

# CONSTRUCTION UPDATE

## EARTHWORKS SEASON 2019/20

The Project's earthworks season officially started on the 1<sup>st</sup> of October 2019.

The next 6 months will see the completion of earthworks on the project's third and final earthworks season! In addition to moving up to 3.5 million cubic metres of earth across the project, the team will be focusing on constructing bridges and landscaping as well as starting to create the road surface!

### Girder installation

on our two largest bridges

UP TO

**3 MILLION**  
 CUBIC METRES  
 of earth to move  
 across the project.

### THE BIG KIT

to help with production and progress.

START OF  
**ROAD SURFACING**  
 WORKS

Introducing

**TARGET ZERO**





SAFETY - STARTS WITH ME

our health and safety focus, aim to achieve zero harm in the work place each day.

### WE HAVE A HIGHLY SKILLED WORKFORCE

who are passionate about what they do and committed to building a world-class motorway by late October 2021.

#### For more information:

-  0508 P2WK INFO (0508 7295 463)
-  [info@nx2group.com](mailto:info@nx2group.com)
-  Ara Tūhono - Pūhoi to Warkworth
-  [www.nx2group.com](http://www.nx2group.com)

Project Information Centre: 45 Wyllie Road, opening hours available on our website

# What's Coming Up



The T-Rex

## T-REX ON-SITE

Fondly nicknamed 'the T-Rex' by our project team, a DMMC CC2800 crawler crane has taken up residence near the Ōkahu inlet. The entire weight of the crane including its super lift, totals 600 tonne and will be used to install girders on Arawhiti ki Ōkahu over the coming weeks.

## PLANTING UNDERWAY

After a lot of planning and coordination the first plantings for the project were placed in the Central and North zones last month – representing a significant milestone.

These plantings in ecological mitigation areas (outside the cut and fill footprint) contribute towards the project's consent requirement to mitigate for native vegetation removed during construction of the motorway. Stacks of hard wood logs have been placed as habitat for invertebrates and lizards within the areas.

The Landscaping Team are busy planning for this earthworks season. This will see fence construction (defining the project boundary), top soil and wood mulching and spreading, permanent hydroseeding and site preparation for the winter 2020 planting programme.

Winter 2020 will see 60ha of planting in the ecological mitigation areas and landscape restoration planting on cut and fill batters inside the alignment. A further 80ha of planting will be carried out the following winter to wrap up 150ha of total planting across the project.



## Check out our latest project flyover!



# Orewa College Visit

Safety was the order of the day when 11 students from Orewa College visited our project site for the 18.5 km four lane extension of the Northern Motorway from the Johnstones Hill tunnels to Warkworth in August.

Gearing up for safety involves making sure all students, and their teachers, were fully safety compliant. This meant arriving with appropriate footwear and wearing clothing that covered their arms and legs, and then donning hard hats and protective glasses at the Project head office before they set foot near construction zones.

Safety is critical on all construction sites. All visitors must go through a safety briefing to understand what is expected on a site such as this – which is large and complicated with lots going on at the same time.

It was an eye-opener for the students who got a really good understanding on the importance of safety on construction sites and why we have a such big focus on it across the project.

It also gave them a taste of the construction industry – so we saw the visit as a way of connecting with a future local workforce by offering opportunities to students to figure – out if this is a career path they want to explore in their future by visiting us now.

The students and teachers began their journey at the Kōurawhero office in Warkworth where, after their safety briefing, they were given an overview of the Project and what it has been designed to achieve for the region.



Key benefits for the Project include:

- Improve the safety, reliability and resilience of the state highway for motorists, tourism and freight;
- Improve the connection between Northland, Auckland and the Upper North Island;
- Support population growth and encourage a growing economy.

Students visited the Mahurangi Bridge near Woodcocks Road and got to see how construction was progressing. After that they visited our southern zone – the area that sits between Pūhoi and Moir Hill Road to

get a detailed look into the civil works and understand the planning and engineering that goes into a project of this magnitude. They also gained an appreciation of the environmental controls required to protect the plants and animals and the many steps taken to minimise any environmental impacts.

Feedback from the students was extremely positive with reports from teachers that many were inspired by the career opportunities that can come from the construction industry.

Please visit our website [nx2group.com](http://nx2group.com) or contact our friendly communications team for more information regarding the Project.

## Project Jargon

**ROLLING ROADBLOCK:** A rolling roadblock is a method of temporary traffic control used to slow or stop traffic without closing the road. A rolling roadblock closes all lanes of traffic by using pacing vehicles to create a gap so construction activities can be completed. We often use rolling blocks on the project to clear the road ahead to safely transport heavy equipment and machinery into worksites.



An example of a rolling roadblock

**CONTRA-FLOW:** Traffic flow in a direction opposite to the normal flow, for example, directing traffic into a lane that normally operates in the opposing direction.



An example of contra-flow

## Our people:

**Your Name?** Max van der Maas

**Your title?** Senior Site Engineer

**What's your role with the project?**

New Role: Looking after the civil activities in the Central North.

**What's been the toughest challenge so far?**

Completing CS4 Culvert – the steepest culvert on the project.

**What do you do when you're not at work?**

Sports and housework. I play lacrosse and enjoy snow skiing.

**Tell us something about yourself that your workmates wouldn't know/guess...** I lead the haka as captain for the New Zealand Lacrosse team.



# Out & About

## Ara Tūhono P2Wk vs Pūhoi Sports Club

On a fine Sunday afternoon in September our team headed down to the Pūhoi Sports Club for a friendly football match against the mighty Pūhoi community.

A great time was had by all with plenty of healthy competition both on and off the field.

It was a close game with the project team, P2Wk Roadtrotters, coming out on top with five goals to three.

Thank you to Pūhoi Sports Club, all players and supporters who attended.



## Kowhai Festival's BIG DAY OUT!

Thank you to everyone who stopped in to say hello at the Kowhai Festival!



## Opportunity knocks

*Are you interested in working on a major earthworks project?*

*Do you have experience operating machinery?*

*Do you want to add value to a worksite?*

**Then we want to talk to you NOW.**

Ara Tūhono – Pūhoi to Warkworth Project is looking for experienced machinery operators for the next earthworks season. Our labour hire companies are doing interviews so if you're interested in joining the team, please contact the agencies below to find out more.

**AI Recruitment and Contractors Ltd**  
admin@airecruitment.co.nz  
021 502 993

**Auckland Formwork Limited**  
admin@aucklandformwork.com  
021 0221 4173  
09 478 2430

**AWF Limited**  
akltrades@awf.co.nz  
027 577 3149 (Filimino Lemisio)  
0800 922 955

**Freestyle Constructors & Recruitment Ltd**  
tony@freestyla.co.nz  
021 445 986

**National Personal Ltd**  
NPLnorth@npl.nz  
021 929 963  
09 444 4940

**New Zealand Labour Hire**  
marlon@nzlabourhire.co.nz  
021 749 599  
09 580 0460

**North & South Recruitment Ltd**  
admin@nsrecruit.co.nz  
021 916 410

**Onsite Projects**  
daniel@onsiteprojects.co.nz  
021 881 853  
09 238 3329



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