



Midnight Bridge Beam

The first precast span of the Whau River Bridge's new eastbound section was put in place during an operation in the early hours of an April morning. The operation involved a full closure of the eastbound lanes as well as two out of three westbound lanes on the north-western motorway near Te Atatu, shifting the temporary steel barriers lining the motorway, and mobilisation of a 300T mobile crane.

One of three beams that make up the first span of the Whau River Bridge's new section, being lowered into place by a 300 tonne crane. The installation of these first three beams was a good opportunity to test our planning and installation methods before another three spans are put in place in early May.



Leading the way

Four Maori leadership training opportunities have been awarded by Te Puni Kokiri to Causeway Alliance team members.

Mana Whakatipu is an introductory management programme for leading hands and junior supervisors leading to a National Certificate in Business First Line Management Level 3, and Tama Toa is for experienced supervisors and foremen culminating in a National Certificate in Business First Line Management Level 4.

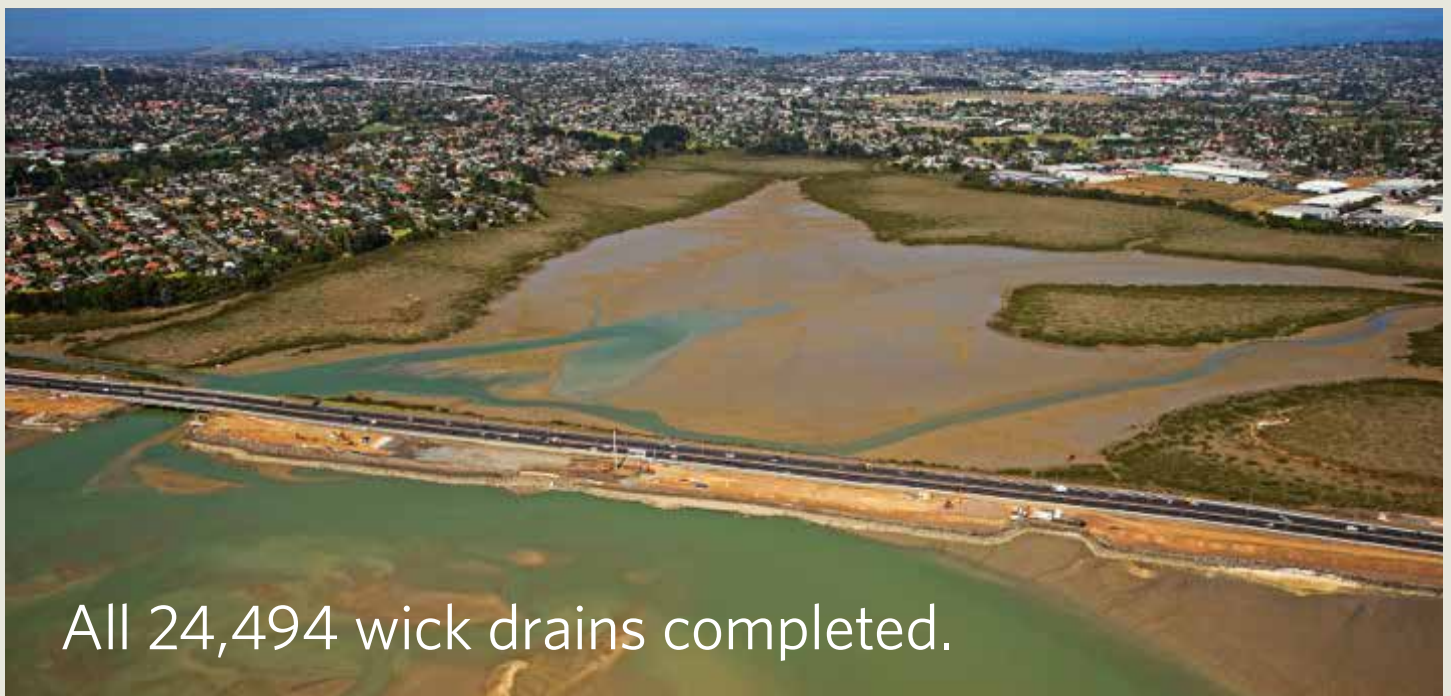
The programmes are held at the NZ Army National Marae in Waiouru over two course modules of three days and cover communication skills, communications in teams and workplaces, team building, delivery of presentations, managing conflict, and involve study projects relevant to the nominees' roles on the Causeway Upgrade Project.

