



Southern Corridor Improvements Project Update

PROJECT SET TO OPEN IN STAGES FROM JANUARY

The Southern Corridor Improvements project is extremely complex and work is taking place within a highly constrained and narrow motorway corridor, resulting in a staged construction approach to ensure the motorway continues to stay open during the work.

The new Takanini northbound on-ramp will be completed in December this year and work will be carried out during the holiday period to open this new ramp in January (2019). The significantly longer on-ramp and removal of the existing merge onto the motorway will reduce queuing around the Takanini Interchange, and improve northbound (citybound) flows.

The rest of the project will continue to be opened in stages as parts are completed from early next year, with full project completion by the end of next year (2019).

The additional third southbound lane opened mid-last year (2017) providing benefits between Hill Road and Takanini, and from Takanini to the Pahurehure Inlet, including the new Takanini southbound off-ramp.

The \$268 million Southern Corridor Improvements project on Auckland's Southern Motorway (SH1) is scheduled for completion in 2019 and involves extra lanes on SH1 between Manukau and Papakura, upgrading the Takanini Interchange, and a new 4.5km shared walking and cycling path alongside SH1 between Takanini and Papakura.

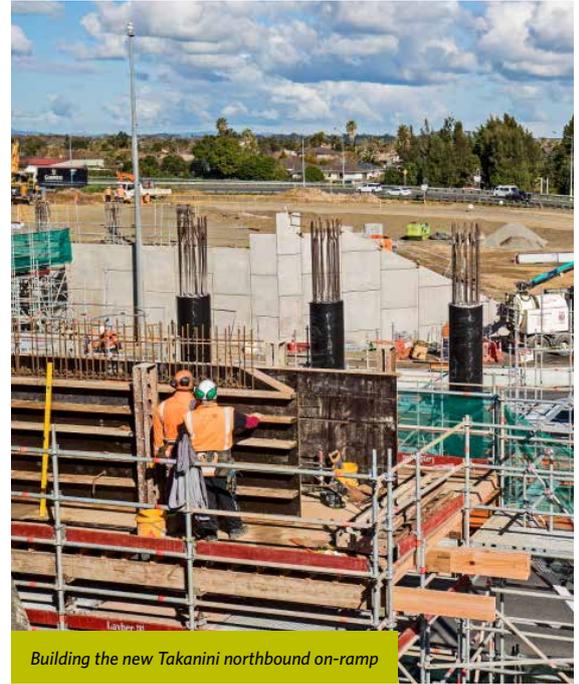
OPENING DATES



PROJECT COMPLEXITIES



New Takanini on-ramp taking shape



Building the new Takanini northbound on-ramp

ADDITIONAL SCOPE

The work programme has extended to late 2019 as a result of changes to the initial project scope. The initial proposed design of the Takanini northbound on-ramp had to be updated from a diamond configuration to a loop. This will take a longer time to construct as work is taking place within a more constrained site and additional structures are required.

In addition, the two bridges over the Pahurehure Inlet carrying northbound and southbound traffic were initially planned to be widened, however more detailed investigation discovered that the supporting piers should be fully replaced to ensure the bridge remained structurally sound for years to come. Work in this coastal marine location is complex and needs to be staged in order to keep traffic flowing and to minimise the environmental impact on the Pahurehure Inlet.



BENEFITS:

- Improved journey reliability on the Southern Motorway (SH1)
- More lanes to improve traffic flow
- Upgraded Takanini Interchange to improve safety and traffic flow
- Improved connections between the local roads and state highway network
- New walking and cycling facilities to connect communities
- New or improved noise walls, lighting, urban design and landscaping.



New bridge and extra lane over Pahurehure Inlet



Raising the level for the new and longer Takanini northbound on-ramp

WORKING OUT OF SIGHT IN CONSTRAINED AREAS

While it may not be easy to see the entire workforce from the motorway level, there are more than 150 people most days working on or below the road and within site compounds, and making deliveries to and from site. The construction crew is completing work on foundations, retaining walls, culverts and service relocations in places such as the Puhinui stream overpass, railway bridges and under the Takanini Interchange.

In addition, there are approximately 70 staff working from the site office in Takanini.

HOURS OF OPERATION

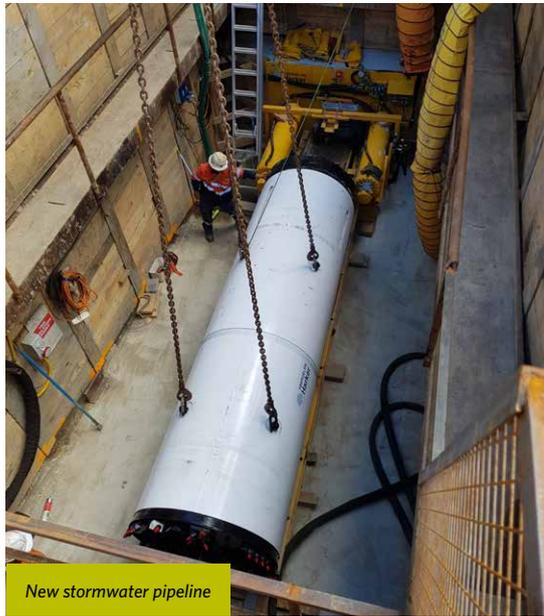
The project operates almost 24 hours a day, 6 days a week, with the exception of Friday and Saturday nights where there are restrictions on closing the motorway. Night work is undertaken almost every week Sunday to Thursday, after 10pm and before 5am on either northbound or southbound lanes. In order to minimise congestion, restrictions to working areas along the motorway corridor are in place from 6am to 10am and 3pm to 7pm. Our crews also change shift twice a day, every morning between 5am and 7am, and again between 6pm and 9pm.

During the work, we need to be cognisant of neighbours to ensure we are within the strict consent conditions for noise and vibration levels, avoiding unnecessary disturbance at night.

The project team is committed to finishing the work safely and as quickly as possible.



Crew working underground on service relocations



New stormwater pipeline



Puhinui Bridge



Shared walking and cycling path

WANT MORE INFORMATION?

We send out monthly progress updates via email so get in touch if you would like to receive these by emailing: southerncorridor@nzta.govt.nz

Quarterly community evenings are held so check out the website for details of the next event.

You are welcome to give us a call or visit the site office during normal working hours (details to the right).

CONTACT:

Freephone:
0508 NZTA SCI (0508 6982 724)

Email: southerncorridor@nzta.govt.nz

Visit: 8-12 Great South Road,
Takanini (behind Gull)

Website: [www.nzta.govt.nz/
auckland-southern-corridor](http://www.nzta.govt.nz/auckland-southern-corridor)

To request a translation of this information please email southerncorridor@nzta.govt.nz or call 0508 NZTA SCI (0508 6982 724).

Ki te hiahia kia reo Maori tenei panui, tuku imera ki southerncorridor@nzta.govt.nz waea atu ranei ki 0508 NZTA SCI (0508 6982 724).

若需要该信息及《反馈表》中文译本，请发送电子邮件至 southerncorridor@nzta.govt.nz 或致电 0508 NZTA SCI (0508 6982 724)。

A manaomia se faaliliuina o nei faamatalaga ma pepa e tusia mai ai ni manatu, faamolemole emeli mai ile southerncorridor@nzta.govt.nz poo le telefoni 0508 NZTA SCI (0508 6982 724).