



North-South Corridor Northern Connector Project

Community Update – September 2019



Waterloo Corner Interchange overpass

Opening of the Waterloo Corner Interchange overpass

A key milestone for the Northern Connector Project was achieved earlier this year with the staged opening of the Waterloo Corner Interchange overpass to traffic, delivering a major road safety boost for the St Kilda area.

The newly-opened overpass takes traffic from Waterloo Corner and Port Wakefield Roads over the Northern Connector, providing signalised access to and from St Kilda and surrounding areas. With the opening of the overpass, St Kilda Road was permanently closed to through-traffic from Port Wakefield Road.

Local contractors and materials were used in the construction of the overpass bridge, employing many northern Adelaide residents and companies.

Once the Northern Connector project is complete in late 2019, this Interchange will contribute to relieving congestion on Port Wakefield Road.

Upcoming works>>

>> Northern Interchange

In April 2019, a major traffic switch occurred as part of construction works for the Northern Interchange. Port Wakefield Road northbound traffic was moved onto the southern carriageway with two lanes maintained in each direction. Speed restrictions will continue in this area as construction of the Interchange continues.

In addition, a new Northern Expressway temporary on-ramp was opened, maintaining access for northbound traffic traveling from Port Wakefield Road to the Northern Expressway.

Once complete, the Interchange will connect the Northern Expressway, Port Wakefield Road and the Northern Connector.



>> Bolivar Interchange

Works are continuing for the construction of the Bolivar Interchange, including the Bolivar Road upgrade, and for the future signalisation of the Port Wakefield and Hodgson Roads junction.

As part of increasing construction activities in this area, extended weekend work was recently undertaken to install services across Port Wakefield Road. Construction crews worked day and night to complete trenching, install conduit and temporary asphalt works.

Please note, further traffic changes will be required in this area while maintaining access to the OTR Bolivar, Krispy Kreme and the Whitehorse Inn at all times.



>> Southern Interchange Works

Works have been progressing well within the area of the Southern Interchange.

In January 2019, the project achieved a significant milestone, installing all of the bridge beams over the Port River Expressway. In all 17 bridge beams, each weighing approximately 40 tonnes, and approximately 250 cubic metres of concrete were placed to create the northbound and southbound lanes.

These works signify an important step in building the connection between the South Road Superway and the Northern Connector.

Replacement of the Craig Gilbert Bridge over the Port River Expressway

In May 2019, the demolition of the Craig Gilbert Bridge saw another significant milestone achieved for the project.

The demolition works removed approximately 520 cubic metres of concrete from the structure and involved specialised, heavy equipment to ensure the bridge was removed safely.

The new bridge over the Port River Expressway will retain the Craig Gilbert name, in honour of the former Tonkin Consulting Managing Director, whose innovative design was used for the original bridge.

New South Road Superway off-ramp opened

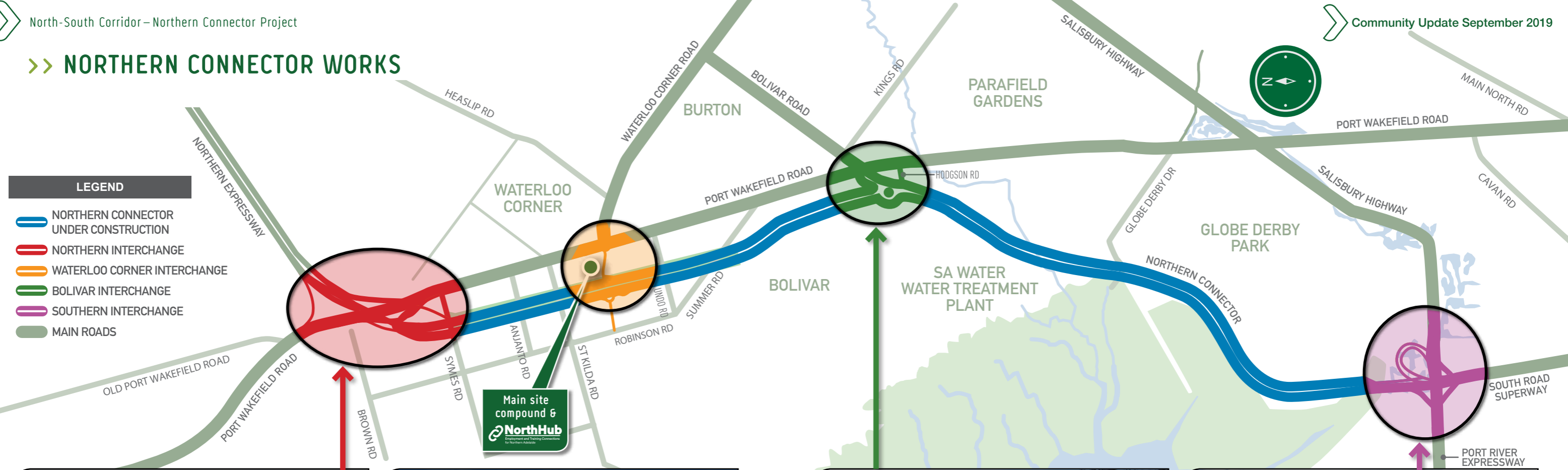
The opening of the new, elevated off-ramp from the South Road Superway was the first permanent shift of traffic onto infrastructure that will form part of the Southern Interchange. When complete, this Interchange will connect the new motorway with the Port River Expressway, South Road Superway and the Salisbury Highway.



