

# SOUTHWEST GATEWAY PROGRAMME

The Southwest Gateway Programme consists of three connected transport projects that will provide greater choice and reliability for travel around south and east Auckland, including to and from the airport.

The programme will provide better public transport, and walking and cycling facilities, as well as improving safety and efficiency of freight movements.

**Airport to Botany Rapid Transit** will deliver a frequent rapid transit system between the airport, Manukau and Botany. It will improve transport choice, reliability, and journey times and connect to the rail network at Manukau Station and an upgraded Puhinui Station Interchange.

**20Connect** will improve journey reliability and safety along State Highways 20, 20A and 20B. It will provide priority lanes for public transport, improve access and safety as well as better walking and cycling connections.

**Auckland Airport Precinct Improvements** will deliver consistent, reliable journeys on a network that supports a shift to public transport options.



Source: AT Customer Insights Research 2017

## TIMELINE

### EARLY IMPROVEMENTS

#### LATE 2019

Construction starts on:

- Puhinui Station upgrade
- SH20B priority lanes, walking and cycling facilities and new/upgraded intersections
- Airport Precinct priority improvements

#### EARLY 2020

Construction starts on Puhinui Road and Lambie Drive bus priority lanes, walking and cycling facilities and new/upgraded intersections and pedestrian crossings

#### 2021

Early improvements complete and new bus services between the airport, Puhinui and Manukau and other centres are in operation

### LONG TERM IMPROVEMENTS

#### LATE 2019

Develop business cases and gather feedback on preferred options for Airport to Botany Rapid Transit and 20Connect

#### 2020+

Refine preferred options and route protection for Airport to Botany Rapid Transit and 20Connect

#### ONGOING PUBLIC ENGAGEMENT

#### 2025+

Staged construction of long-term improvements  
\*subject to approvals and funding availability



# A CONNECTED TRANSPORT SYSTEM

A million more people are expected to call Auckland home in the next 30 years and improved transport networks will be critical to support this growth.

The Airport to Botany Rapid Transit is one of many public transport projects underway or planned across the region.

It will work alongside other initiatives such as the Eastern Busway, Supporting Growth and the proposed City Centre to Māngere Light Rail projects to create a connected transport system that delivers improved accessibility.

It will fill a missing link in the rapid transit network between the airport, Manukau and Botany and connect south and east Auckland the rest of the region via high-quality rapid transit connections to bus and train interchanges.

The connections will enable better use of existing investment in the rail network with access to the southern and eastern train lines at Manukau and Puhinui.

## AIRPORT TO BOTANY RAPID TRANSIT - MODE

By 2021, electric buses will be introduced between the airport, Puhinui Station Interchange and Manukau. In the medium-term, these services will be extended to Botany.

Over time, as demand increases high-capacity bus rapid transit vehicles will provide a 'turn-up-and-go' experience. The vehicle and station design will ensure services are accessible, fast and reliable.

### 2021 — AirportLink



### FUTURE BUS RAPID TRANSIT



## CURRENT AND PROPOSED RAPID TRANSIT NETWORK

Indicative station locations



- KEY**
- Airport to Botany Rapid Transit
  - Southern Train Line
  - Eastern Train Line
  - Western Train Line
  - Northwestern Busway
  - Eastern Busway
  - City Centre to Māngere Light Rail
  - Station
  - Metropolitan Centre
  - ◻ Major Interchange



# AIRPORT TO BOTANY RAPID TRANSIT

This project will deliver a fast, frequent and affordable rapid transit between the airport, Manukau and Botany. It will travel along a fully separated congestion-free corridor, through key centres and development areas.

Rapid transit will support urban regeneration and fill a missing link in Auckland's rapid transit network, with connections to local buses, the Eastern Busway and the southern and eastern train lines.

