

EAST/WEST LINK BRIDGE

WHERE IS THE BRIDGE LOCATED?

The East/West Link Bridge is part of the Southern Interchange at Tamahere. It will bridge the new four-lane expressway plus the off-ramp into Hamilton from the south, and the on-ramp from Hamilton heading south. It will connect with Cherry Lane.

WHEN ARE WE BUILDING IT?

Earthworks began in late 2016. Bridge construction is expected to be complete by February 2018.

HOW ARE WE BUILDING IT?

A large pile of sand is first placed on the western side of the bridge to settle the soil below. The expressway route is dug out, then piling begins. Rows of pile casings are driven into the ground up to 37m deep, using a 10 tonne weight

suspended from a crane. Cages of reinforcing steel are lowered inside and the casings filled with concrete to create the foundations for the bridge abutments on either side, and two sets of supporting columns.

Concrete pilecaps are poured to tie the piles together. Centre columns are built on top, and then crossheads built on top of the columns to support the bridge beams. The 38m long centre beams and smaller 27m outer beams are transported to the site on special trucks with rear-steering jinkers. Two spans of beams will be installed first, and the third later.

The two-lane Cambridge Road off-ramp will be constructed and sealed first, and SH1 traffic shifted onto the off-ramp. Then a concrete retaining wall will be constructed on the eastern side of the bridge and the final beams installed. The expressway and on-ramp will then be constructed underneath the bridge.

HOW WILL CONSTRUCTION AFFECT YOU?

If you live in Cherry Lane, Bollard Road or the section of SH1 in between, your access onto SH1 will change once the Cambridge Road off-ramp is opened. A temporary access will remain until the project is completed.

This area of SH1 is already congested and traffic delays are common. We will try at all times to minimise any impact on traffic flows.

WHAT IS SPECIAL ABOUT THIS BRIDGE?

It will be the first bridge finished on the Southern Interchange. Traffic will be allowed to pass under one span of the bridge while it is still under construction.



East/West Link Bridge taken early June 2017

If you have concerns about noise levels, vibration or dust please contact us immediately.



Visit our website www.nzta.govt.nz/hamilton



Phone us on 0800 322 044



Email us at info@cityedgealliance.co.nz



Like us on Facebook www.facebook.com/waikatoexpressway



Stay up to date with project news by signing up to the database by visiting:

www.nzta.govt.nz/hamilton