

Safe School Streets

Pilot

Vision

Improved real and perceived safety of streets near school entrances for all road users, increase active school travel and reduce congestion on the network



Generally, what's the problem?

Driving behaviour outside schools is often illegal and puts kids at risk

Reported near misses make walking and cycling feel unsafe

Perceptions of safety are a key barrier to active school travel

School gate driving behaviour contributes to congestion and queueing that impacts on other road users

Current parking behaviour change solutions are resource intensive and have limited impact

Currently approx. 256,800 school students in AK

Replacing car parking with a kids playground, outside a kindergarten. Crazy. #AMSTERDAM



07.24.18 | WORLD CHANGING IDEAS

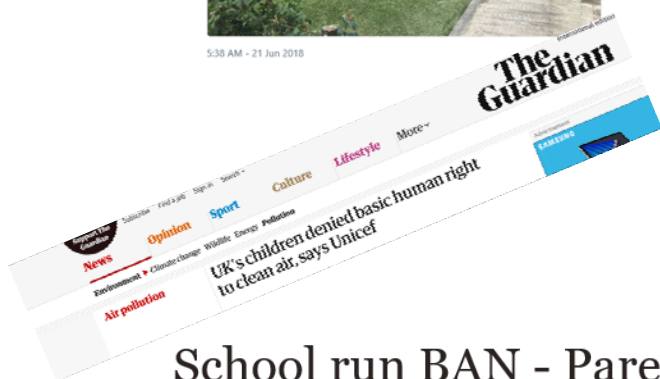
Schools are banning dropping kids cars—to save kids' lives

As research links cars with pollution and traffic injuries, kids and educators call biking, and busing to school in the U.K.

5:38 AM · 21 Jun 2018

"When parents drive up to the school gates, it's not just their children they're dropping off for the day, the toxic fumes from the cars stay too."

In an effort for safer streets & cleaner air, UK schools consider drop-off limits. #BacktoSchool



Five-year-old nearly hit by car during Auckland school gate pick up chaos

Renee Clayton · 15:06, Jun 25 2018



School run BAN - Parents could be banned from driving children to school in the UK

SCHOOLS across the UK are vying to ban the school run in a bid to improve air quality and protect the health of pupils.

Mother says she sometimes has to park illegally outside Auckland school

Hannah Ross · 14:31, Sep 27 2018



Background



Background



School motivations for participating in the Pilot

- Increase active mode travel to school
- Reduce congestion around the school
- Reduce non-compliant parking
- Future-proof for projected school growth (normalise active travel)