## RAPID TRANSIT STATIONS

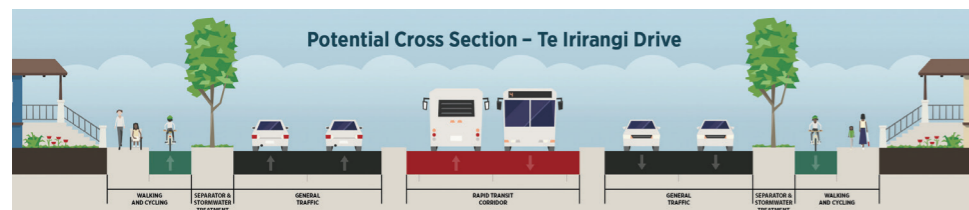
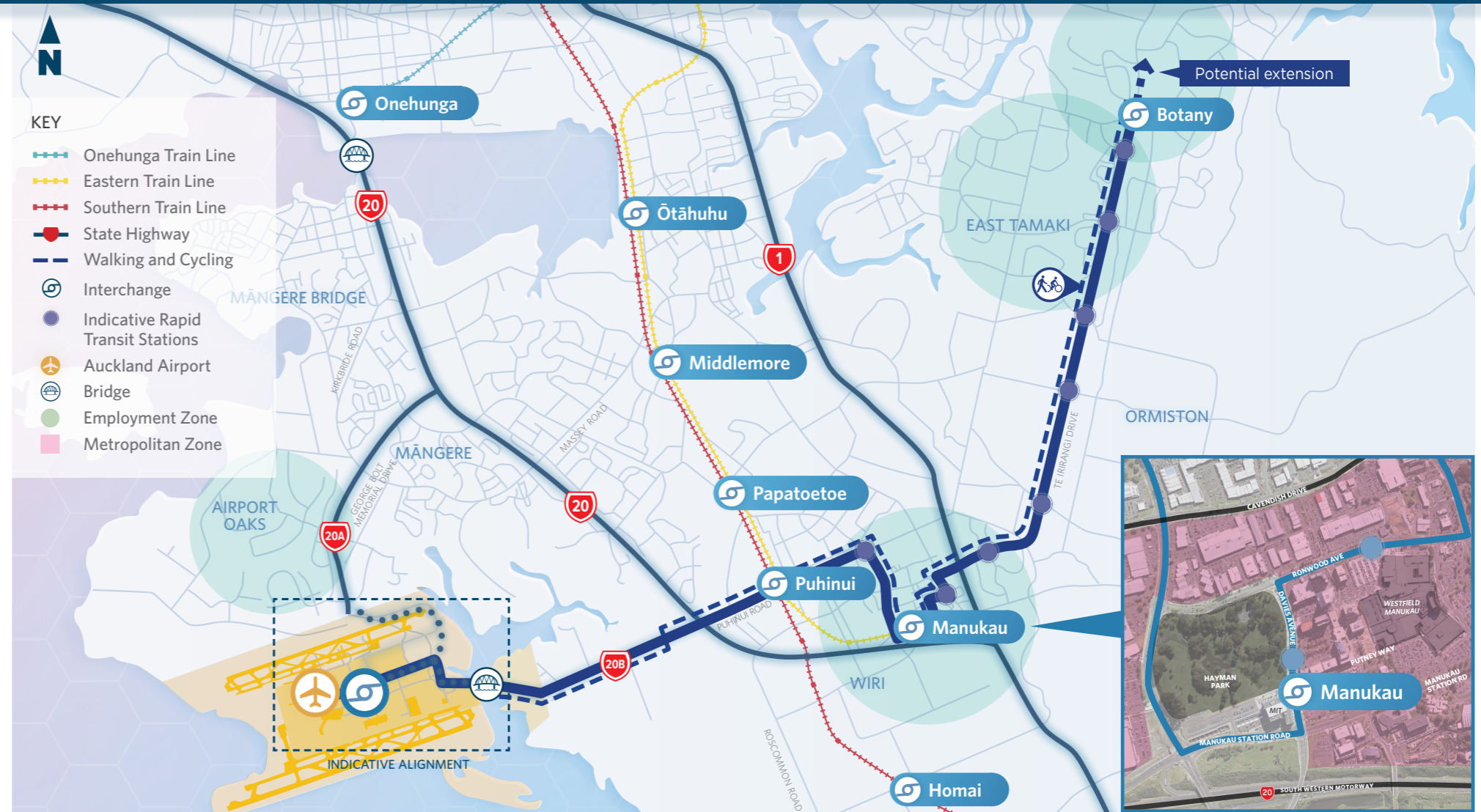
Stations will provide connections to local bus services, and will be located near town centres, employment hubs and residential areas.

### MANUKAU CENTRE

Two rapid transit stations in Manukau will improve access to planned town centre developments, offices, housing and schools and encourage economic growth.

### BOTANY STATION

A high-quality station will provide easy transfers between local buses and rapid transit services. It will be built as part of the Eastern Busway project.



