**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 is given to the placement of interchanges to enable traffic to function on an efficient and future-proof basis.

**Project Objectives**

- **Provide for a safe and efficient road environment by eliminating sharp bends, providing safe opportunities for passing, and separating northbound and southbound traffic.**
- **Improve travel times and reduce travel times for northbound traffic.**
- **Separate northbound and southbound traffic.**
- **Provide for through traffic and reduce congestion.**
- **Provide for local connectivity and travel times.**
- **Provide for through traffic and reduce congestion.**
- **Provide for through traffic and reduce congestion.**

**Travel Time**

- The Indicative Route is forecast to save 5% travel time (19% increase in average speed).

**Vehicles**

- **Safety**
  - The proposed interchange will reduce the annual average of 260 deaths and serious injuries every five years.
  - The proposed interchange will result in a 30% reduction in average speed.

**Traffic**

- **Traffic improvements**
  - The proposed interchange will reduce the annual average of 260 deaths and serious injuries every five years.
  - The proposed interchange will result in a 30% reduction in average speed.

**Traffic Modelling**

- The proposed interchange will reduce the annual average of 260 deaths and serious injuries every five years.
- The proposed interchange will result in a 30% reduction in average speed.

**Traffic**

- **Traffic improvements**
  - The proposed interchange will reduce the annual average of 260 deaths and serious injuries every five years.
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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 low route with improved geometry and gradients
- Efficient connections in the Warkworth and Wellsford town centres through well located and convenient interchanges

The Indicative Route is the result of a number of available route options that were investigated to help identify the Indicative Route. It is the most appropriate route and is the result of a number of key benefits:

- 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

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 is designed to provide a high quality alternative to the existing Dome Valley route. The new highway will have an improved alignment and reduced carryover 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.

Protection of 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 apply for land designation and consents by 2018.

MAINTAINING LOCAL ROAD CONNECTIONS

Another significant benefit of the Indicative Route is that it maintains connections 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 (2016), 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
- Woodville Rd
- Waipu Valley Rd
- Whangaripo Valley Rd
- Silver Hill Rd
- Massema Rd
- Stills Avenue Bridge (Spinola)
- Kasapa Rd (Kasapa Rd)

Overpass
- Kenu Road
- Waipu Valley Rd
- Farmers Lane Rd
- Sargents 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

INQUIRER

Q1. What are your thoughts on the Indicative Route?

Q2. What benefits will the Indicative Route provide to you?

Q3. How will the proposed locations of the Warkworth, Wellsford and Te Hana interchanges impact on you?

Q4. Protecting the natural environment and areas of cultural and historical significance are an important part of our projects. What areas, in proximity to the Indicative Route, are of value to you and why?

Q5. Do you have any additional comments on the Warkworth to Wellsford project?
The Warkworth to Wellsford project is the second section of the Ara Tūhono Pūhoi to Wellsford Road of National Highway Network (SH1), 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
• Improved crash performance in road safety, improve road quality and safety (eg, gradient, alignment, overtaking), improve freight movement and provide resilience in the wider State highway network.
• Improve connectivity and enhance travel times between Warkworth in the Northland and Te Hana in the Auckland region.
• Adaptation of connections at Warkworth and Wellsford, providing for through traffic.

The Indicative Route reduces congestion and improves travel times to local and through traffic by bypassing town centres. Reduced capacity benefits all road users, providing safer, faster, 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 safer opportunities for passing, and separating northbound and southbound traffic. Improving travel through this section of SH1 will create a safer, more reliable and less stressful road for all road users by reducing delays associated with road travel.

PROJECT UPDATE
Feb 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 Te Hana: Te Hana Hall, Whakapirau Rd
Saturday 25 February, 11am-3pm Wellsford: Wellsford Community Centre, Matheson Rd
Tuesday 28 February, 3pm-7pm Warkworth: Masonic Lodge, Baxter St
Tuesday 28 February, 3pm-7pm Wellsford: Wellsford Community Centre, Matheson Rd

We encourage you to have your say on the Indicative Route prior to these consultation sessions. Your feedback will help shape the Fisher’s Point development. Let us know your thoughts before Friday 31 March 2017.

Connecting Communities

Warkworth to Wellsford

THE INDICATIVE ROUTE. Let us know your thoughts before Friday 31 March 2017.

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