OWAIRAKA DISTRICT SCHOOL CONCEPT DESIGN

Design + Implementation Process



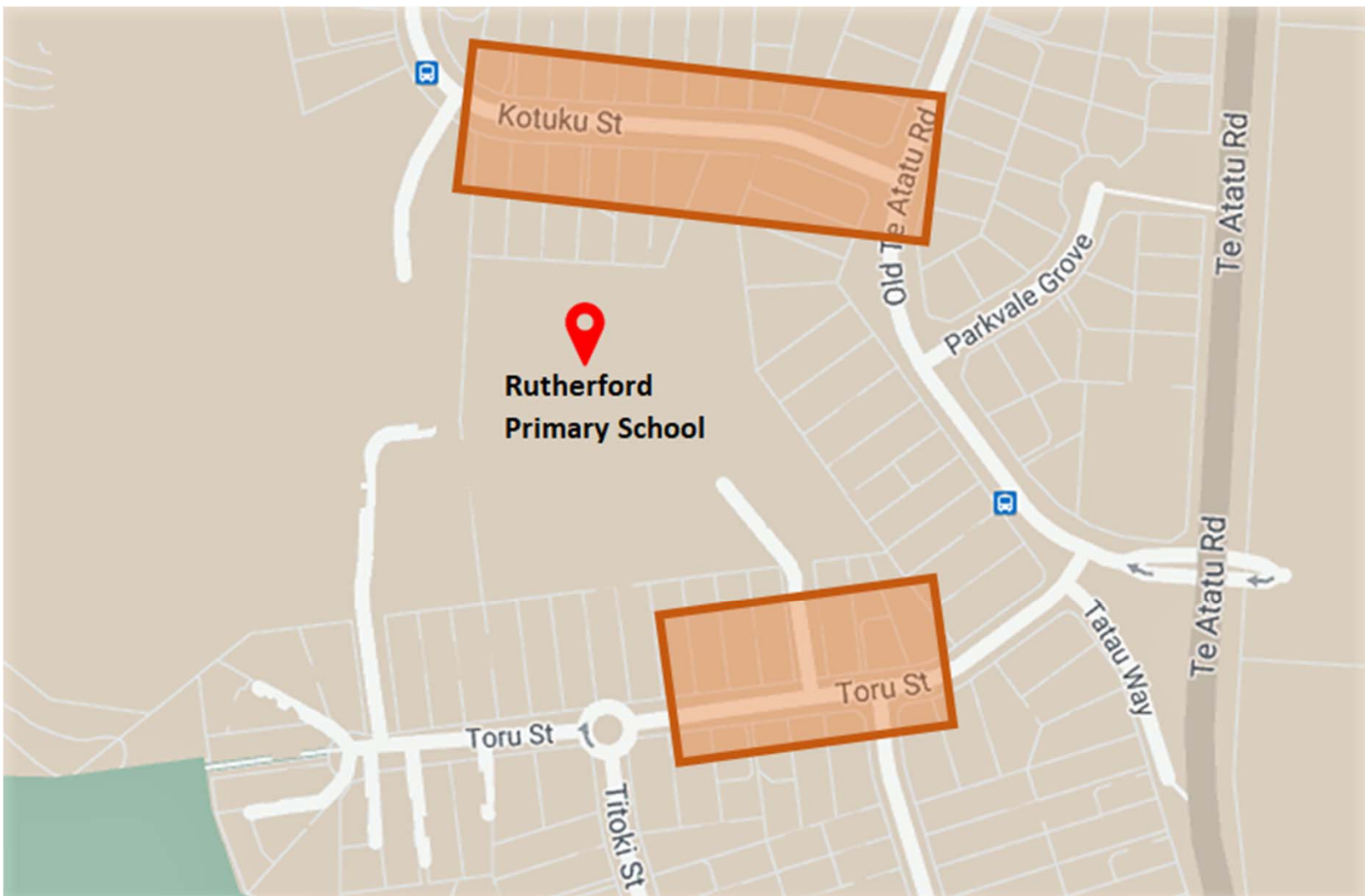
* Desktop review of school transport environment near schools including road and street types, traffic volumes, posted speed limits and recorded speeds, crash history, parking, cycling routes and walkways, school travel mode share and school role maps.

A Parallel Initiatives

Proposed refined leading design interventions are coupled with already existing initiatives such as walking school buses and bike trains.

B Communication Strategy

Running in parallel to the design process from the detailed design phase, the project and proposed interventions are communicated to students, staff parents and local school community.



