

# The Mackays to Peka Peka Expressway

## How to use the Expressway and key connections



### A regional connection

The Mackays to Peka Peka Expressway will change how people move around the Kāpiti Coast district. Traffic volumes and patterns are expected to change as people get used to getting on and off the Expressway. People living and working locally will be able to use the Expressway, or continue to use the existing State Highway 1\* to travel between the town centres and around the district.

### A collaborative design process

The design decisions about all the Expressway's interchanges were made as part of the consent process before the construction work started. Those planning decisions had input from a range of stakeholders, including the Kāpiti Coast District Council and the NZ Transport Agency, and were made by the Environmental Protection Agency's Board of Inquiry on the Transport Agency's application to construct the Expressway.

### Getting on and off

There are two places on the 18km Expressway route where traffic can get on and off in both directions. Local traffic can choose to use these interchanges (at Kāpiti Road and Te Moana Road), as well as the existing State Highway 1 route (which will become a local arterial road once the Expressway opens), for regional journeys.

Poplar Avenue and Peka Peka Road have partial interchanges. This decision was made largely due to the Expressway being designed to operate as a regional rather than a local connection.

The decision also recognised that the existing state highway should become safer and more reliable for local traffic when the Expressway opens. Another consideration was around managing urban development along the Expressway route. An assessment of traffic impacts was done as part of this process.

## What is an interchange?

**An interchange is a grade-separated intersection, usually where one road passes over another, with ramps to connect them. They're designed to get you on and off Expressways smoothly.**

Interchanges connect with key roads on the local road network and a lot of study and collaborative planning has gone into where these connection points should be. They help to get trucks and other through-traffic on and off local roads as efficiently as possible.

**The Mackays to Peka Peka Expressway has four interchanges; two full and two partial. A partial interchange is where you can get off the Expressway in one direction, and onto it from the other. A full interchange is where you can get on and off in both directions. The four Expressway interchanges are located at:**

- Poplar Avenue
- Kāpiti Road (Paraparaumu)
- Te Moana Road (Waikanae)
- Peka Peka Road



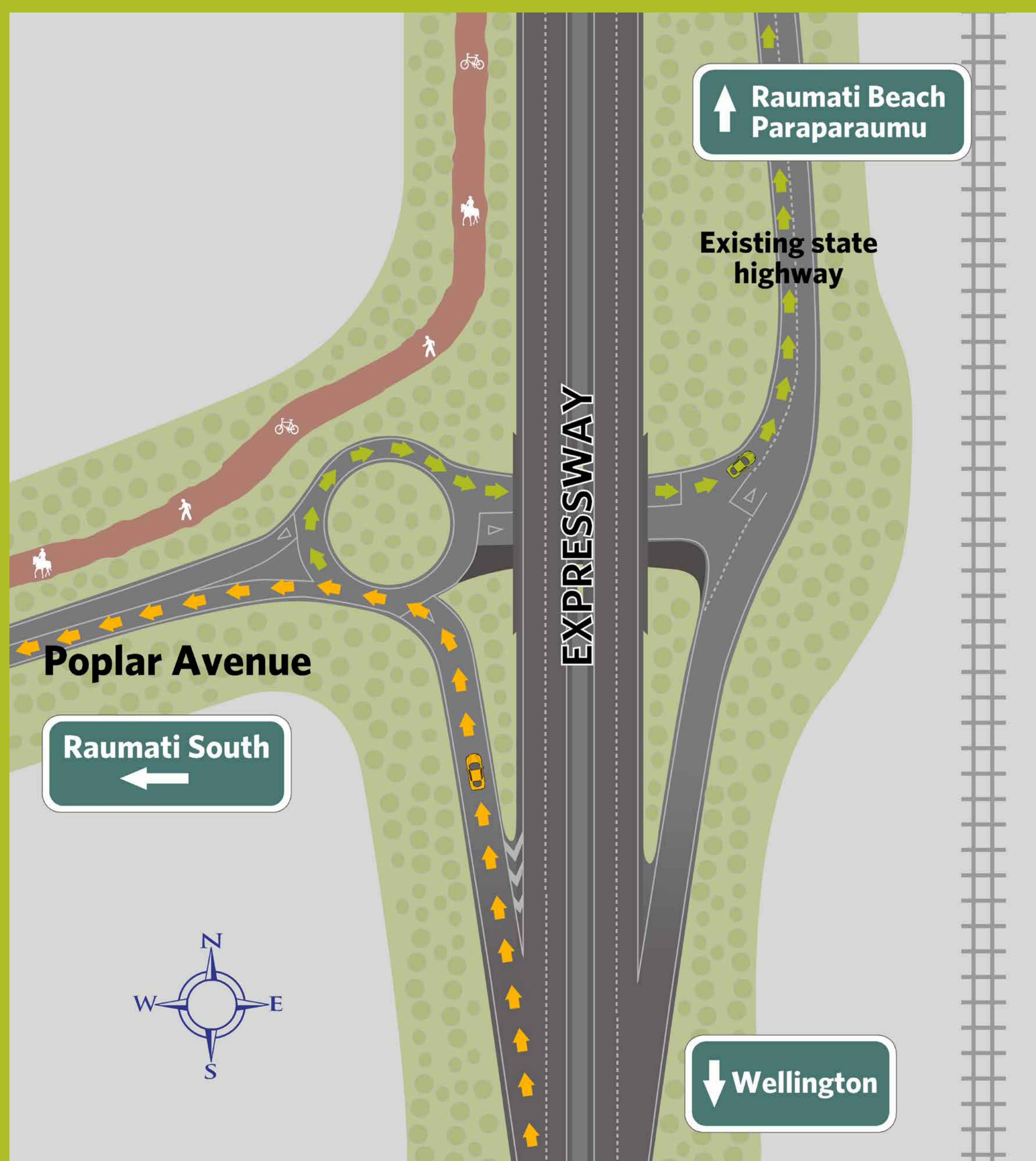
\*Within two years of Expressway opening, the stretch of existing State Highway 1 between Poplar Avenue in Raumati South and Te Kowhai Road in Peka Peka will no longer be required to operate as a state highway. It will become a fit-for-purpose local road.



# Poplar Avenue Interchange

## Heading north

If you're coming from Wellington, you'll join the new Expressway at Mackays Crossing just north of Paekakariki. From here, you can continue using the Expressway to travel north. Raumati residents wanting to travel north on the Expressway will use the Kāpiti Road Interchange because there is no on-ramp north from Poplar Avenue.



### Getting off the Expressway while heading north to go down Poplar Avenue or to use the existing state highway.

If you want to leave the Expressway and go to Raumati South, you'll use the northbound off-ramp and exit onto Poplar Avenue by turning left at the roundabout at the end of the off-ramp.

If you're travelling north and want to get to Paraparaumu, or to use the existing state highway, you can take the off-ramp, and use the roundabout and T-intersection to exit onto the existing state highway. (Alternatively, you could use the Kāpiti Road Interchange to get to Paraparaumu).