**18km of congestion-free rapid transit**

**12 km of new walking and cycling facilities will be provided**

**36-40 min**

**Reliable 36 - 40 minute journey between Auckland Airport and Botany**

Airport to Botany Rapid Transit Journeys		Fare
18-19 min	Airport — Manukau	\$1.95*
18-21 min	Manukau — Botany	\$1.95*
31-33 min	Airport — Puhinui — Papakura	\$3.45*
36-40 min	Airport — Botany	\$1.95*
45-50 min	Airport — Puhinui — Britomart	\$4.90*

\* AT Hop Card - 2019 one way adult fare



# 20CONNECT

20Connect will improve journey reliability and safety along State Highways 20, 20A and 20B and provide more choice when travelling around southwest Auckland, including to and from the airport.

Improvements identified will encourage freight and heavy vehicles from local roads to the state highway network.

20B

### State Highway 20B:

To support future rapid transit and improve capacity for people and freight, in the long-term SH20B will be a four-lane expressway with a dedicated rapid transit corridor and walking and cycling facilities.

20

### State Highway 20:

Additional lanes and dedicated walking and cycling facilities will be provided on SH20 to allow for airport and business growth and provide transport choice.



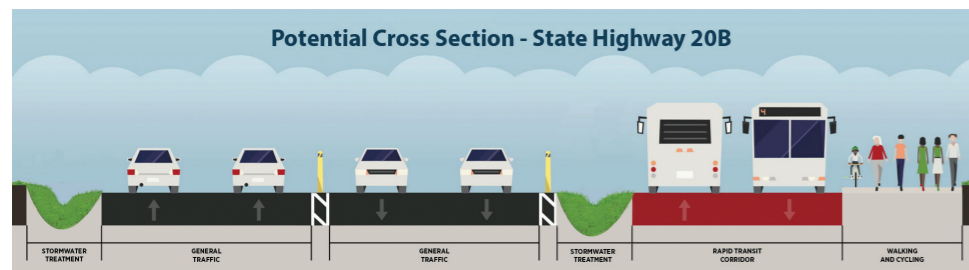
### State Highway 20B/20 connection:

A new southbound ramp from SH20B to SH20 will enable rapid transit to move smoothly through the intersection, while improving safety and access to the south from the airport.



### State Highway 20A/20 connection:

A new southbound ramp will improve freight movements from the airport and surrounding industrial areas and remove heavy vehicles from local roads.



Freight will travel through 3 intersections instead of 8 — keeping local roads for local people



12 km of new walking and cycling facilities to connect communities and improve travel choice



Travel time on SH20B eastbound in the PM peak will reduce from 35 to 5 minutes



# EARLY IMPROVEMENTS — BY 2021

The first stage of the Southwest Gateway programme is underway. Puhinui Station is being upgraded to provide a high-quality interchange to allow for easy connections between bus and train.

Other early improvements include priority lanes, new and upgraded intersections and improved walking and cycling connections along State Highway 20B, Puhinui Road and Lambie Drive that integrate with improved transport facilities in the airport precinct.

The priority lanes will allow for a new, frequent **AirportLink** bus service between the airport, Puhinui Station Interchange and Manukau, which will replace the southern section of the existing 380 bus service.

A new 36 bus service will link local town centres between Onehunga and Manukau, via Papatoetoe.



## AirportLink Journeys

Journey	Fare
10-12 min Airport — Puhinui	\$1.95*
23-25 min Airport — Manukau	\$1.95*
31-34 min Airport — Puhinui — Papakura	\$3.45*
45-50 min Airport — Puhinui — Britomart	\$4.90*

\* AT Hop Card - 2019 one way adult fare

- 10-12 minute bus journey between the airport and the Puhinui Station Interchange
- Improved station safety, amenity and facilities
- Improved access to employment areas in Manukau and the airport
- More reliable and timely travel choices around south and east Auckland
- Fast and easy connections to southern and eastern train lines
- Progress towards long-term transport, social and economic outcomes



# PUHINUI ROAD AND LAMBIE DRIVE IMPROVEMENTS

The **AirportLink** bus service will connect the airport, Puhinui Station Interchange and Manukau. It will travel along new bus priority lanes to ensure fast, reliable journey times. In some locations existing bus stops will be upgraded with new shelters.

The proposed bus lanes will remove on-street parking during peak hours and a 1.2km section of on-road cycle lanes. In addition, some trees will be removed and new trees planted.

Pedestrian crossings will be upgraded, and a new roundabout provided at Puhinui Station Interchange to improve safety and access to the station, shops, schools and parks.

