

Warkworth to Wellsford

The Warkworth to Wellsford project is the second section of the Ara Tūhono Pūhoi to Wellsford Road of National Significance, to be delivered by the NZ Transport Agency. The Indicative Route travels west of Warkworth and east of both Wellsford and Te Hana, connecting back into the existing State Highway 1 north of Mangawhai Road.

PROJECT OBJECTIVES

- Increase long-term corridor capacity, improve route quality and safety (eg, gradient, alignment, overtaking), improve freight movement and provide resilience in the wider State highway network
- Improve travel time reliability and decrease travel times between Warkworth to Wellsford and Northland
- Alleviate congestion at Warkworth and Wellsford by providing for through traffic

The Indicative Route reduces congestion and travel times for local and through traffic by bypassing town centres. Reduced congestion benefits all road users, enabling freight to reach key markets quicker and making journeys more reliable and less stressful for commuters and holiday makers.

The Indicative Route will create a safer and more predictable road environment by eliminating sharp bends, providing safe opportunities for passing, and separating northbound and southbound traffic. Improving travel through this section of highway will result in more comfortable journeys, help reduce New Zealand's death toll due to road accidents, and reduce costly delays associated with road closures.



TRAVEL TIME

The Indicative Route is forecast to save approximately 7 minutes for general traffic and 10+ minutes for freight between Warkworth and Te Hana (based on 2026 forecast). **The average travel speed is forecast to increase** from the current 70km/h to 95km/h.



VEHICLE MOVEMENTS

The Indicative Route will **remove around 90% of through traffic**, approximately 1,400 heavy vehicles and 14,000 total vehicles a day, from the main street of Wellsford (in 2026).



ALL CLOSURES

All Road closures for SH1 vehicles will reduce from the current average of **5 total incidents** per year for an average of over 3 hours, **to zero**.



SAFETY

The Indicative Route is predicted to save 19 deaths and serious injuries every five years, this represents an approximate **reduction of 80% deaths** and serious injuries from the existing route between Warkworth and Te Hana (based on current crash records).

HAVE YOUR SAY

Now is the time for you to have your say on the Indicative Route for the Warkworth to Wellsford project.

Your feedback will help shape the further development of an alignment, which the NZ Transport Agency will then take forward for land designation and consenting late-2017.

As we develop the design we will be undertaking further consultation prior to submitting applications for statutory approvals under the Resource Management Act (1991).

Let us know your thoughts before Friday 31 March 2017.

WE ARE HOLDING FIVE PUBLIC INFORMATION DAYS THIS MONTH TO PROVIDE INFORMATION ABOUT THE INDICATIVE ROUTE.

Saturday 18 February, 11am-3pm

Warkworth: Masonic Lodge, Baxter St

Tuesday 21 February, 3pm-7pm

Wellsford: Wellsford Community Centre, Matheson Rd

Thursday 23 February, 3pm-7pm

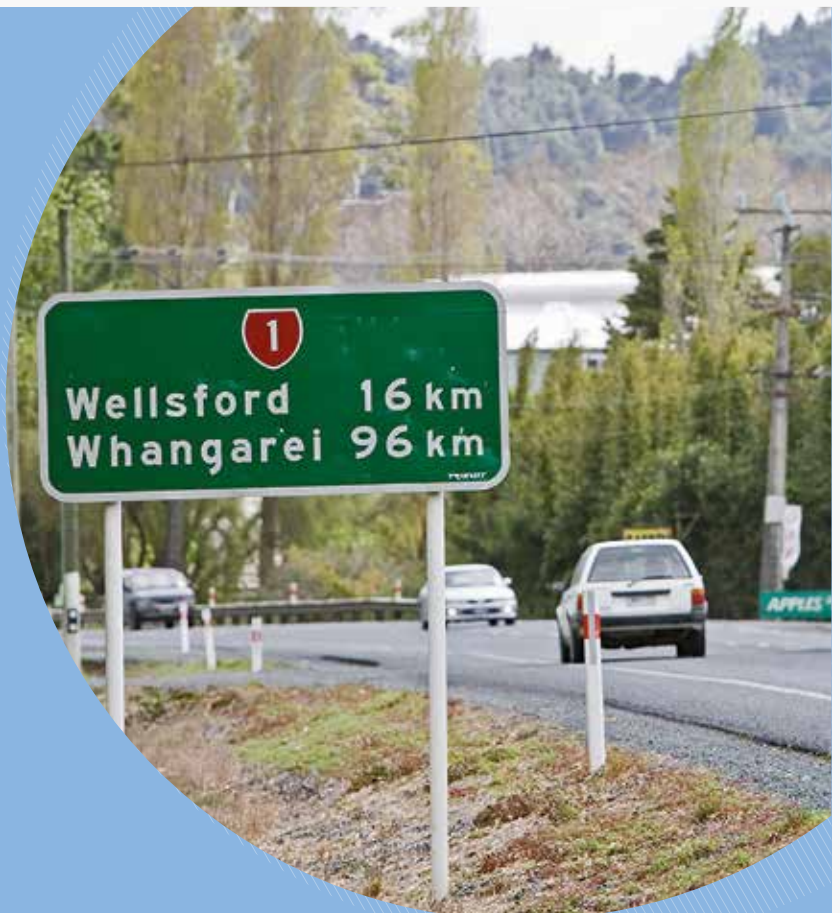
Warkworth: Masonic Lodge, Baxter St

Saturday 25 February, 11am-3pm

Wellsford: Wellsford Community Centre, Matheson Rd

Tuesday 28 February, 3pm-7pm

Te Hana: Te Hana Hall, Whakapirau Rd



For further information online visit: nzta.govt.nz/warkworth-wellsford

TRAFFIC AND TRANSPORT

There will be a number of transportation benefits as a result of this project including:

- Improved travel time between Warkworth, Wellsford and Te Hana
- Reduced heavy traffic on SH1 through Wellsford and Te Hana, with the removal of nearly 1000 heavy vehicles per day
- Reduced congestion through the Wellsford main street
- A high quality, safe new route with improved geometry and gradients
- Efficient connections to the Warkworth and Wellsford town centres through well located and convenient interchanges
- Improved corridor resilience through the provision of a reliable additional route separate from the existing SH1



SAFETY

State Highway 1 through the Dome Valley has well known safety issues with a high number of deaths and serious injuries from crashes. The Indicative Route will improve safety for everyone by providing a high quality alternative to the existing Dome Valley route. The new motorway will have an improved alignment and divided carriageway which will significantly reduce the likelihood of crashes.



ROUTE PROTECTION

Route protection is the first of many project stages and describes the identification and protection of land for a future public work, like the Warkworth to Wellsford project.

Route protection is intended to protect the land from any development that could potentially make construction of the project more difficult in the future.

Protecting the route gives planning certainty for people, businesses and communities and ensures the land is available when the project is ready to be built.

If the Indicative Route is confirmed as the preferred route, the Transport Agency will seek to protect this route for future construction by applying for land designation and consents by 2018.



MAINTAINING LOCAL ROAD CONNECTIONS

Another significant benefit of the Indicative Route is that it minimises disruptions to the local road network. Local roads the Indicative Route crosses will be maintained using either underpasses or overpasses. To align with the Urban and Landscape Design Framework (2015), prepared for the Pūhoi to Warkworth section, the design preference for crossing local roads is based on the existing grade of the local road.

LOCAL ROAD CONNECTIONS CROSSING UNDER/ OVER THE INDICATIVE ROUTE

Underpass

- Woodcocks Rd
- Wayby Valley Rd
- Whangaripo Valley Rd
- Silver Hill Rd
- Mangawhai Rd
- SH1 at Hotoe Bridge (Wayby)
- Kaipara Flats Rd

Overpass

- River Road
- Rustybrook Rd
- Farmers Lime Rd
- Saunders Road (Dome Forest)



INFORMING THE INDICATIVE ROUTE

A NUMBER OF ROUTE OPTIONS WERE INVESTIGATED TO HELP IDENTIFY THE INDICATIVE ROUTE

The Indicative Route

- Removes regional heavy traffic from the town centres of Wellsford and Te Hana
- Has the least effects on the environment
- Avoids impacts on areas of known cultural significance
- Provides greater route resilience to natural events

KEY

- Existing State Highways
- Indicative Route
- Shortlisted Options
- Oil Pipeline
- Electricity Transmission Corridor
- Northland Allochthon (less suitable ground for major construction)
- Significant Ecological Areas
- Large Hill east of Te Hana

CONNECTING COMMUNITIES

Interchanges play an important role in defining how the Indicative Route ties into the local road network and connects communities together. Careful consideration has been given to the placement of interchanges to enable them to function well and meet current and future traffic demands. Factors taken into account include:

- Distance between an interchange and the local community (Warkworth, Wellsford, and Te Hana)
- Ensuring that the interchanges connect the Indicative Route with the local road network (being mindful of any modifications needed to the local network to cope with expected traffic volumes)
- How well the interchange would sit within the surrounding landscape.

TE HANA INTERCHANGE

- An interchange located at Mangawhai Road will provide access to Te Hana and Wellsford and to Mangawhai heading east
- The motorway will merge safely with the existing state highway after Vipond Road
- All existing local road connections will be maintained to support local connectivity
- The interchange is anticipated to be a simple, conventional, all movement junction

WARKWORTH INTERCHANGE

- The proposed interchange location provides for a safe and efficient connection to and from Warkworth'
- The interchange interfaces with the Pūhoi to Warkworth project (under construction)
- Motorway access to/from the north will be via Kaipara Flats Road

WELLSFORD INTERCHANGE

- An interchange located at Wayby Valley Road will provide access to Wellsford and from Wellsford heading south
- All existing road connections will be maintained to support local connectivity
- The interchange is anticipated to be a simple, conventional, all movement junction
- The location of the interchange provides operational flexibility for the proposed tunnel

Potential tunnel

Indicative
Warkworth Interchange
location



CONTACT US

If you have any questions, you can contact us on:

Phone: 0508 927 2935

Email: warkworth-wellsford@nzta.govt.nz

More information can be found at: www.nzta.govt.nz/warkworth-wellsford