**This is the first partial interchange you'll come across on the new Mackays to Peka Peka Expressway if you're heading north through the Kāpiti Coast from Wellington.**

It's got a northbound off-ramp from Wellington, and a southbound on-ramp to Wellington. Poplar Avenue will extend under the Expressway to connect with the existing state highway. A roundabout and T-intersection will connect local roads to the Expressway on and off-ramp.

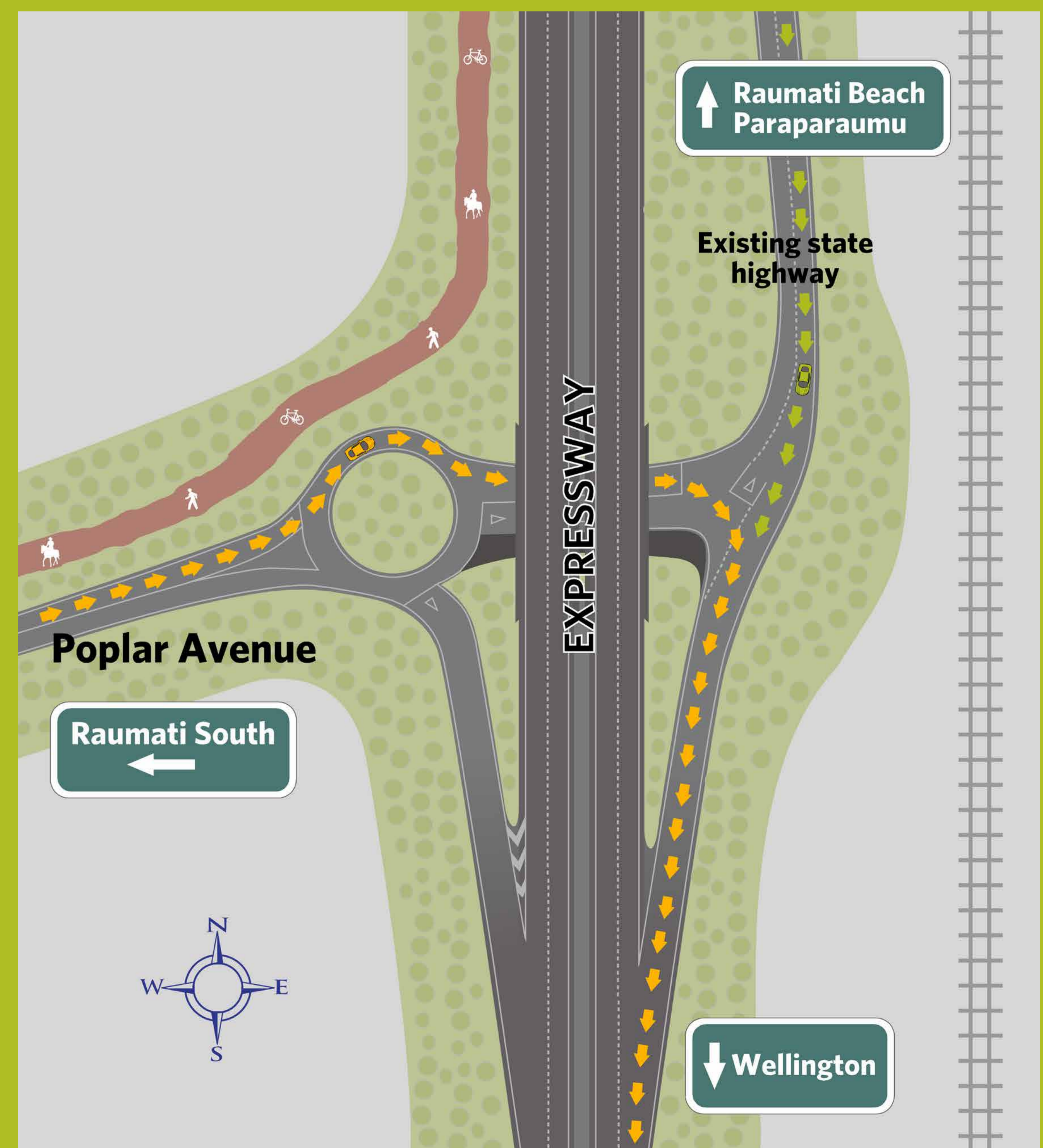
Locals will have the choice to use the Expressway or the existing state highway\* to move around the Kāpiti Coast.

### Future plans

A second roundabout will be built to replace the T-intersection at a time after the Expressway is open to traffic. This is because the Expressway will take the state highway traffic off this stretch of road and with less cars, we'll have the space we need to build this additional roundabout safely.

## Heading south

If you're heading south on the Expressway and want to get to Raumati South, you'll need to get off at the Kāpiti Road Interchange, because there is no southbound off-ramp at this interchange.



### Getting onto the Expressway to head south from Poplar Avenue or from the existing state highway.

If you're travelling from Poplar Avenue or Raumati South and want to go south towards Wellington, you'll go straight through the first roundabout, under the Expressway and turn right at the intersection to take the on-ramp that takes you south towards Mackays Crossing.

If you're travelling south from Paraparaumu on the existing state highway, you'll use the on-ramp at the interchange to get onto the Expressway to continue south.

\*Within two years of Expressway opening, the stretch of existing State Highway 1 between Poplar Avenue in Raumati South and Te Kowhai Road in Peka Peka will no longer be required to operate as a state highway. It will become a fit-for-purpose local road.



# Kāpiti Road Interchange

If you live in Paraparaumu, Paraparaumu Beach or Raumati, your key connection to the Expressway will be the Kāpiti Road Interchange. Alternatively, you can continue using the existing state highway as your connection in and around the district.

This is a full interchange because it has a full set of on and off-ramps providing entry and exit both north and south. To manage these extra movements safely, traffic signals at off-ramps and an 'intelligent' control system will continually improve signal phasings and smooth traffic flows.

In partnership with the Kāpiti Coast District Council, Kāpiti Road is being rebuilt in preparation for the interchange. The new Kāpiti Road layout will feature:

- two lanes in each direction between Te Roto Drive and west of Arawhata Road to keep through-traffic flowing
- two extra turning lanes for vehicles turning right onto the Expressway
- cycle lanes and footpaths on Kāpiti Road to provide space for pedestrians and cyclists
- two-lane off-ramps to separate turning traffic
- a signal-controlled crossing for the new shared cycleway, walkway and bridleway that runs for 16km alongside the Expressway.

