

CONSTRUCTION UPDATE

Public Open Day

Another successful public open day, taking people 'behind-the-scenes' of one of NZ's major roading projects.

On Sunday 31 March the project held its second public open day. It was a big hit with project neighbours, the local community and project enthusiasts with up to 1000 people attending the event.



Visitors were transported by bus to Site Access Point 4, just south of the Honey Centre off SH1, and taken to an area that cannot be seen from the roadside. There was plenty on offer on the day, from information stands run by the environmental, geotechnical and structures teams, to van rides up to a purpose built

viewing platform, dump truck rides, a digger simulator and a chance to get up close to the 'big kit'.

We would like to thank everyone who attended the event, as well as all our suppliers and staff who volunteered on the day. We will host another open day in 2020. Look out for more information about the event early next year.



What people said...

“ Many thanks for a well organised, exciting and informative tour. The whole thing was very impressive and the team were all helpful and knowledgeable. Well done.

“ Congrats to those who organised the day. Was really interesting and learnt a lot. Massive job to do. Tech side was awesome. Big boys and their toys. Looking forward to next year's event.

“ Loved it, my 5½ year old loved the ride in the moxy, top points to you all.

“ Many thanks for the excursion your company organised for us today. Cheers for the future progress towards completion.

“ I just wanted to say thank you for a wonderful day last Sunday. We really enjoyed our behind the scenes look at this project. All the staff on site were most informative. I ticked off one of my bucket list things to a ride in a big dump truck.

Highlights from the day



The project map and drone footage were popular throughout the day and staff were on hand to talk about structures, environmental controls and geology across the project area.



View from the purpose-built viewing platform, overlooking some of the project's most significant cuts and fills. Here people could start to see the new motorway taking shape and gain a first-hand appreciation of the scale of the project.



Some of the 'big kit' was also on display, including the 120 tonne excavator, 72 tonne bulldozer and 60 tonne dump truck.



The dump truck rides were a big hit as well, from small kids to adult 'kids' there were smiles all round!



The survey team ran the Trimble digger simulator, giving people the chance to scoop up some virtual dirt - which is much harder than you may think!



Dramatic changes to the landscape

In the last couple of months there's been some dramatic changes to the landscape, as the shape of the new motorway becomes clearer. Some of the most significant changes happening close to SH1, can be seen at the southern end of the project and include:

- Progress made to the 'cut' just north of Pūhoi
- Increase in height of the 'fill' south of Pūhoi Road
- Construction of the columns for both Te Arawhiti ki Ōkahu and Te Arawhiti ki Pūhoi (Ōkahu and Pūhoi Viaduct)

Our latest drone footage is the most dramatic yet. Click the link for your bird's eye view of the project www.youtube.com/watch?v=9jWWgwUNyss&t=



The 'CS 16 Cut' north of Pūhoi where rock blasting has been taking place



Construction of the first columns for Te Arawhiti ki Ōkahu (Ōkahu Viaduct)

Season Update

It's been a busy and productive earthworks season, with good progress made across the project.

— EARTHWORK CUT —
3.2 million cubic metres

— CULVERT PIPES INSTALLED —
3,100m

— EARTHWORK FILL —
1.9 million cubic metres

OVER 60
ROCK BLASTS COMPLETED
TO DATE

3,200 cubic metres
— CONCRETE POURED FOR BRIDGE STRUCTURES —

Over the next month, the team will be making the most of dry weather to complete bulk earthworks before winding down for winter.

Donations to Camp Bentzon

Those of you who attended the open day may have noticed we were collecting donations from certain activities to support Camp Bentzon. The camp first opened in 1972 and has around 6,000 young people and adults through the camp each year. Around \$1800 will be donated to the camp and will go towards upgrading the confidence course and fitness trail over the winter. You can read more about the camp here www.campbentzon.co.nz

Amphibious excavator

A recent challenge for the team in the south has been fishing and muck-out of a gully near the Pūhoi River. The area is challenging due to the low-lying and wide profile of the gully, influenced from the incoming tide up the Pūhoi River. The gully had thick vegetation, making it impractical to fish and carryout fish relocation using traditional methods. The solution has been to use a 12t digger fitted with large 'floats', allowing it to float on top of the surface and remove surface vegetation, while an ecologist is present to assist with any fish identification and relocation.



Amphibious excavator at work near the Pūhoi River

Traffic Updates

SH1, NORTH OF WARKWORTH

In the northern section of the project, construction of the new roundabout is underway. These works will be happening close to the roadside, visible from SH1. To ensure there is safe separation between live traffic and the construction activities concrete barriers have been installed and the northbound crawler lane has been closed. Further changes to the road layout are expected later in the year and we will keep you updated with these changes.

WOODCOCKS ROAD

Over the coming months we can expect to see significant changes along Woodcocks Road as the abutments for the Woodcocks Road Bridge are built on either side of the road. We continue to have temporary traffic lights in place to protect the safety of our staff, the community and other road users as heavy machinery continues to operate. Please reduce your speed and be prepared to stop when driving through the area.



Temporary traffic lights along Woodcocks Road

PUBLIC HOLIDAYS COMING UP

With public holidays fast approaching, trucks will be off the road from midday Thursday 19 April until midday Friday 26 April 2019. There will be no construction activities on public holidays (Easter and Anzac Day), giving staff a well-deserved break. If you're heading away, please take care on the roads. For real-time travel information visit www.journeys.nzta.govt.nz or by calling 0800 4 HIGHWAYS (0800 44 44 49).

What's coming up?

North

- Earthworks continue at the Northern Connection, north of Warkworth
- Structures works underway along Woodcocks Road and soon to start at Mahurangi Bridge

Central North

- Te Arawhiti Pua Ngahere (Kauri Eco Viaduct) progresses, with piling works to commence during winter
- Earthworks continue through April, with close-out underway ahead of winter
- Drainage works and minor earthworks through winter

Central South

- Pier construction continues at Arawhiti ki Pūhoi
- Te Tapuwae o Kahumatamoe (Moir Hill Overpass) precast panels to be installed
- Earthworks continue through April, with close-out underway ahead of winter
- Drainage works and minor earthworks through winter

South

- Completion of S2 fill south of Pūhoi Road
- Drainage works
- Pile and pier construction continues at Arawhiti ki Ōkahu

Project Timeline

- ✓ **JANUARY 2017**
Start of enabling works
- ✓ **OCTOBER 2017**
Start of bulk earthworks
- ✓ **JANUARY 2018**
Start of structures
- NOVEMBER 2019**
Start of pavement works
- NOVEMBER 2020**
Earthworks completed
- OCTOBER 2020**
Structures completed
- SEPTEMBER 2021**
Pavements completed
- OCTOBER 2021**
Works completed
- LATE 2021**
Motorway open to traffic

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