A shared path will be provided on the north side of Puhinui Road between SH20 and Puhinui Station Interchange as well as a protected cycleway along Lambie Drive.

The bus priority lanes and walking and cycling facilities will connect with the improvements planned along State Highway 20B to create a direct airport link.

**Construction is expected to begin in 2020, with completion by early 2021.**



**Simpler:** an easy to use network makes public transport more attractive and encourages new users



**Frequent and reliable:** 7 day a week bus services that operate every 10-minutes 4am - 9pm and every 15-minutes 9pm - 1:30am



**Choice:** connecting people to more destinations with a range of timely and reliable travel options - rail, bus, walking and cycling



## HAVE YOUR SAY:

We are proposing bus lanes along Puhinui Road and Lambie Drive in both directions, between 6am - 10am and 3pm - 7pm, Monday - Friday.

**What do you think about these proposed operational times?**

### AirportLink Journeys

Journey Time	Route	Fare
10-12 min	Airport → Puhinui	\$1.95*
23-25 min	Airport → Manukau	\$1.95*
31-34 min	Airport → Puhinui → Papakura	\$3.45*
45-50 min	Airport → Puhinui → Britomart	\$4.90*

*"It would be great to have separated bus lanes. My bus won't get stuck in traffic on my way to work."*

Source: AT Customer Insight Research 2019



# STATE HIGHWAY 20B — SPEED LIMIT REVIEW

There are three different speed limits along a 3km section of State Highway 20B - 50km/h, 60km/h and 100km/h.

We are looking at introducing a consistent and reduced speed limit to recognise the change in the road environment in 2021, once construction on the early improvements is complete.

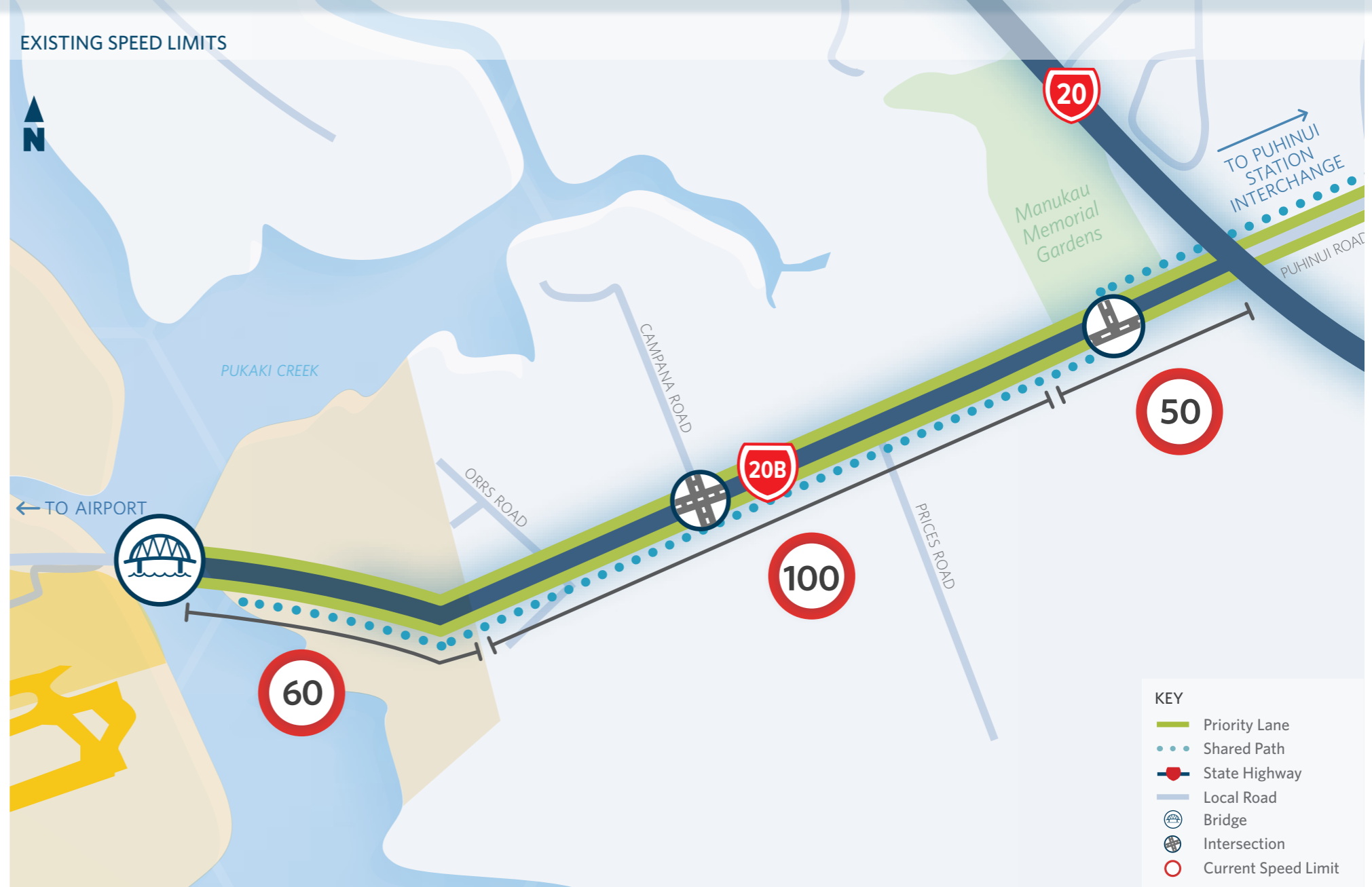
In the last five years, 22 collisions have been recorded on SH20B, two of them overtaking/head on crashes.