## GETTING OFF



### HEADING NORTH

If you're travelling on the Expressway heading north you can exit using the off-ramp to get onto Kāpiti Road



### HEADING SOUTH

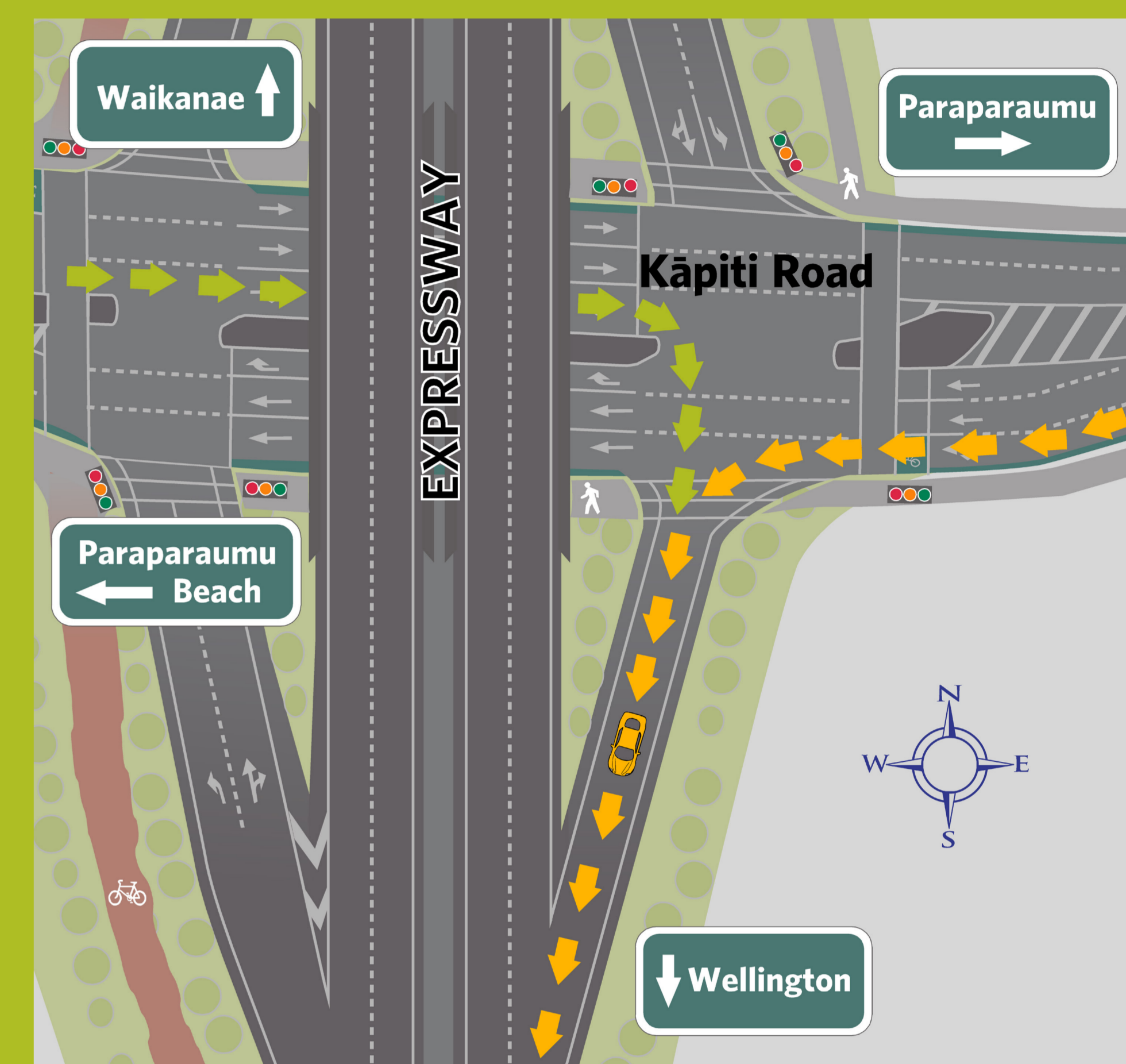
If you're travelling on the Expressway heading south you can exit using the off-ramp to get onto Kāpiti Road.

## GETTING ON



### HEADING NORTH

If you're travelling on Kāpiti Road, you can use the on-ramp to head north towards Waikanae on the Expressway.



### HEADING SOUTH

If you're travelling on Kāpiti Road, you can use the on-ramp to head south towards Wellington on the Expressway.

# Te Moana Road Interchange

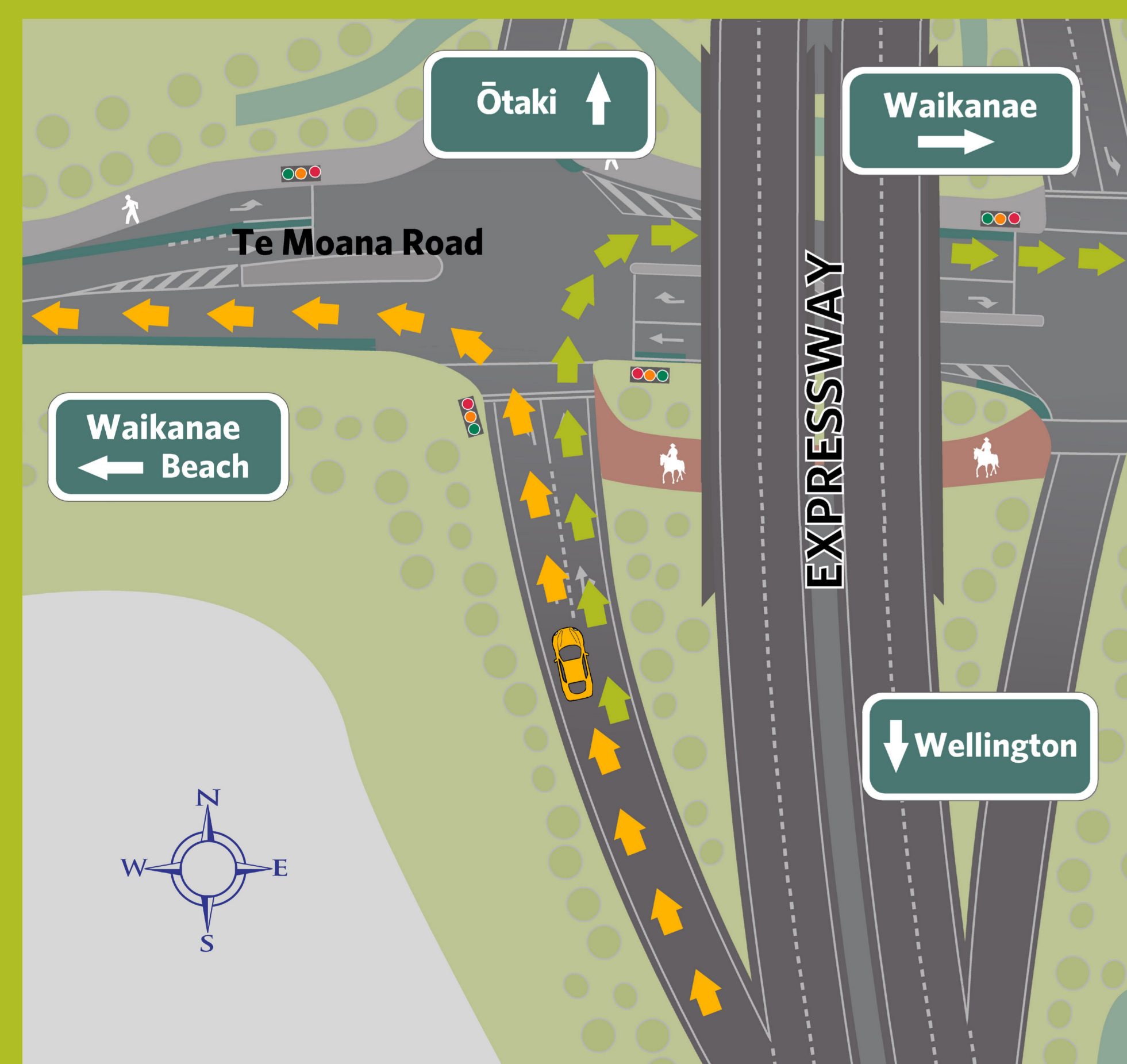
If you live in Waikanae, Waikanae Beach or Peka Peka, your key connection to the Expressway will be the full interchange at Te Moana Road. This is a full interchange because it has a full set of on and off-ramps providing entry and exit both north and south.