Team members James and Jason will attend Mana Whakatipu and Jacob and Andre have been offered places on Tama Toa.

Community Liaison Group meeting - 14 May

You are welcome to attend the quarterly Community Liaison Group meeting on Wednesday 14 May, from 7 to 9pm at the Pringle Park Bowling Club, Pringle Road, Te Atatu Peninsula. This will be an opportunity to hear updates from representatives of the NZ Transport Agency's motorway projects in the Te

Atatu area - that's the Causeway Upgrade Project and the Te Atatu Road Interchange Improvements Project. If you have specific areas of interest, let us know in advance and will endeavour to include information about them in our presentation. We look forward to seeing you there.



All 24,494 wick drains completed.

Creating Opportunities

In the week before Easter 12 students and staff associated with Massey High School's Civil Construction and Infrastructure Trades Academy visited the project for an overview, safety induction and site tour. The Civil Construction & Infrastructure Trades Academy enables students in years 12 and 13 who are interested in a career in the Civil construction industry to combine their study towards National Certificate in Infrastructure Works level 2 and National Certificate of Educational Achievement (NCEA).

Thank you so much for the opportunity that the visit to the Causeway Upgrade Project works afforded not only our Infrastructure students, but also our senior management at Massey High, and our stakeholder tutors from Unitec. It was an impressive introduction to Civil works for all of our group, in particular, the willingness of the senior members of the project to be on hand and speak to our group. Our sincere thanks for their time and contribution to help shape future career paths for our young men. While we can replicate domestic house building easily within our programs at school, constructing bridges across estuaries and maintaining a busy motorway link whilst you undertake the works, is certainly on a different level.

Chris Skinner, Massey High School Trades Academies, HOD Carpentry, Civil Construction and Infrastructure.

" I didn't realise the variety of occupations that exist within one project "

Student

" I wasn't aware of the many opportunities that existed within this industry "

Student



Massey High School Construction Trades Academy students experienced the driver's seat and GPS equipment in a stationary excavator on site, with guidance from Kerry, Causeway Alliance Leading Hand (orange jacket).

Your Questions Answered



Q: What's the white fabric that can be seen around the rocks on the Causeway section of the project?

A: There are two types of cloth being used. A high strength geotextile fabric is used to reinforce the fill materials being placed and help them to act as a block to improve stability. A low strength geotextile fabric is being used as a separation layer between different construction materials and to control sediment run-off.

Q: Why is the motorway speed reduced to 80kph in the areas where work is taking place on the Causeway Upgrade Project?

A: The lanes have been narrowed to 3.1m (from their usual 3.5m) and the motorway layout temporarily changed while the work is under way. The maximum safe speed for that adjusted highway design is 80kph. Please stay within the speed limit to help keep everyone safe - you on the motorway and the workers right beside it. The 'team in blue' are dealing with the speedsters.

Coastal Bird Watching

The consent conditions for the project cover several environmental features and require us to monitor and report on the number of coastal birds using the high tide bird roost area in the Te Atatu Pony Club land. That helps to identify any effects that our project may be having on established roosting patterns. Bird counting takes place each month at high tide by an avian expert from Biosearchers. The number counted each month varies widely,

depending on birds' migratory and breeding patterns. We compare the current month with the same month in 2010/2011 before construction began (see table on right).

There are up to seven bird species nearby including the NZ and Banded Dotterel, South Island Pied Oystercatcher, White Faced Heron and Wrybill. The good news is that our avian expert has concluded

there is no displacement or effects on the birds caused by our construction yard or project works.

Month	Bird numbers before construction (2010/11)	Bird numbers during construction (now)
Oct	11	12
Nov	14	11
Dec	10	11
Jan	42	38
Feb	92	147
Mar	306	305

More information

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CAUSEWAY ALLIANCE
 working for our **thriving** city

