

# Whangārei to Port Marsden Highway





# Project overview

The Whangārei to Port Marsden Highway project is an upgraded 22km four-lane corridor that will improve transport connections between Auckland and Whangārei.

Waka Kotahi is delivering the project with funding from the New Zealand Upgrade Programme.





# New Zealand Upgrade Programme

The New Zealand Upgrade Programme is investing \$6.8 billion to save lives, get our cities moving and boost productivity in the country's growth areas.

The programme will play a vital role in helping to stimulate the economy and support the country as it recovers from the impacts of COVID-19.

It supports a shift to greater transport choice - with a balanced investment in public transport, roads and walking and cycling.

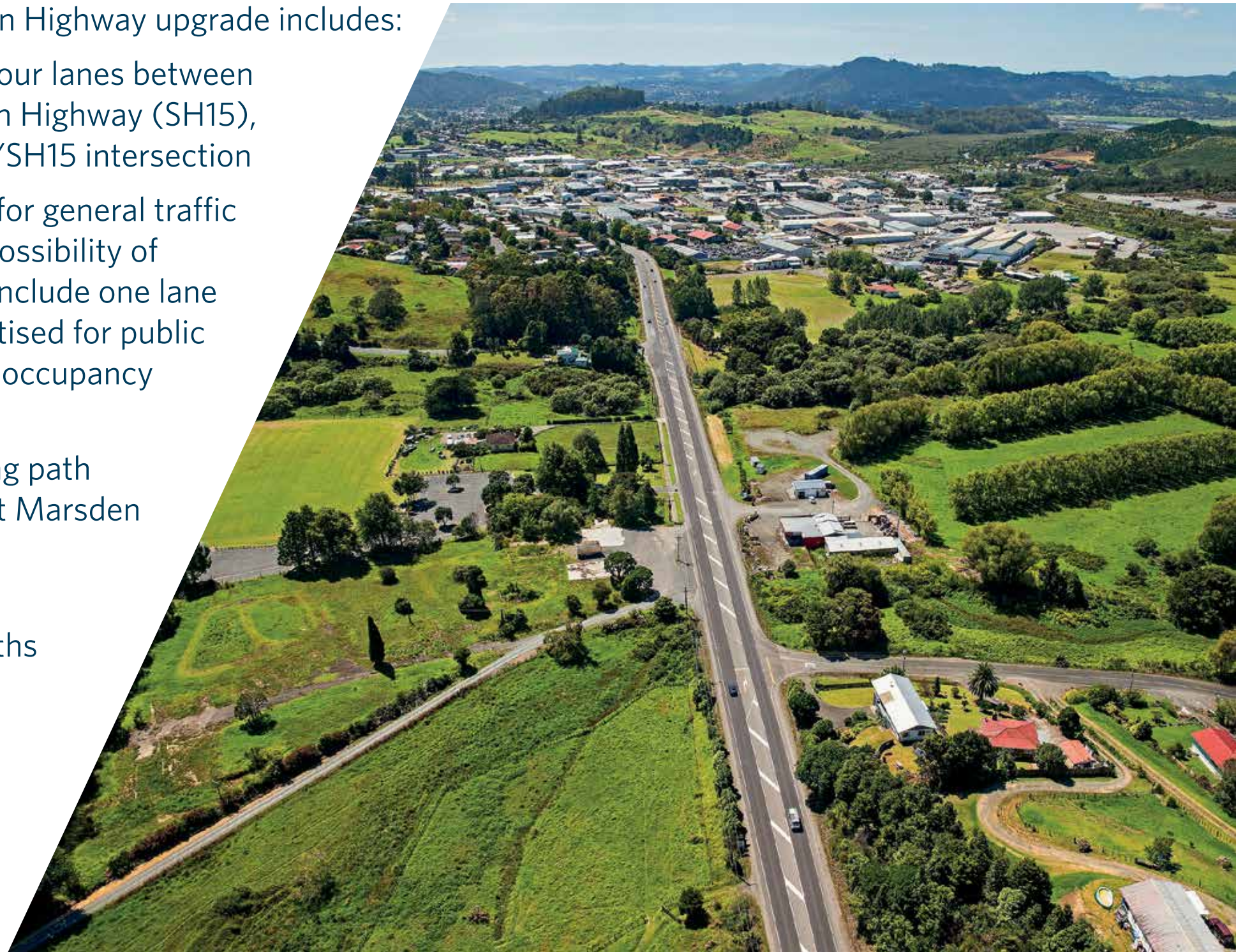




# Project scope

The Whangārei to Port Marsden Highway upgrade includes:

- Upgrading 22kms of SH1 to four lanes between Whangārei and Port Marsden Highway (SH15), including upgrading the SH1/SH15 intersection
- Two of the four lanes will be for general traffic and we're investigating the possibility of 'managed lanes.' This could include one lane in each direction being prioritised for public transport, freight or multiple occupancy private vehicles
- Separated walking and cycling path between Whangārei and Port Marsden Highway (SH15)
- Alignment with Road to Zero to reduce the number of deaths and serious injuries within the corridor.





# Project objectives

The objectives of the Whangārei to Port Marsden Highway project are to:

- Improve safety and resilience to support growth in freight and tourism, as well as providing safer connections for walking and cycling
- Significantly improve safety along the high-risk corridor
- Provide better access for freight traffic between Whangārei and Port Marsden Highway (SH15)
- Provide for inter-regional trips, including tourism travel by improving connectivity between the two growth areas of Whangārei and Ruakaka
- Support public transport in the Whangārei urban area





# Project history

## 2017

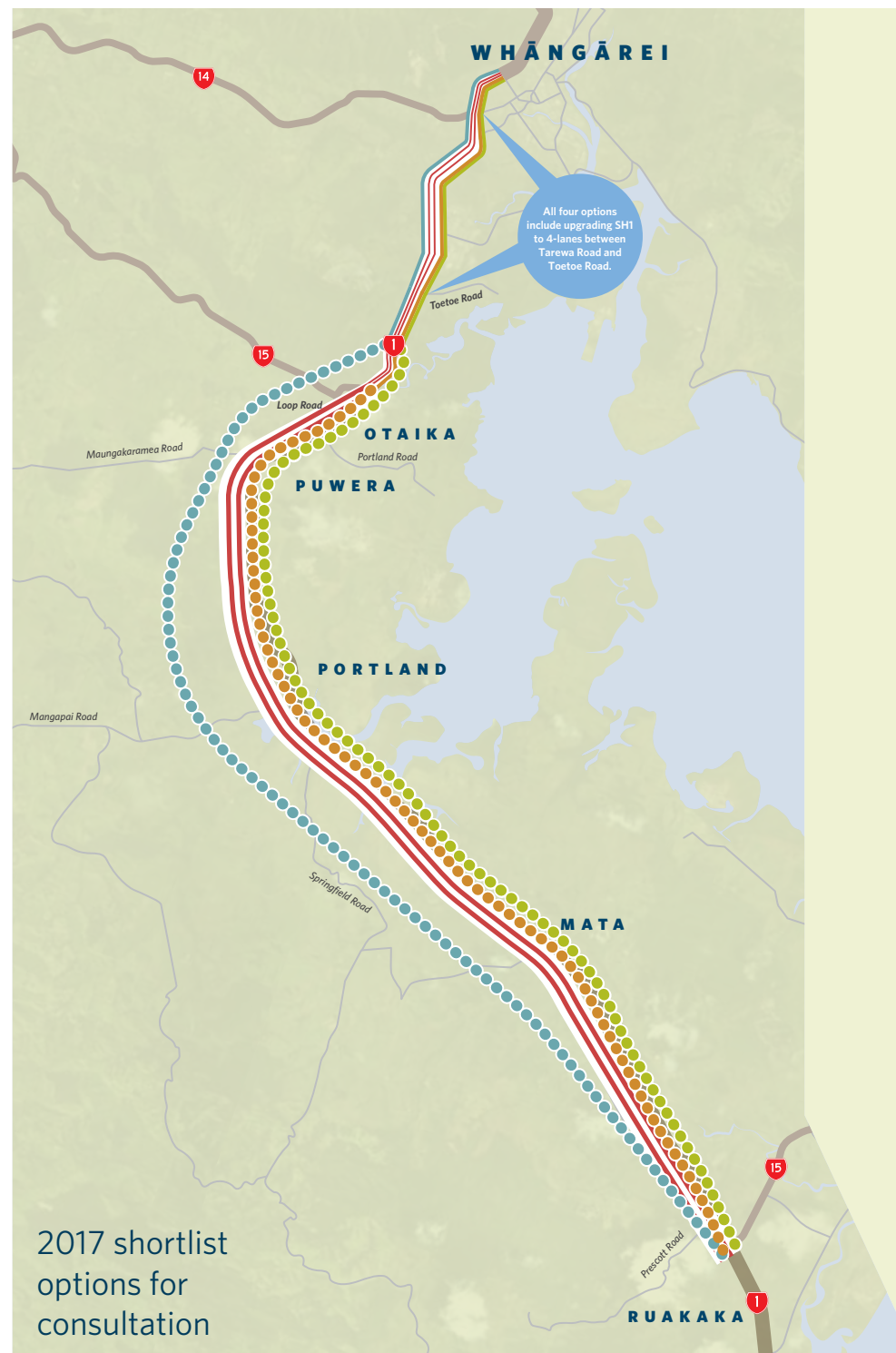
- Programme Business Case (PBC) completed recommending additional capacity between Whangārei and Port Marsden Highway (SH15)
- Single Stage Business Case (SSBC) commenced with four shortlisted route options identified and consulted on between Toetoe Road and Port Marsden Highway (SH15). Feedback also sought on widening urban section of SH1 to four lanes.

