavement rehabilitations to provide increased resilience and value for money
- several failing and end-of-life structural components on **Maipito Bridge** will be replaced. Maipito Bridge is situated in low-lying terrain on a wide flood basin and can't be replaced with a culvert.

Other improvements

- Two programmes of network-wide minor improvements will be completed, including work to improve safety.
- **The Owenga Barge Loading Ramp** will be completed this NLTP. This will provide a more reliable docking facility for the Pitt Island barge, improving freight connections between the main Chatham Island and Pitt Island.

Safety

Delivery of an enhanced maintenance programme in 2024-27 will ensure funds are prioritised and ringfenced for road resealing, road rehabilitation and drainage maintenance which will help to make the road network safer and more resilient.

Value for money

Value for money in the Chatham Islands isn't always about seeking the lowest initial cost for a project - it must also take into consideration the whole-of-life costs and benefits of a project. This means replacing end-of-life bridges with culverts where possible, and improving drainage when completing other work on the network.

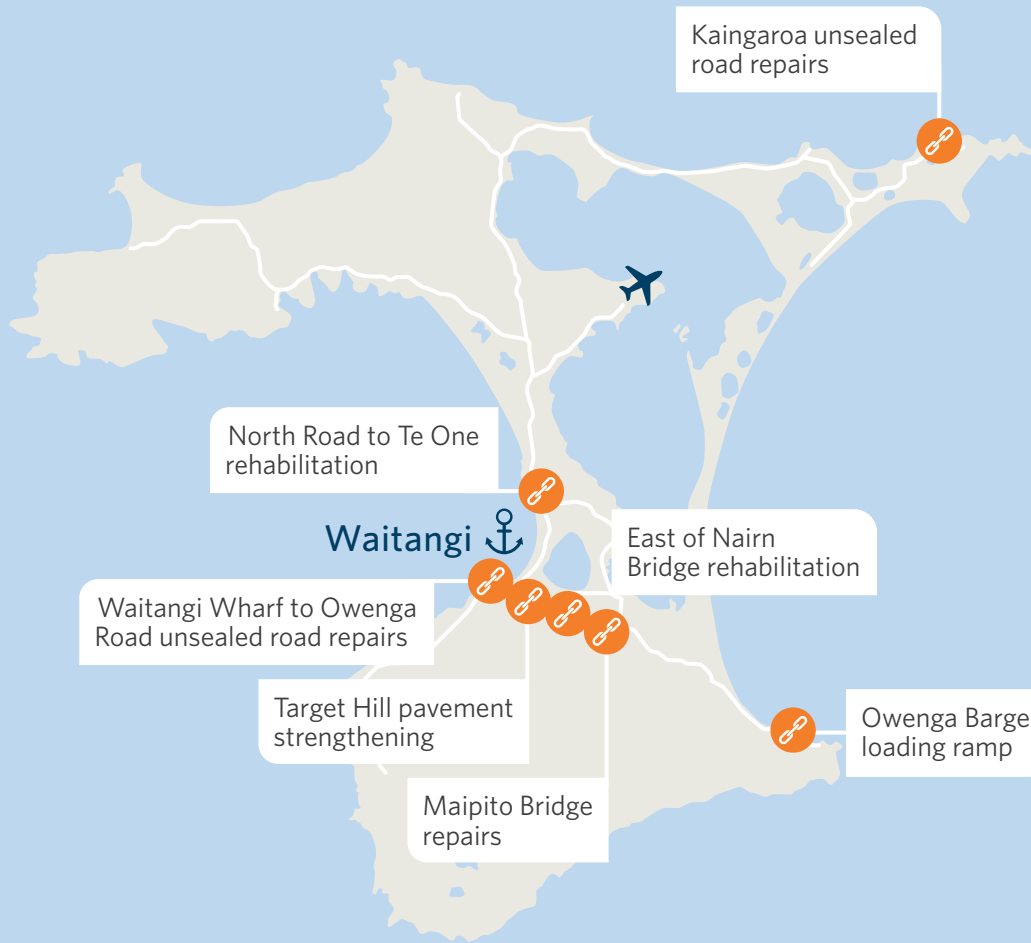
Key projects 2024-27

Key

-  Maintenance and resilience
-  Airport
-  Port
-  Key routes



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Pitt Island / Rangiauria