If you want to travel north from Waikanae, you can use Te Moana Road Interchange, or the Peka Peka partial interchange which will have an on-ramp northbound and an off-ramp southbound.

And if you are heading south towards Waikanae, you can choose to exit via the partial interchange at Peka Peka, the full interchange at Te Moana Road or the existing state highway.

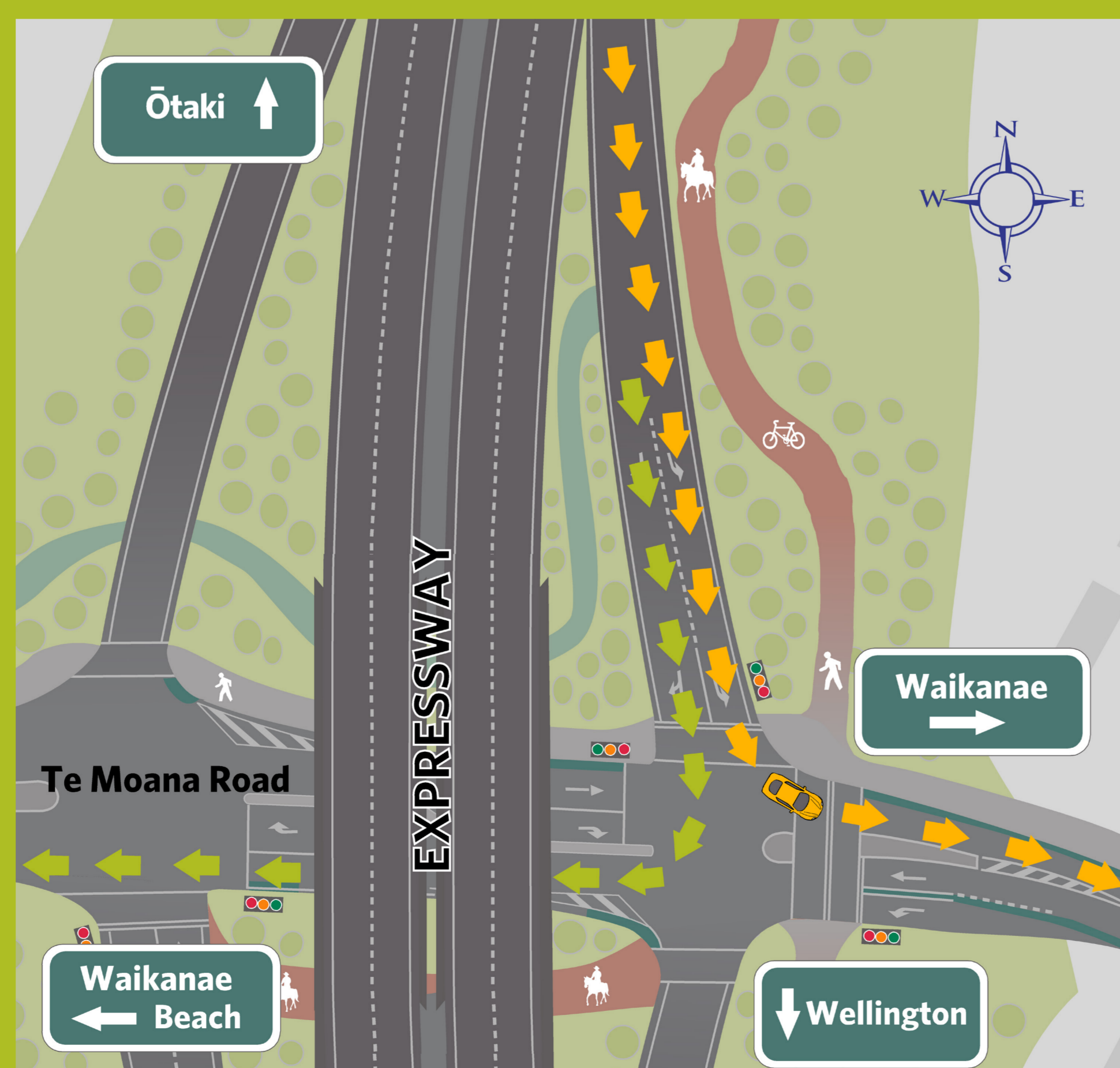
At the new interchange, Te Moana Road features cycle lanes and new footpaths. The road will also be widened and traffic signals installed at the on and off-ramps so you can easily turn on and off the Expressway.

## GETTING OFF



### HEADING NORTH

If you're travelling on the Expressway heading north you can exit using the off-ramp to get onto Te Moana Road.



### HEADING SOUTH

If you're travelling on the Expressway heading south you can exit using the off-ramp to get onto Te Moana Road.

## GETTING ON



### HEADING NORTH

If you're travelling on Te Moana Road, you can use the on-ramp to head north towards Peka Peka on the Expressway.



### HEADING SOUTH

If you're travelling on Te Moana Road, you can use the on-ramp to head south towards Wellington on the Expressway.

