

# AKL Update

December/2019



Auckland Airport Job Expo

## Job speed dating creates work for airport community

Around 100 people looking for employment have found jobs in and around the airport precinct thanks to the first-ever Auckland Airport Job Expo last month.

Held in collaboration with the Ministry of Social Development and Auckland Business Chamber, more than 450 job seekers met with 24 employers looking to fill 300 roles across retail, hospitality and tourism using a quick-fire “speed dating” format.

Mary-Liz Tuck, General Manager of Corporate Services, says the event was a huge success and far exceeded expectations, filling jobs in and around the airport – one of the country’s fastest growing business and construction precincts.

“Employers commented on the excellent calibre of the job seekers we had through the expo. Many jobs have already been offered to people and we expect the number of vacancies filled to be up to 100,” Mary-Liz says.

“This expo was focused on the hospitality, retail and tourism sectors, but planning is already underway for our next expo on 13 February 2020, which will have a focus on construction, warehousing and trades.”

Chief Executive, Adrian Littlewood, says Auckland Airport is undergoing a significant transformation with a multi-billion-dollar infrastructure programme that will transform the precinct.

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# Cloud cover forecast for travellers

**300m**

in length

**12m**

up to 12m high

**4.6m**

lowest height

**Steel**

frame with PVC Fabric

As work begins at the international terminal, a new pathway will take foot traffic through the construction.

A miniature version of The Cloud, the Auckland waterfront events centre, is about to take shape inside the main international terminal car park during the first months of 2020.

Providing rain or shine shelter for travellers and guests, the mini-cloud will act as a covered plaza stretching from the forecourt of the international terminal to carparks in Tom Pearce Drive – the current exit road from the terminal.

With some of the car parks and pick-up/drop-off areas closest to the international terminal becoming construction zones during the next three years, creating a high quality, temporary solution was necessary to ensure people had an easy, safe path to and from the terminal, says Auckland Airport Project Manager Jessica Zame.

Constructed from coated galvanized steel frame and PVC fabric, the covered pathway will run through the existing Car Park A at the eastern side of the Novotel Hotel.

“It was an interesting challenge to design for. On one hand we knew the plaza would be a temporary structure, only needed for a few years until construction on major projects around the existing main carpark is complete.

“It will be some time before the multi-storey car park in front of the terminal and the western forecourt next to the new expanded international arrivals building are operational, so it was also important to us to make the interim state a pleasant one, so customers have a comfortable walk to and from the terminal.

“The answer was the custom curved structure of steel frame and fabric, a smaller version of The Cloud on the waterfront,” says Jessica.

Covered connections will extend beyond the new pedestrian walkway to passenger car parks, including the multi-storey car park off Tom Pearce Drive, and new coach, rental car, ride-share, and pre-charted taxi and shuttle drop-off/pick-up areas operating during the construction of the expanded international arrivals area and domestic jet facility.

Work on the site begins in January 2020 and will be completed in two stages finishing in June 2020. ●



The pedestrian walkway. Picture: Render



4m deep trench

Job speed dating creates work for airport community  
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We're setting out a pipeline that covers all planning options and strengthens our existing network by building in additional resilience

André Lovatt  
General Manager Airport Development and Delivery



# New pipeline fuels airfield development plans

The hard work has started below the surface to create a resilient fuel network to support airfield developments at Auckland Airport.

The first lengths of new pipeline that will run fuel throughout the airfield have been put into a 4m deep trench, with steps and shields to secure the sides.

The pipeline currently delivers fuel to 22 different aircraft stands around the airfield and the upgrade is designed to cater for future airfield developments and anticipated growth.

André Lovatt, General Manager Airport Development and Delivery, says laying a new fuel network that will cater for current needs and future airport expansion is an intricate process.

“We’re setting out a pipeline that covers all planning options and strengthens our existing network by building in additional resilience,” says André.

“Throughout this complex project, we’re hopping ahead – area by area – to lay the lengths. All of which has to be done while maintaining fuel supply throughout the airport facility.”

On-site contractors need to closely follow plans for the location of electrical line and water pipes, running across the line of the deeper pipeline. These lines are propped up while the new pipeline is put in below.

Project manager, James Neilson, says airport sites are uniquely dense for underground services, with layers of pipe and cabling crossing over each other beneath the tarmac.

“If you’re developing a site in a paddock, there might be one or two lines to be aware of. At an airport, it can be like ‘pick up sticks’.”

When the new pipeline is laid, the existing line will be removed.

Once in place, there will be 600m of new pipeline underground. The imported 12-metre-long sections of pipeline arrived in August and are joined on site. Half a metre wide, the pipeline is made of steel, with protective coating around the outside to prevent corrosion underground.

In one minute, the pipeline network pumps up to 14,300 litres of fuel, which would fill the petrol tanks of 240 average cars.