Footage pre-demonstration day

Footage pre-demonstration day

Demonstration events delivered

Rutherford primary School- 25th May 2019



Demonstration events delivered








Rutherford primary School- 25th May 2019

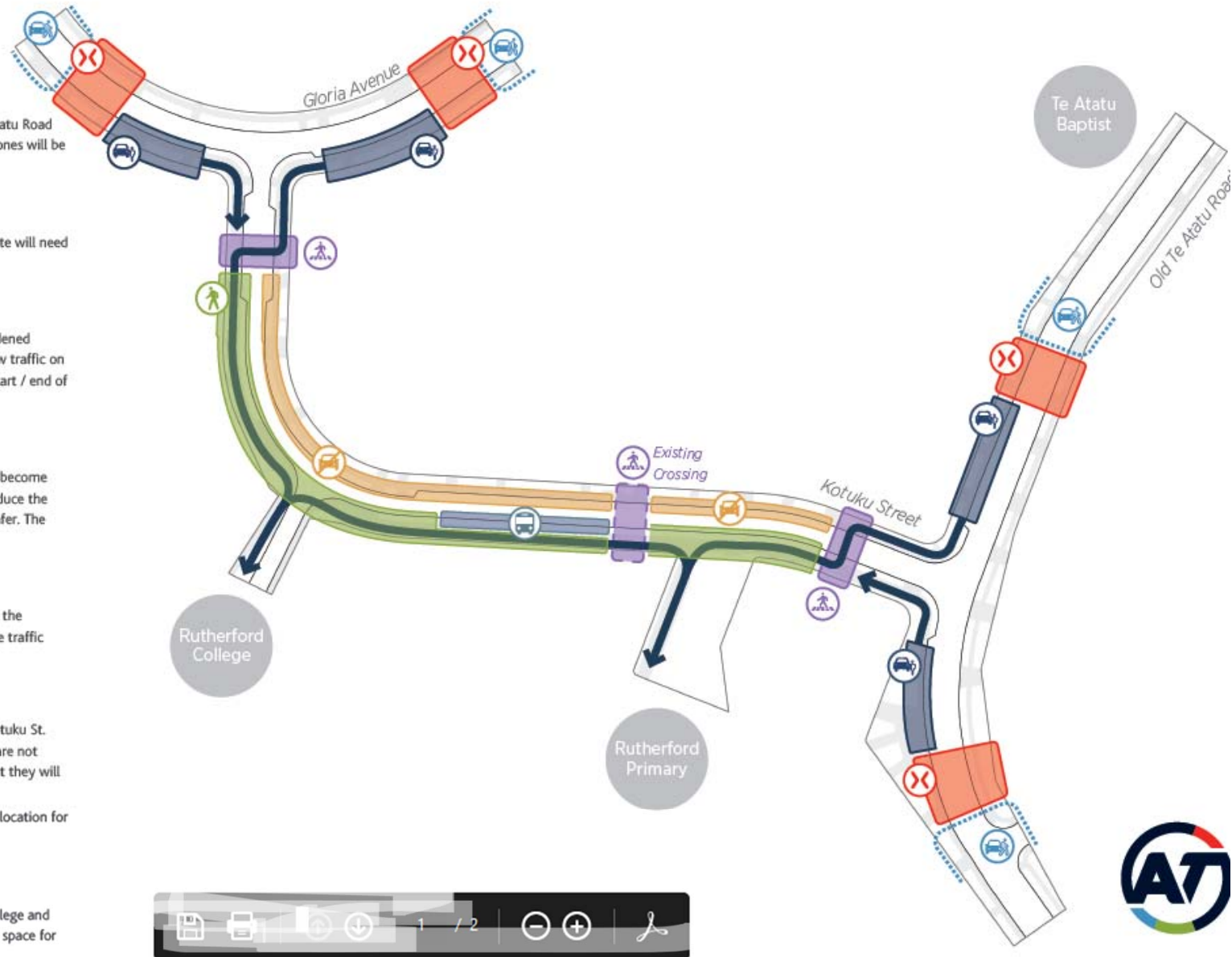


Kotuku Street - Interim Phase

Oct 2019 - Early 2020

KEY

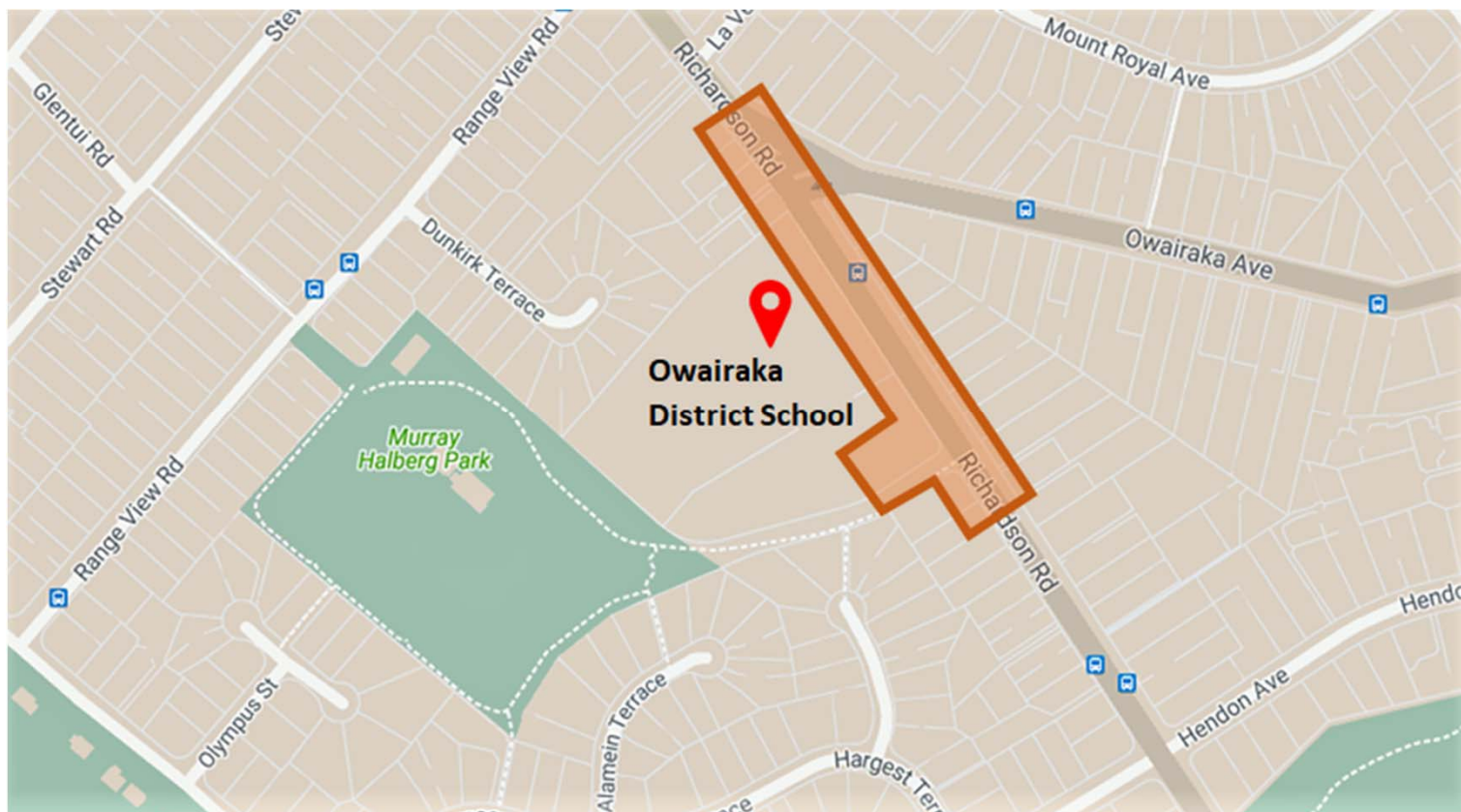
-  **Pick up / Drop off Zones**
Pick up / Drop off zones are located on Gloria Avenue and Old Te Atatu Road to reduce vehicle congestion in and around the school gate. These zones will be separated by signage on the roadside berm (no student parking).
-  **Park and Walk**
Parents with students who choose to park and walk to the school gate will need to park outside of the threshold zones.
-  **Safe Walking Street**
The footpath on the school side of Kotuku St will be temporarily widened using planter boxes and traffic posts. The widened path will help slow traffic on Kotuku St and provide more space for students and parents at the start / end of school. Residents can still park on Kotuku St.
-  **Parking Restrictions**
With the narrowing of Kotuku St the northern side of the street will become a 'no stopping or parking zone' for parents and students. This will reduce the number of cars and turning movements on Kotuku St and make it safer. The parking restrictions do not apply to residents.
-  **School Threshold Zone**
A combination of ground markings and road narrowing will separate the entrance of the school zone for motorists. These zones aim to reduce traffic speed around intersections where students cross.
-  **Temporary Crossing**