SH20B is currently a predominantly rural environment but significant development is planned.

As part of the early improvements, we are creating two new signalised intersections at Manukau Memorial Gardens to improve safety and at Campana Road to allow for future development. Priority lanes and walking and cycling facilities are also being added.

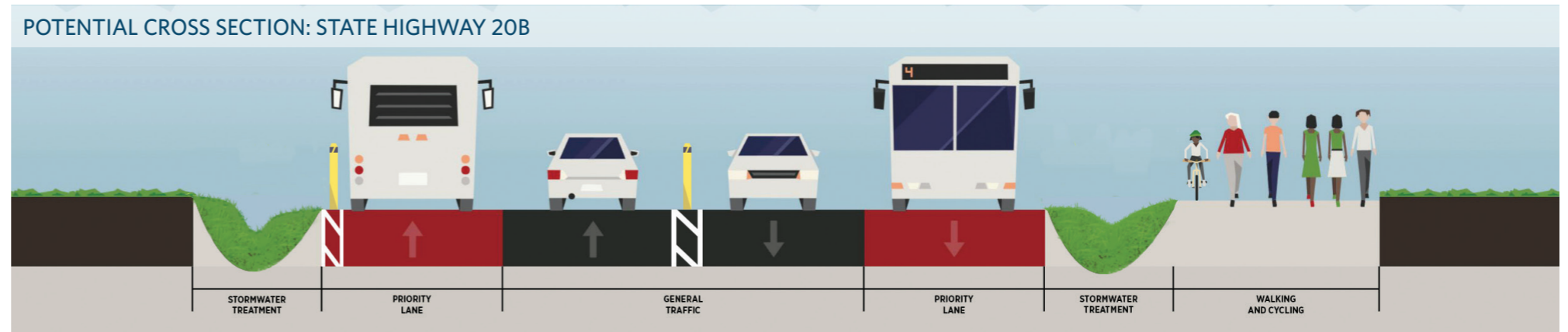
We think reducing the current 100km/h speed limit to 60km/h will provide a safer and consistent speed limit for the corridor.

We want to know what you think about the current and proposed speed limit. We'll use your feedback to recommend a new speed limit and then formally consult with key stakeholders and the community early next year.



## HAVE YOUR SAY:

1. What do you think about the current speed limits along State Highway 20B?
2. What do you think about the proposed speed limit change along State Highway 20B?





# STATE HIGHWAY 20B IMPROVEMENTS

- Additional lanes dedicated to bus and high-occupancy vehicles between Pukaki Creek Bridge and SH20.
- Priority lanes will integrate with improvements in the airport precinct, Puhinui Road and the upgraded Puhinui Station Interchange.
- Safety improvements including central median barrier protection, improved lighting and review of speed limits.
- Improved pavement, drainage and stormwater treatment.
- Two improved intersections;
  - Campana Road to improve safety and allow for future development south of the state highway
  - Manukau Memorial Gardens to improve access and safety.

## WALKING AND CYCLING

- Dedicated shared path along SH20B that is easy to access, well-lit at night and have improved wayfinding making it safe and simple for users of all ages and abilities.
- New pedestrian and cycling facilities will be added alongside the existing bridge over Waokauri Creek to allow for a continuous separated facility.
- New and upgraded intersections will provide safer and controlled crossings.

