

OLD MĀNGERE BRIDGE REPLACEMENT PROJECT



A new walking and cycling connection coming this year

Later this year, they'll be more travel options for people who want to leave their cars at home and get around on foot or by bike with the opening of the Old Māngere Bridge replacement across the Manukau Harbour.

Providing not only an important strategic connection as part of the wider walking and cycling network in Auckland, the new bridge will also be a place for whānau and friends to gather, sit and enjoy their surroundings. Creating spaces and places which recognise

and acknowledge how locals enjoy their neighbourhood is important to ensure that we're creating liveable places for future generations.

3,2,1...lift

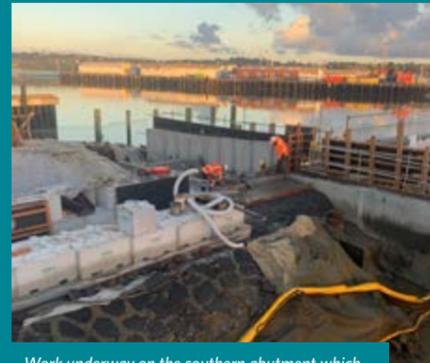
With two 250 tonne cranes and 10 people on site to oversee the operation, we've captured the moment the last of the three 28 tonne arch pieces was lifted into place. Spanning 11 metres high, the arch of the replacement bridge is an impressive new feature in the landscape.



WHAT'S HAPPENING ON SITE?



The temporary platforms to support the steel central deck



Work underway on the southern abutment which links the bridge deck to the end of Coronation Road



Looking south towards Māngere Bridge. Above the arch, the temporary working platform on the left and the new bridge deck under construction.



Looking North towards Onehunga, we can see the new bridge deck.



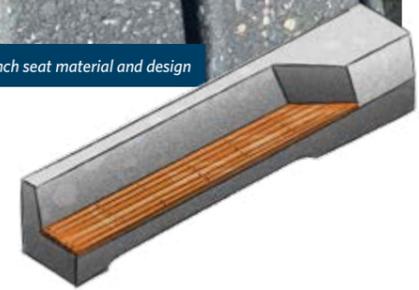
One of the two fishing platforms being built



Installation of balustrades



Bench seat material and design



INSPIRATION FROM ALL AROUND

The new bridge has been designed to reflect the landscape in which it sits and tell the history and stories of the area.

The Manukau Harbour has long been a source of kai for iwi and locals who have enjoyed the abundance of fish and seafood which live in this moana. Reflecting the importance of the harbour as a source of sustenance and acknowledging the importance of fishing in

the area, the colours adorning the balustrade are similar to those of the Kahawai fish - soft greens, greys and blues.

The harbour is also the design inspiration for the benches, with specks of shell showing through the concrete which give a coastal

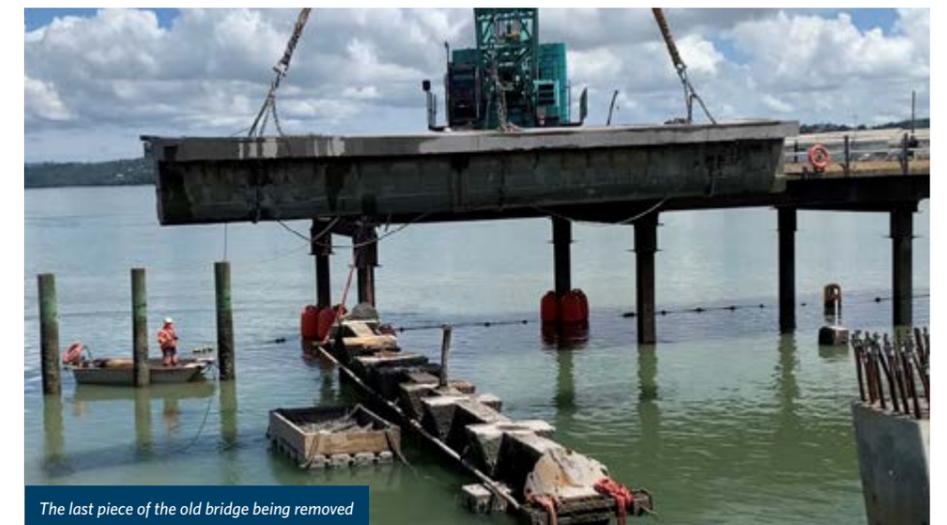
flavour to them. With a variety of people and groups who will enjoy the bridge, there will be three different seat designs. Shorter benches are perfect for solo trips while there'll be longer ones for small groups or whānau who are making a trip together.

Linking the past and present

A place to unwind and spend the afternoon fishing, somewhere that young kids learnt to ride a bike or even part of a daily route help locals get to and from work; there are so many memories that the community have of the Old Māngere Bridge which spanned the Manukau Harbour for over 100 years.

The old bridge was fully removed at the end of 2021 and whilst the new bridge will serve the people who live and travel through Māngere Bridge and Onehunga for future generations, it is important to the community that what came before is not forgotten.

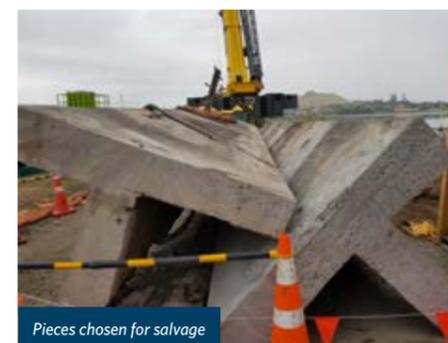
Working with Heritage New Zealand Pouhere Taonga, a heritage garden will feature on the Onehunga side and include salvaged pieces of the old bridge along with native planting in a community space which connects the old with the new.



The last piece of the old bridge being removed

"Removing the last bridge beam does feel like the end of an era [and] gives us an opportunity to reflect on how much Auckland has changed over the last 100 years" says Mark Kinvig, Waka Kotahi National Manager Infrastructure Delivery.

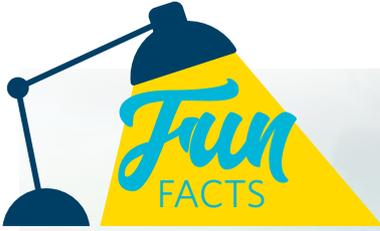
"We have removed some of the plinths that supported the bridge's old handrails, and also taken out one of the beams in the bridge structure ... to incorporate them into the immediate area leading up to the new bridge as a link to the past."



Pieces chosen for salvage



Heritage garden concept drawing



416 lights

to illuminate the bridge at night, creating a colourful new feature in the landscape.

38 fishing rod holders

helping make those afternoons trying to catch kai a little easier.

11 bench seats

in three designs to suit individuals, small groups or families.



MEET THE PROJECT TEAM

George Couttie

Health & Safety Advisor

What is your role and responsibility in this project?

My job is to ensure we have the correct equipment and safety procedures in place so that everyone who comes onto site, goes home safely each day.

I also look after the health and wellbeing of all our people through a variety of initiatives to give them the tools, advice and support so they can take good care of their wellbeing and mental health when at work and at home.

What do you enjoy about working on this project?

We have an energetic and resourceful team and the solutions they're able to develop to solve engineering or building challenges amazes me.

What is the outcome you'd like to see at the end of construction?

This bridge will be a beautiful asset which will be a benefit to the surrounding communities and visitors for many years to come and it's great to be able to have played a role in this project.



For more information on the project or to sign up to newsletter updates, please scan the QR code or visit www.nzta.govt.nz/omb

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