## 2018

- Whangārei to Te Hana PBC re-evaluated to align with GPS2018

## 2020

- Government announcement of NZ Upgrade Programme which includes \$692 million funding for Whangārei to Port Marsden Highway (SH15)



### OPTION A

Upgrading the current SH1 to a 4-lane highway, with some sections built offline to improve the road standard.

### OPTION B

Building a new 4-lane highway to the east.

### OPTION C

Building new 4-lane highway to the west.

### OPTION D

Upgrading the current SH1 for southbound travel and building a new 2-lane road to the west for northbound travel.

# Option development

## October 2020

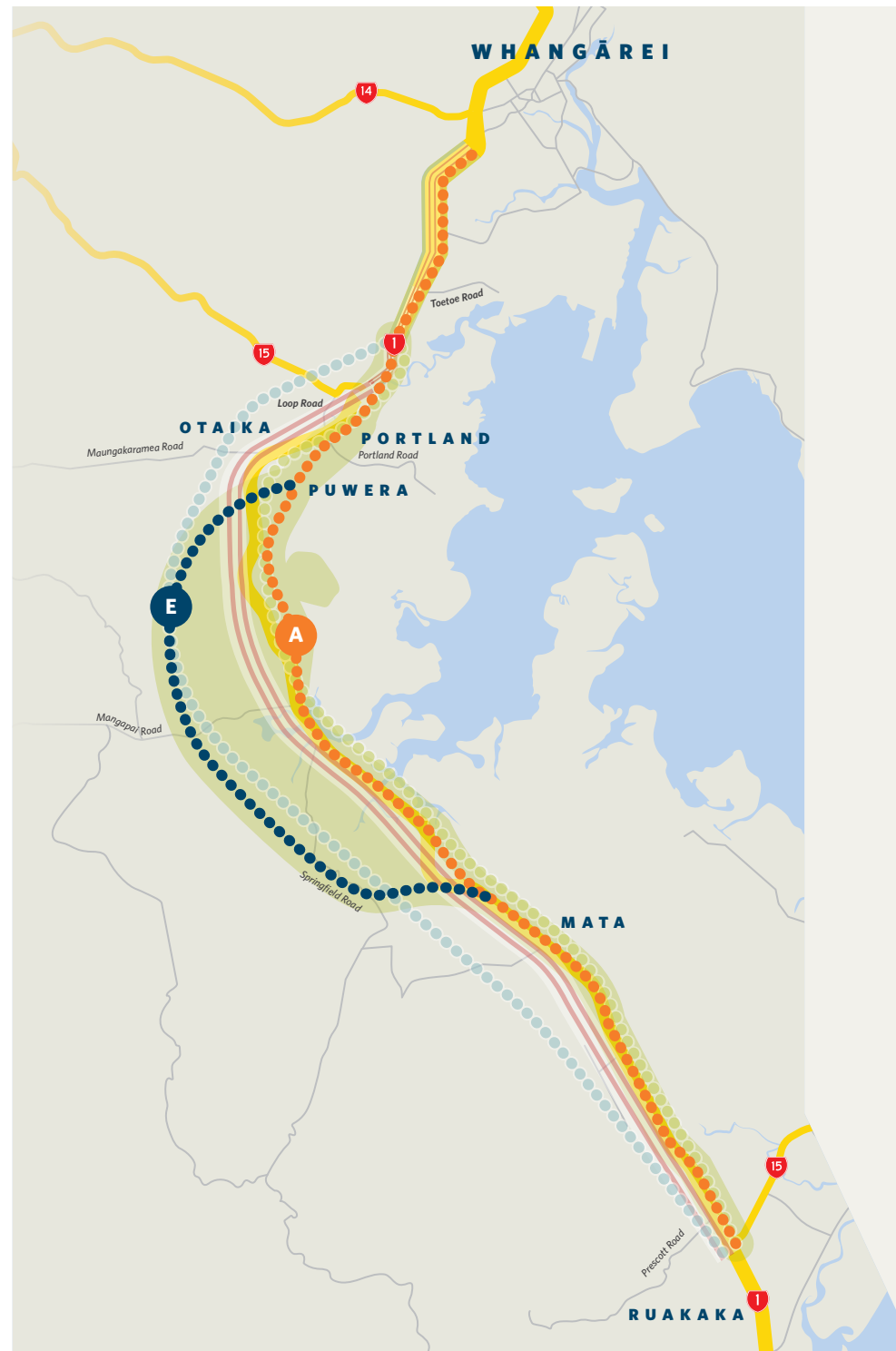
- Landowner and public consultation on two shortlisted options

## November 2020

- Communication of emerging preferred corridor to landowners

## December 2020 onwards

- Public engagement on emerging preferred corridor
- Ground investigations, technical assessments and consultation to refine emerging preferred corridor
- Confirmation of preferred corridor through development of business case



## REFINED OPTIONS

- **OPTION A** Upgrading the current SH1 to a 4-lane highway, with some sections built offline to improve the road standard.
  - **OPTION E** Hybrid option (a mix of option A and option C)
- Study Area

## ELIMINATED OPTIONS

- **OPTION B** Building a new 4-lane highway to the east.
- **OPTION C** Building new 4-lane highway to the west.
- ==== **OPTION D** Upgrading the current SH1 for southbound travel and building a new 2-lane road to the west for northbound travel.