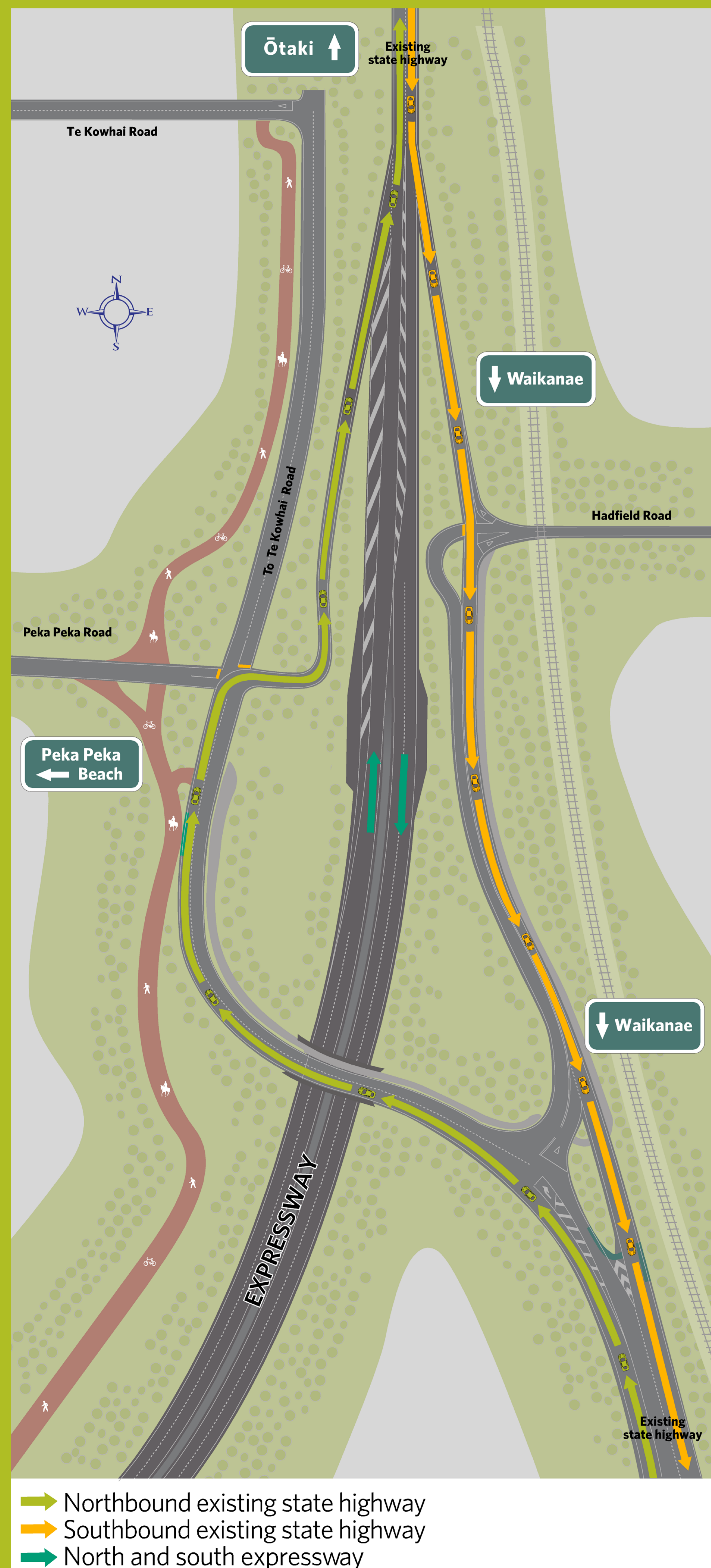


# The Peka Peka Road Interchange

At the northern end the Expressway connects with the existing state highway. This is a partial interchange, where you can head north from the existing state highway and local roads onto the last part of the Expressway towards Ōtaki, or you can get off using a southbound off-ramp that connects with the local road towards Waikanae. You can also use this off-ramp to drive over the Expressway to get to Peka Peka Beach.

## Travelling between Waikanae and Ōtaki

People who travel between Waikanae and Ōtaki, and don't need to access Peka Peka will have two options at this interchange for heading north and south. You will be able to use the Expressway or you can use the existing state highway (using new link roads when the Expressway opens).



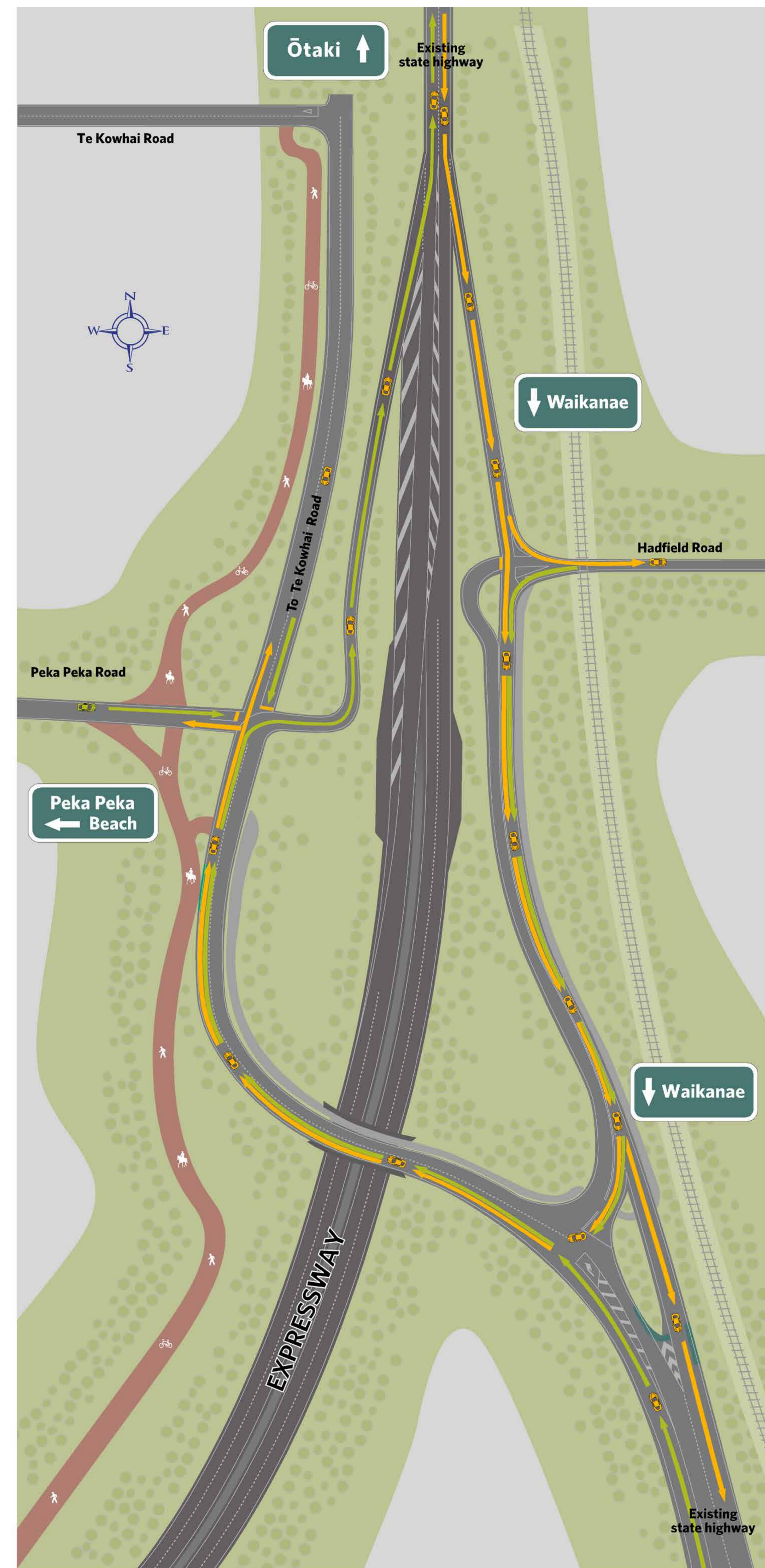
## Options to and from Peka Peka when the Expressway opens

**Going south:** There's no direct connection from Peka Peka onto the Expressway to go south at this interchange, so if you want to head south on the Expressway from the Peka Peka area, you can use the Te Moana Road Interchange at Waikanae. The existing State Highway 1 route is your other option for driving south - from Peka Peka Road you can turn right at the link road intersection to drive south over the bridge towards Waikanae. You can also get to and from Te Kowhai Road at this intersection. (After the Expressway is open there'll be some more work done to make the Peka Peka Road intersection a roundabout.)

