

Manukau Bus Station

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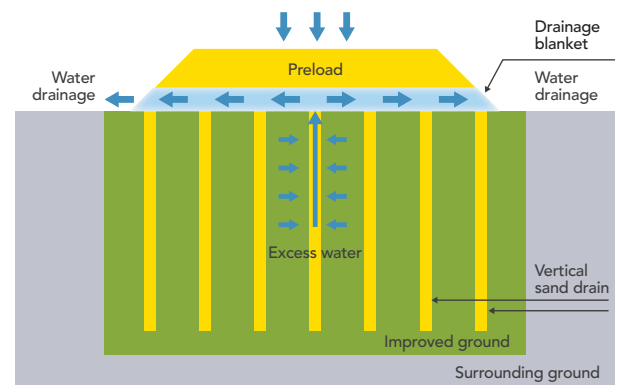


Enabling construction works come to an end soon

Enabling construction works (site preparation for main construction works) for the future Manukau Bus Station will come to end in early August. Since enabling works started in February this year, our contractors Fulton Hogan have completed the following work:

- Site clearance of the existing Manukau Civic Building car parking area (northern area)
- A new entrance for vehicles to allow access from Manukau Station Road to the remaining car park area
- Earthworks to reshape the existing ground profile
- Removal of the existing stormwater system within the carpark and installation of new stormwater pipelines, connecting to the existing network
- Installation of a new sewer system (not currently operational)
- Installation of the vertical sand drains, drainage blanket and preload through the middle of the site
 - This work has been completed to accelerate settlement and to improve ground conditions for the future Manukau Bus Station
 - Sand drains have been installed into the ground and covered in a drainage blanket. Sand drains are 100mm diameter holes drilled vertically, 8m deep, into the ground and filled with sand material. These are spaced at regular intervals across the site
 - Additional fill material has been placed on top of the drainage blanket to add weight to the existing ground and this is known as 'preload'
 - Overtime the preload consolidates the ground, squeezing moisture out of the soft saturated material. The moisture will escape through the sand drains, flowing vertically upwards (very slowly) until it reaches the drainage blanket. The moisture will then flow out of the drainage blanket into the surrounding area where it will be collected on-site

- Markers have been installed which extend beyond the top of preload. These will be monitored over time to track the ground movement
- The main construction works for the Bus Station will start later this year. New sand drains will be installed on the southern side of the site and the preload will be moved to this area. Once the ground has settled the preload will be removed from the site
- During the preloading time the area will remain fenced off and closed to the public.



Ground improvement technique: Sand drains with preload

What's coming up next?

Auckland Transport will hold a tendering process for a contractor for the main construction work. This is expected to start in July and the tender will be awarded by October.

For more information

Email Abel.Tutagalevao@aucklandtransport.govt.nz

Phone 09 355 3553 or visit AT.govt.nz/manukaustation



Get ready south Auckland – so you don't miss your bus ride

Everything about buses in south Auckland, Pukekohe and Waiuku will completely change on Sunday, 30 October 2016.

What is changing?

- New bus routes
- New bus numbers
- New timetables – new start times and finish times
- New information at bus stops
- Some people will need to connect with another bus or train to complete their journey.

How does the Manukau Bus Station fit with the new buses?

Manukau will become a central hub for south Auckland buses with at least 11 bus services connecting at the Manukau Bus Station.

The only buses to continue using the bus stops outside Westfield Shopping Centre will be the Airporter bus and long distance coaches.

All other buses will use the bus stops near the Manukau Train Station until the bus station is built. Passengers and shoppers will need to make their way to the station for their local bus.

What are the benefits?

- Expect more buses, more often across south Auckland
- Three new frequent services – at least every 15 minutes every day
- All-day bus service, 7am to 7pm, 7 days a week to get you across south Auckland
- Easier to understand with simpler bus timetables and bus routes.

What does the new bus network look like?

- A map of the new bus routes can be viewed online at www.AT.govt.nz/newnetwork
- Local libraries will have copies
- Local Board offices will have a copy

What are the new times for my bus?

New bus timetables are coming. They will be available at least a month before changes are made. Closer to the time we'll be out in the community helping people plan their new travel journeys.

Until then, check out the new map to see what's different about your bus route.

Follow us on Twitter at AKL Twitter or sign up to our email newsletter at www.AT.govt.nz/newnetwork