The pipeline can be accessed for maintenance and fuel supply from the surface at four locations. ●

“We are also a fast-growing business hub with hundreds of companies operating here. We want to ensure that local people share in the benefits of our transformation and have opportunities to connect with employers so they can find jobs close to their homes and provide for their whanau.”

Auckland Airport is already home to more than 800 businesses with 20,000 people working in the precinct every day. Since its establishment, Ara - Auckland Airport Jobs and Skills Hub has placed hundreds of people into employment and thousands of others have also successfully completed training through, including through apprenticeships and micro-training courses.

“Auckland Airport is at an exciting point in its history and we are really keen for job seekers to consider the career paths that are on offer here as well as enabling our local employers to fill vacancies they have,” says Adrian.

In 2019, 210 job placements were made through Ara, with 175 of these involving people living in South Auckland. In addition, more than 78 people completed training offered through the programme and 77 students from five local secondary schools graduated from a year-long work experience programme. ●



# 311 rooms

5-star hotel

## Piles of progress at the Pullman

The architectural elements of Auckland Airport's new luxury hotel build are being revealed as piling is now completed and the structure is emerging at Te Arikiniui Pullman Hotel.

More than 80 piles, 30 metres deep are now in place to underpin the 311-room 5-star hotel as the building rises out of the ground.

Its exterior will feature sculptural, fluid façade surfaces representing the natural, organic forms of branches and leaves, once complete.

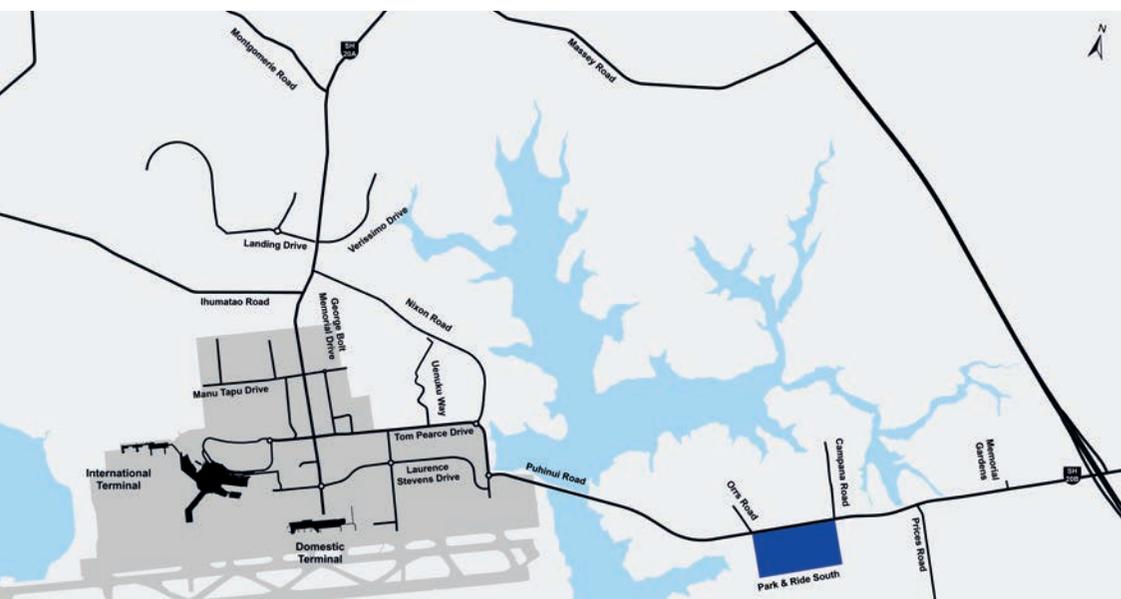
The feature entrance necessitates a complex structure with a substantial pile cap and foundation – the biggest foundation needing 25 concrete trucks to fill.

The steel framing that will support tree-like foundations which hold up the eastern end of the building are the next important stage of the two-and-a-half-year build.

"Piling represents a significant milestone in the project where you can see the architects' design come to life as the structure of the hotel is revealed," says Brook Myers, Manager Hotels & Commercial, Auckland Airport.

Each of the thousands of pieces of steel are being fabricated off-site before being carefully lowered into place. Built in partnership with Tainui Group Holdings, the doors will be open at the hotel in early 2022. ●

# New Park & Ride connects southern travellers



Access to Auckland Airport for travellers coming from the south is set to improve with work beginning on a second Park & Ride facility that will boost options for access to the terminals and reduce the number of vehicles on the precinct's busy road network.

3,200 New parking spaces added

Completion date:  
Late-2020

Complements improvements to SH20B and public transport upgrades

Set for completion in late-2020, Park & Ride South will deliver 3,200 new carparks, adding capacity to the 4,300 carparks at the existing Park & Ride North facility.

Richard Barker, Auckland Airport's General Manager Retail and Commercial, says the new development will be a welcome asset for travellers from the south.