**Going north:** If you joined the Expressway to the south of Peka Peka and want to finish your journey at Peka Peka, you'll need to use the off-ramp at Te Moana Road Interchange and then travel to Peka Peka on local roads.

## Using the on-ramp heading north to Ōtaki

If you're travelling along the existing state highway heading north from Waikanae or from Peka Peka Road, Te Kowhai Road or Hadfield and Octavius Roads, you can use the Expressway on-ramp to go north towards Ōtaki.



- Green arrow: Options heading north
- Orange arrow: Options heading south

## Using the off-ramp heading south from Ōtaki

If you're travelling from Ōtaki heading south you can turn off at Peka Peka using the Expressway off-ramp to get onto the local road to continue south (that's the existing state highway).

You can also use the southern off-ramp to connect to a new local link road and drive across to Peka Peka Road, over the Expressway, towards the beach or, you can travel through to Te Kowhai Road. You can also use this southbound off-ramp to get to Hadfield or Octavius Roads.



# A shared pathway: the Mackays to Peka Peka cycleway, walkway and bridleway

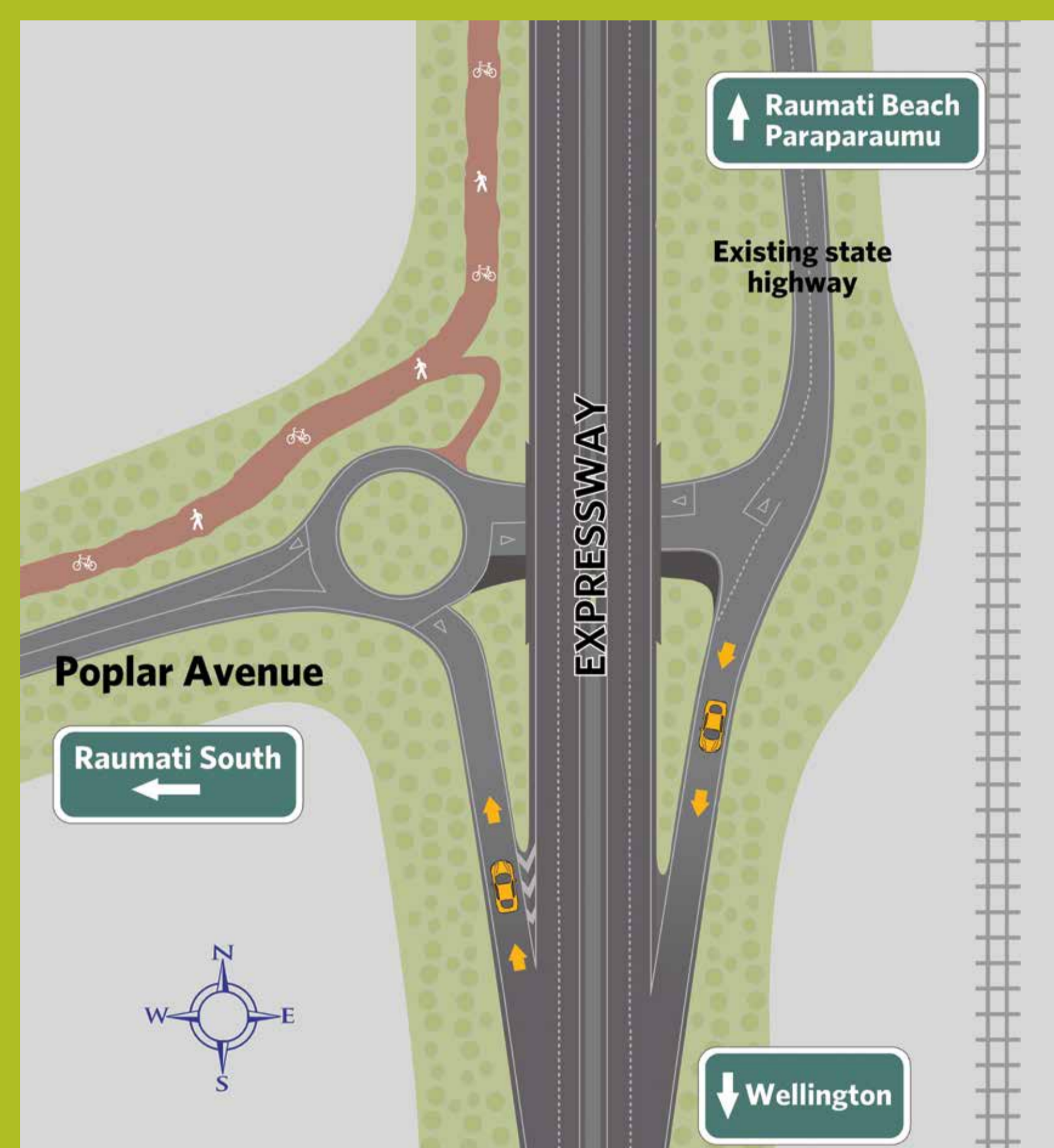
As well as providing a long-awaited connection for motorists, the Mackays to Peka Peka Expressway will deliver a unique community asset that will greatly improve cycling, walking and horse riding facilities on the Kāpiti Coast.

The Expressway includes a 16 kilometre shared cycleway and walkway, with bridleway sections, running alongside the 18 kilometre Expressway. The shared pathway will tie in with local roads and existing cycle tracks and walkways. It will include interpretive signage and information about the area each section runs through.

There will be a 3 metre-wide loose chip or sealed surface for cyclists and pedestrians, with a 1 metre-wide grass pathway for horses and riders in most sections. The shared pathway has been designed to accommodate horses, but there will be restrictions in some parts and signage will point out the recommended bridleway routes.