New courtesy crossing locations are being tested at either end of Kotuku St. During this interim installation these will be raised crossings. These are not zebra crossings so pedestrians don't have priority over traffic, but they will slow vehicles and allow us to test the location.. The existing zebra pedestrian crossing will remain in use until a new location for a fully raised zebra crossing is agreed.
-  **New Bus Stop Location**
School buses will now stop between the entrances of Rutherford College and Rutherford Primary on the southern side of Kotuku St. There is more space for loading and better visibility.



Progress of interim solutions



Owairaka primary



Demonstration events delivered

16

Owairaka primary School- 30th July 2019



Demonstration events delivered

17

Owairaka primary School- 30th July 2019



Owairaka Dist. School
Richardson Road

Interim Installation
Revision: 3

Approximately
1:750 @ A3

Tools	Description
	Placemaking
	Managing Parking
	Reducing Traffic Volume
	Pedestrian Crossing
	Wayfinding
	Reducing Traffic Speed



Carpark shown with activation in instance where this space is reverted back to park space. Bollard closure for interim installation. More permanent measures to be discussed.

RESILIOSTUDIO coalesce

Next steps

Wider programme reach

- Demonstration projects planned for the other participating schools over the next 2 school terms
- All new infrastructure pilots and permanent improvements are underpinned by behaviour change programmes supported through the Travelwise programme
- Inform Innovating Streets for people team