"We know how popular the Park & Ride service is for travellers. This new development will make things easier for those southern travellers who otherwise have to drive right through the airport to get to Park & Ride North," says Richard. "It will also help to ease traffic for all road users and keep business around the airport flowing."

"As we begin the transformation of our international terminal to incorporate an expanded arrivals area and a new domestic jet facility, there will be changes to car parking around the precinct. Park & Ride South will give people another easy, convenient option for pick up and drop off."

At a site blessing on Friday, 29 November, Programme Manager, Tim McKenzie, acknowledged Te Ākitai Waiohū as a mana whenua of the Puhinui area, the sensitivity of the land, and the strong relationship that Auckland Airport enjoys with Te Ākitai Waiohū.

"This site will be a key part of the airport's infrastructure and its transport system – and a gateway to welcome people and to connect with our communities," Tim says.

The development complements planned early improvements along SH20B, which include widening the road for priority bus lanes, shared walking and cycling paths and safety upgrades to intersections. Connections with public transport will be boosted with the completion of an upgrade to Puhinui Station in 2021, with bus travel times of 10-12 minutes between the train station and Auckland Airport.

The Park & Ride South facility is scheduled to open in December 2020. ●

This site will be a key part of the airport's infrastructure and its transport system – and a gateway to welcome people and to connect with our communities.

Tim McKenzie  
Programme Manager



Friday 29 November  
Site blessing acknowledged Te Ākitai Waiohū as a mana whenua of the Puhinui area, the sensitivity of the land, and the strong relationship that Auckland Airport enjoys with Te Ākitai Waiohū.



# Airfield overlay creates compaction

The expansion of Auckland Airport's airfield is well underway, with 25 hectares of land at the north-western end of the runway being dug out, with a heavy, bulging cover of aggregate laid over the top.

The pressure of the top layer will ultimately produce a solid base upon which future taxiways can be built.

The river-bed alluvial ground – featuring layers of clay and even peat – is unsuitable for roading and tarmac. For development of the remote stands and taxiway extensions, the project team has dug down to the sub-grade layer, which can be up to 2m deep, and overfilled with compacted rock.

Project Manager, Wayne de Ruiter, says the area would be left beneath a contoured covering of aggregate for six months.

“Then we'll strip the overfill, dig a little deeper and begin work on the strong surface we need.

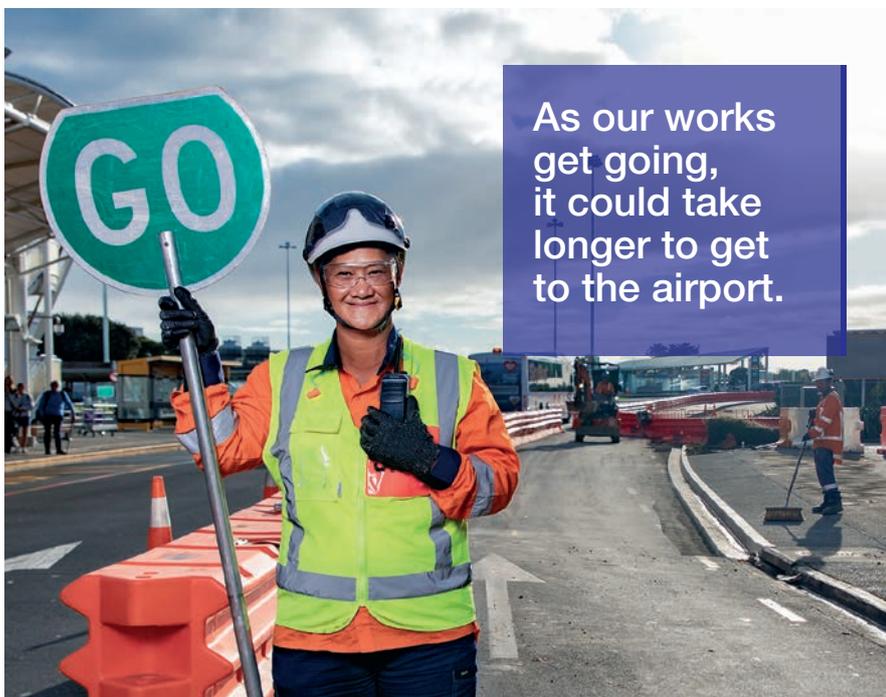
“And, like so many airfield projects, we need to do all this while maintaining road access, water pipes and electricity lines – all without interrupting airport operations.”

Enabling works have seen around 4,000 tonnes of aggregate material being trucked on to the site daily in recent months. One-and-a-half kilometres of 10m wide access road has been laid for movement of materials.

Wayne says once the top layer was scraped back in mid-2020, work will begin on the new surface. ●

# 25

hectares of land at the north-western end of the runway



As our works get going, it could take longer to get to the airport.

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