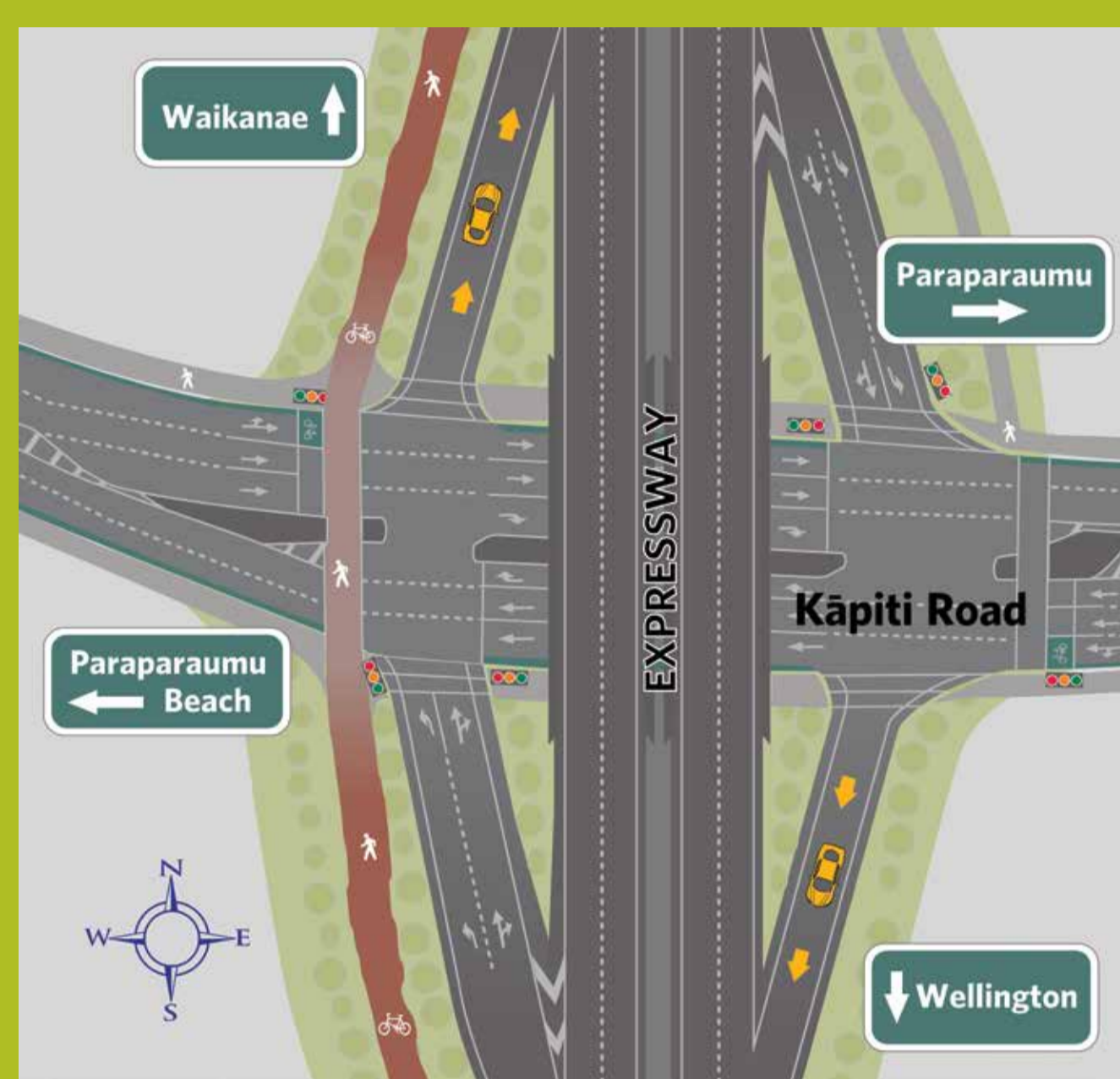
## Connections and crossings

Once the Expressway is up and running, the shared pathway will connect to crossing points at each of the four interchanges. At the full Kāpiti Road and Te Moana Road interchanges, these will be controlled by pedestrian crossing lights.



### Poplar Avenue

At Poplar Avenue people can get on the shared pathway to go north. There'll also be a connection here to go south (via Poplar Avenue) on the Greater Wellington Regional Council's shared cycleway/walkway through Queen Elizabeth Park to Paekākāriki.



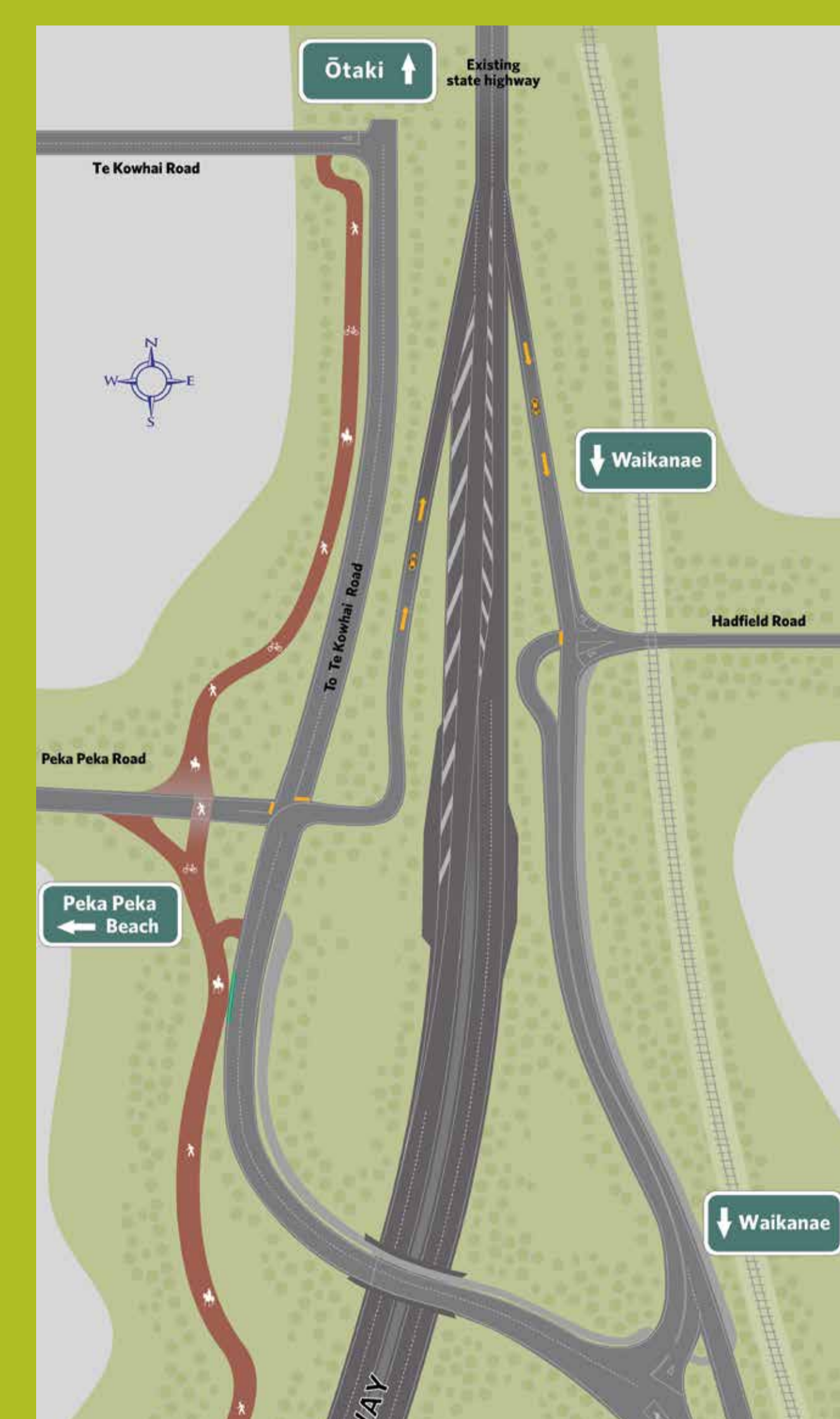
### Kāpiti Road

Here you'll connect to the shared pathway from Kāpiti Road on the west side of the Expressway. If you're already on the shared pathway and you reach Kāpiti Road, you'll need to push the crossing button, wait for the green man to indicate that it's safe to cross, and then cross the road to connect to the other entrance to continue along the path. (Because of the traffic volumes in this area, horses shouldn't use this section of the pathway.)



