

Wood Street Concept Design

Concept design for permanent upgrade

In September 2019 the Mangawhai Business Association approached Kaipara District Council, to address issues relating to high levels of congestion, traffic issues, and pedestrian safety around Wood Street. These intensified during peak times in summer, when the town sees an influx of part-time residents and visitors.

Since then, the Council has been collaborating with the Mangawhai Business Association and community and testing layout and design, to create a vibrant, unique, warm and people-friendly place. The first summer trial (2019/2020) was followed by multiple co-design community workshops held in July and August 2020. Those who attended were asked "What are your ideas to make this a successful place?" Those ideas were then worked on, and each workshop informed the next.

The resulting interim design (90 percent funded by Waka Kotahi NZTA) has been in place since December 2020. The design has been tweaked and changed throughout the testing period, informed by community and business feedback, vehicle data, and regular monitoring. This meant we continually improved key elements as we moved through the trial. The interim design remains in place through to 2023, as we work on the permanent layout.

What's next?

This year is the final stage of design. The concept design below illustrates key elements, that will form the permanent layout for the revitalisation of Wood Street public areas. What do you think?

Send us your feedback on the concept design for the permanent upgrade – head to www.mangawhaicommunityplan.co.nz

Other Changes



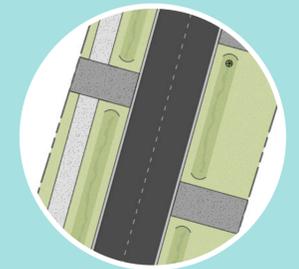
Rear carpark

The offstreet parking (behind the community hall) created for the trial will be formalised, providing 60+ car parks. A footpath will also be established to connect the Fagan Place residential area through to the Wood Street shops.



Access Lane beside playground

The access lane created for the trial will be formalised, connecting the two car parks and an alternative exit. Planting will be introduced either side to minimise the noise of vehicles to both the playground and adjacent residences.



Ellen Street upgrades

A new footpath will run along the western side of Ellen Street. Swale drains will be installed and parkable.

Improved crossing safety

During the trial the raised pedestrian crossings had positive community feedback. Data also showed reduced overall speeds of vehicles on Wood Street. The permanent design looks to incorporate a number of raised crossing points through Wood Street.

Stormwater management

Stormwater network upgrades will be integrated into the revitalisation of Wood Street with rain gardens and swales to manage surface runoff.

One-way Wood Street

Feedback from the trial for the one-way system was positive and demonstrated improvements to traffic flow during peak periods. Wood Street will become permanently one way. Adjustments to the road alignment will also clearly demonstrate the definitions between public and private spaces.

Old fire station access road

The old fire station site will be permanently converted into two-way access to the car parks behind the retail area. The site will host a number of formalised car parks. An open public space with shade will sit adjacent to Wood Street and provide more seating / dining spaces.

Entrance

A built out kerb allows space for landscaping to create a vibrant, safe, entry point to Wood Street with opportunities for sculpture or artwork to welcome visitors entering Wood Street.

Widened footpaths

Footpaths on both sides of Wood Street will be widened and connected to the shared path network. Footpath upgrades will improve safety, accessibility, and connectivity throughout the commercial area.

Reconfigured parking

On-street parking along Wood Street will be a mix of angled (heavily favoured during the trial) and parallel pull-in bays to accommodate larger vehicles.

Central Area

The main centre of Wood Street (between Fagan Place and Ellen St) will be raised and sit flush with the bordering footpaths. This improves accessibility and provides a safer town centre for pedestrians, with slower vehicular movements.

Formalised roundabout

A mountable roundabout will be installed at the intersection of Wood Street and Ellen Street. The intersection will be widened to accommodate turning circles of larger vehicles and trailers.