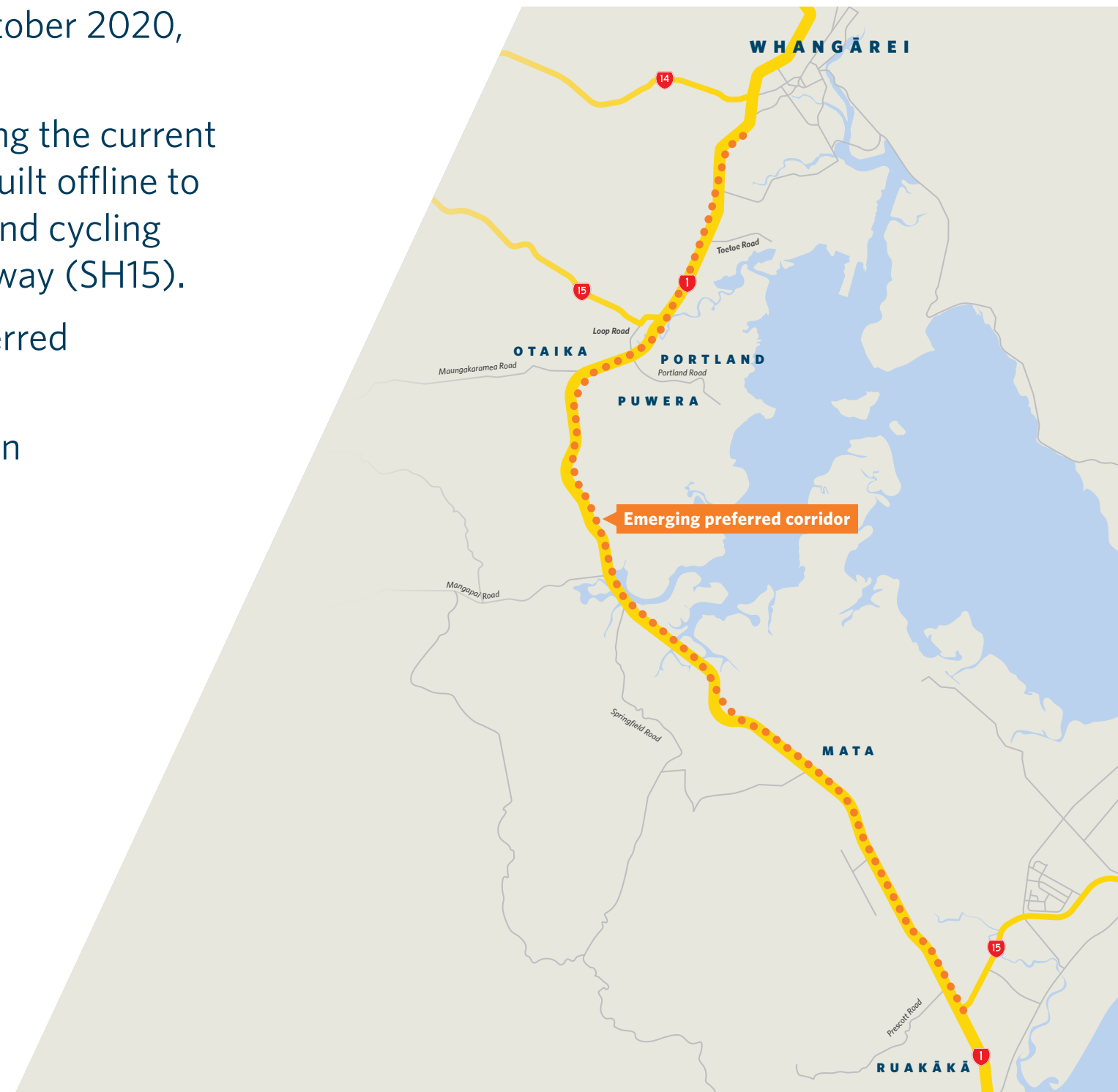
# Emerging preferred corridor

Of the two shortlisted options consulted on in October 2020, the emerging preferred corridor is 'Option A.'

The emerging preferred corridor includes upgrading the current state highway to four lanes (with some sections built offline to straighten out curves), with a separated walking and cycling path between Whangārei and Port Marsden Highway (SH15).

Option A has been selected as the emerging preferred corridor as it:

- provides for a shorter and more direct route than the shortlisted 'Option E'
- makes the best use of existing transport assets (being the existing SH1 corridor)
- supports a shared path adjacent to the upgraded corridor which will provide a shorter and direct route for pedestrians and cyclists





# Confirming the preferred corridor

Confirmation of the preferred corridor will occur through the development of the business case which is due for completion mid-2021:

- The width of the corridor currently varies between 25 – 250 metres and will be refined over the coming months through site investigations, landowner consultation and design work
- The design of the road within the emerging preferred corridor is at a very early stage of development. Design detail including the form of intersections, access points and location the shared path are not yet known
- The upgraded highway will have a centre median barrier, which will prevent right turns across the centre line. Corridor access for local roads and individual properties is under development and will be confirmed through design and consultation.





# Project timeline





# Questions