### Te Moana Road

Connecting to Te Moana Road on the east side of the Expressway, cyclists, pedestrians and horse riders will be able to connect here to go north or south – using the Expressway shared path and local pathway routes. Like Kāpiti Road, if you're already on the pathway and you reach Te Moana Road, you'll need to push one of the crossing buttons (there is one for pedestrians/cyclists and one for horses). Wait for the green symbol to indicate that it's safe to cross, and then cross the road to connect to the other entrance to continue along the path.



### Peka Peka

Pathway users can connect here on either side of Peka Peka Road to go north towards Te Kowhai Road, or south to make the most of the 16 kilometres of pathway connections.

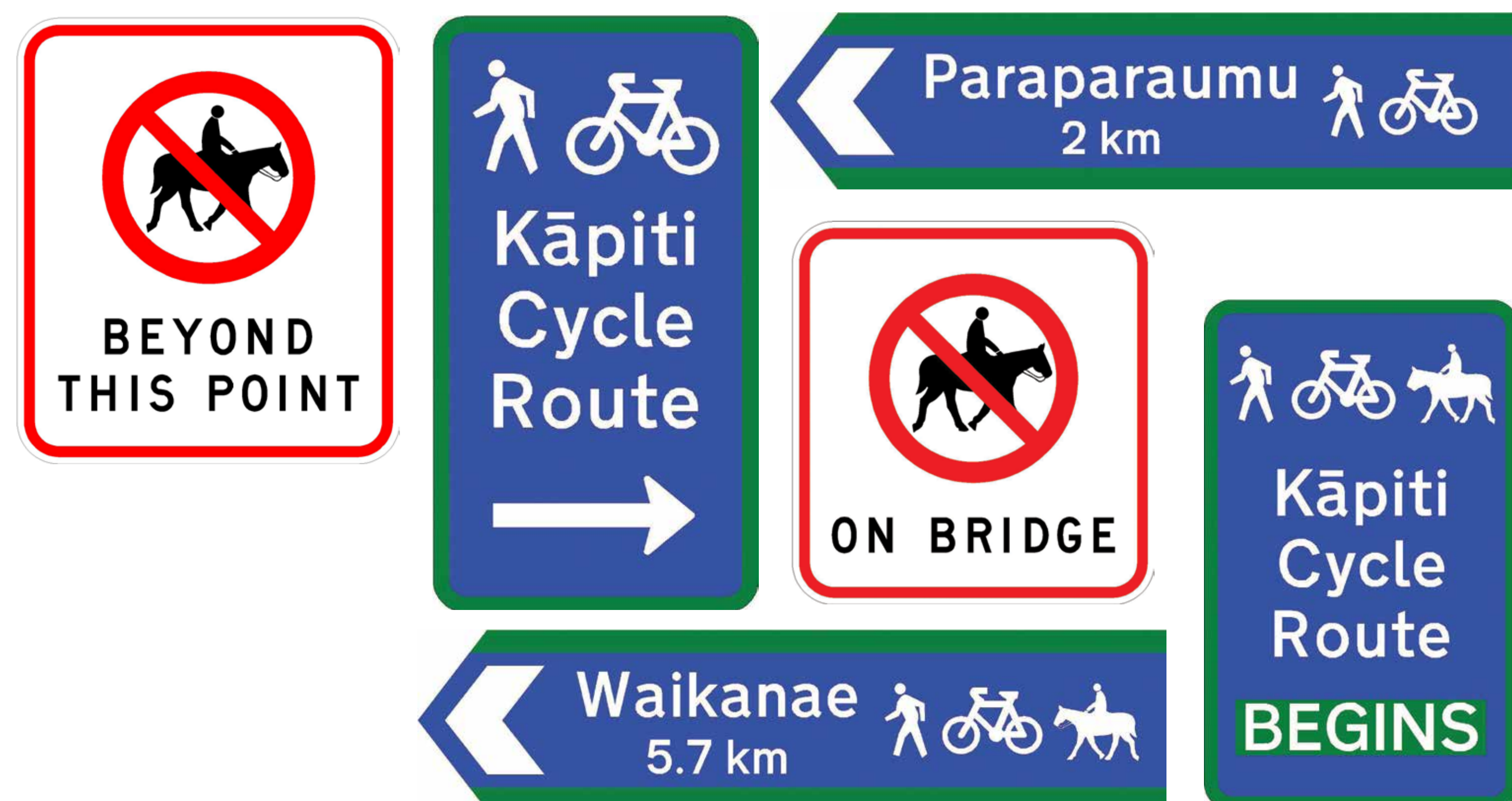
## Local connections

The shared pathway will connect with local roads throughout the region, including:

- Access from/via Leinster Ave and Rongomau Lane including the Rongomau footbridge over the Expressway
- A link from Harry Shaw Way
- A connection into Fincham Way for horses
- Access off Raumatī Road to the west of the Raumatī Road Expressway bridge
- A link from Kiwi Road
- A link to the Wharemauku Stream recreation corridor via Rata Road
- A connection with the Wharemauku Stream recreation corridor and Wharemauku Stream shared pathway bridge
- Access via Makarini Street using the Makarini Footbridge
- Connections with Mazengarb and Otaihangā Roads
- Access via Kauri Road and both sides of the Waikanae River Recreation Corridor
- Access via Puriri Road
- Access via Ngarara Road and the new Ngā Manu Access Road
- A connection with Smithfield Road

## Unique east-west connections

The shared pathway will also connect with two footbridges across the Expressway for pedestrians and cyclists (horses are not allowed) at Makarini Street and Rongomau Lane (inset pics). These footbridges have been designed to be unique, bold and sculptural, with the Rongomau Footbridge taking the shape of an eel. Both footbridges feature two ramps at either end, lighting, transparent balustrades, planting and an anti-graffiti coating. Both bridges will have steel coverings to disguise structural elements to help them fit in with their surroundings.



## Sharing the path

Shared pathways are created for everyone to enjoy, which means all users need to be considerate of other users. Everyone using shared paths are required by law to use the paths fairly and safely, and to try and not hold anyone up.

So once it's up and running and you're out enjoying this great new addition to what the Coast has to offer, please make sure you:

- observe all the directional signage which is there for everyone's safety
- keep to the left
- make others aware that you're there
- pass each other safely
- cross roads with care and give way to vehicles.

**Horses won't be able to use the Raumatī or Waikanae road bridges or the two footbridges.**