>> NORTHERN CONNECTOR WORKS

LEGEND

- NORTHERN CONNECTOR UNDER CONSTRUCTION
- NORTHERN INTERCHANGE
- WATERLOO CORNER INTERCHANGE
- BOLIVAR INTERCHANGE
- SOUTHERN INTERCHANGE
- MAIN ROADS



FAST FACT 348 total bridge beams installed across the project to date



FAST FACT 3 bridges open to traffic



FAST FACT Approximately 1,100 concrete piles installed across the project



FAST FACT 14.1 kms of concrete paved



>> Environment –

What is happening across the project?

The Northern Connector Project's environment team have had a busy year. The Environment Protection Authority (EPA) visited the site to conduct inspections of all zones focusing on waterways, bridges, the batch plant and concrete paving. The team received excellent feedback with special mention of the tidiness of the site and attention to detail displayed in all aspects of the project. The team has worked tirelessly to ensure that 100% of soil and material on site is recycled and have diverted 95% of all waste from landfill. Additionally, 615 tonnes of inert and non-hazardous waste has been recycled on the project to date.



Landscaping

Landscaping contractor Ecodynamics have commenced landscaping works across the project. To date, 400,000 of approximately 930,000 trees, plants and shrubs have been planted with 95% of the species being indigenous to the Northern Connector Project region.

Having previously used imported products, Ecodynamics have recently switched to GoGo Juice, a soil conditioning product developed locally and manufactured by Neutrog in the Adelaide Hills at Kanmantoo. This further supports the Project's current benchmark of achieving more than 90% of project spend on South Australian companies and has encouraged the department to re-assess its standard use of imported fertiliser products.



Fun facts

- Approximately 930,000 trees, plants and shrubs will be planted across the project
- 100% of all soil and material onsite has been recycled
- More than 94% of all waste onsite has been diverted from landfill
- Only 6% of office waste has gone to landfill
- More than 83% of all water used on the Project has been non-potable which is equivalent to 132 Olympic sized pools
- 97 individual trees that were planned to be removed have been saved
- 574,033m² of proposed vegetation removal has been prevented which is equivalent to 32 AFL Football Fields



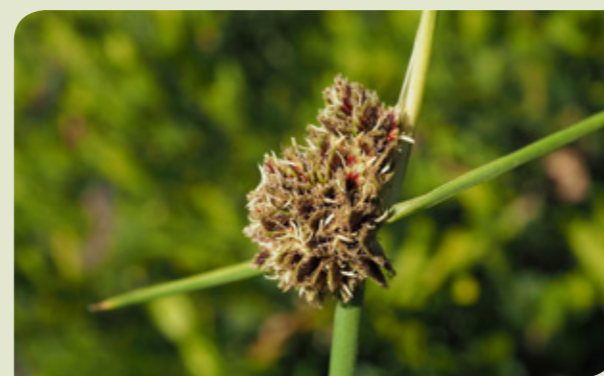
Drooping Sheoak

Name: Allocasuarina verticillata

Height: Grows up to 10 metres

Quantity to be planted: 5,000

Ecology and Indigenous Use: These trees provide food for cockatoos and parrots and provide nesting material and habitats for smaller birds.



Spiny Flatsedge

Name: Cyperus gymnocaulos

Height: Wetland tussock to 1m high, 1m wide

Quantity to be planted: 5,000

Ecology and Indigenous Use: Important nesting habitat for shore and wetland birds. Used by Indigenous Australians for basket weaving.



Ruby Saltbush

Name: Enchylaena tomentosa

Height: Shrub to 1.5m high by 3m wide

Quantity to be planted: Approximately 50,000

Ecology and Indigenous Use: Important food source for various fauna including native marsupials, birds and reptiles. Important food for Indigenous Australians, historically and present. Fruit can be eaten raw or brewed in a tea. Important livestock forage.



Blackseed Samphire

Name: Tecticornia pergranulata

Height: Up to 30cm high

Quantity to be planted: 3,000

Ecology and Indigenous Use: Important salt marsh species, colonises highly saline and tidal sites. Becoming a fashionable vegetable in modern cuisine.

Reason for selection: All plant species above have been chosen due to their longevity, weed suppression and self-sufficiency in constructed landscapes.



ABCN Program

ABCN is the Australian Business and Community Network, and the Northern Connector Project collaborated with them to run the “Interview 2 Impress Program” (i2i) with Parafield Gardens High School.

The i2i program is a one-day workshop that equips students from high-needs schools with essential interview skills needed to engage in employment options beyond school. These sessions help build students’ understanding of job interview techniques and processes. It also allows students to experience realistic interview scenarios in a corporate environment by working with mentors who are able to provide feedback and advice based on their own experiences.

This program was held in May 2019 with approximately 30 students in attendance and 10 project staff from DPTI and Lendlease as mentors for the day.



NAIDOC week

The Northern Connector Project team hosted a NAIDOC Week morning tea to recognise the positive contribution Aboriginal and Torres Strait Islander people are making to the project.

DPTI and Lendlease have worked together to achieve almost 11% of all on-site labour hours to date being undertaken by Aboriginal or Torres Strait Islander people and more than \$9 million has been spent on Aboriginal owned businesses.

Uncle Jeffrey Newchurch and Auntie Lynette Crocker received a framed copy of the Memorandum of Understanding on behalf of the Kurna community, signed by Kurna representatives and Lendlease, which formalises an ongoing commitment to Aboriginal economic participation and cultural development beyond the Northern Connector Project.



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NorthHub

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Are you registered with NorthHub?

NorthHub is the employment and training centre established by Lendlease to connect jobseekers with employment opportunities on the Northern Connector Project.

To apply for available jobs or register your interest for future employment visit www.NorthHub.sa.gov.au or visit the NorthHub team on-site.

NorthHub
OPEN FOR BUSINESS