



GAWLER EAST LINK ROAD PROJECT

Newsletter - March 2020



South Para bridge taking shape

The Gawler East Link Road Project celebrated a major milestone with the installation of concrete beams for the bridge over the South Para River.

In total, 18 bridge beams, each weighing approximately 60 tonnes, have been placed to create the north and southbound lanes on the bridge, as part of the new Gawler East Link Road. Local contractors and materials have been utilised, with the bridge beams fabricated and craned into place. Once complete in May, the bridge will measure approximately 18 metres in height, and over 100 metres in length.

These works form an important role in building the connection between Calton Road and Gawler–One Tree Hill Roads.

Drone and timelapse footage of the installation can be viewed on the Gawler East Link Road Project website at: <https://www.dpti.sa.gov.au/gelr>

Once complete, the Gawler East Link Road Project will provide local traffic with direct access to Main North Road without travelling through the Gawler Town Centre, reducing travel times and improving safety for motorists.

For more information about the project visit www.dpti.sa.gov.au/gelr

For project enquiries:

call 1800 282 939
email DPTI.gelr@sa.gov.au
visit dpti.sa.gov.au/gelr



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» Gully Arch Structure

The Gawler East Link Road Project achieved a key milestone, constructing a precast concrete arch structure (also known as BEBO Arch System), north of Gawler-One Tree Hill Road, Gawler South.

The precast concrete structure forms an important role in building the connection between Gawler One Tree Hill Road and the South Para River, and will assist in maintaining a key environmental corridor for local fauna such as the Flinders Ranges Legless Worm-lizard (a vulnerable species).

In total, 16 precast concrete arch units were craned into place, each unit weighing approximately 20 tonnes.

Local contractors were engaged to undertake the works with the arch footings constructed by TC Formwork and the precast concrete arch units constructed by Humes. They were craned into place by Fleurieu Cranes.

GoPro footage of the installation process can be viewed on the Gawler East Link Road Project website at: www.dpti.sa.gov.au/gelr



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>> Work experience on the Gawler East Link Road Project

The Gawler East Link Road Project and Contractor Bardavcol recently partnered with 'Save the Children' to provide work placements for students from the Gawler & District College.



'Save the Children' has been working with the Gawler & District College since 2015, contributing to programs that aim to assist local youth in overcoming barriers to training and employment opportunities, whilst also supporting them in further education.

In July and August 2019, three Year 11 students who had previously completed their *Introduction to Construction (White Card) Training* through the *Flexible Learning Options* program, completed work placements with Bardavcol on the Gawler East Link Road Project.

In feedback to the project team, a parent of one of the students commented they had never seen their son so motivated, waking at 6am to make his lunch and on time for the 7am worksite briefing. The students were so enthusiastic, they often arrived 20 minutes early for their shift.

The work experience program was a great success, providing the students with firsthand experience across a range of construction activities including traffic management, storm water installation, earthworks and bridgeworks.

>> Reducing our environmental impact

The Gawler East Link Road Project has teamed up with Downer to use 'Reconophalt', a Downer asphalt product that contains recycled soft plastics, old printer toner cartridges and 30% recycled asphalt pavement.

This product will be used on approximately 5.5 kilometres of footpath to be constructed as part of the Gawler East Link Road Project.

The use of 'Reconophalt' in lieu of traditional hot asphalt will significantly reduce the Projects Carbon Footprint and divert over 240,000 plastic bags, 13,700 printer cartridges and 229 tonnes of recycled asphalt from landfill.

Additionally, the Gawler East Link Road Project has teamed up with Kennards Hire to trial zero-emission temporary solar lighting towers, using the only four solar-panelled temporary lighting towers in South Australia.

Typical lighting towers are powered by diesel generators and can be a source of noise during night works. However, resident feedback encouraged the project team to think outside the box and explore the options with less noise and emissions.

The trial has been a success so far, with additional solar panels added during the winter months to provide more charge.



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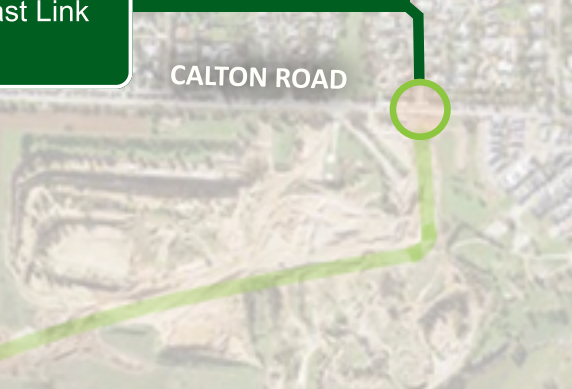
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>> GAWLER EAST LINK ROAD WORKS

Construction of the Bebo Arch structure - December 2019



Construction of a roundabout at the intersection of Calton Road and Gawler East Link Road



Looking underneath the bridge deck - January 2020



Road widening and asphalt works on the Tulloch Road Intersection Upgrade Project - January 2020



Kerbing the new link between Potts Road and Gawler-One Tree Hill Road - January 2020



Construction of the bridge piers - December 2019



Main North Road/Tulloch Road/Morrow Avenue Intersection Upgrade

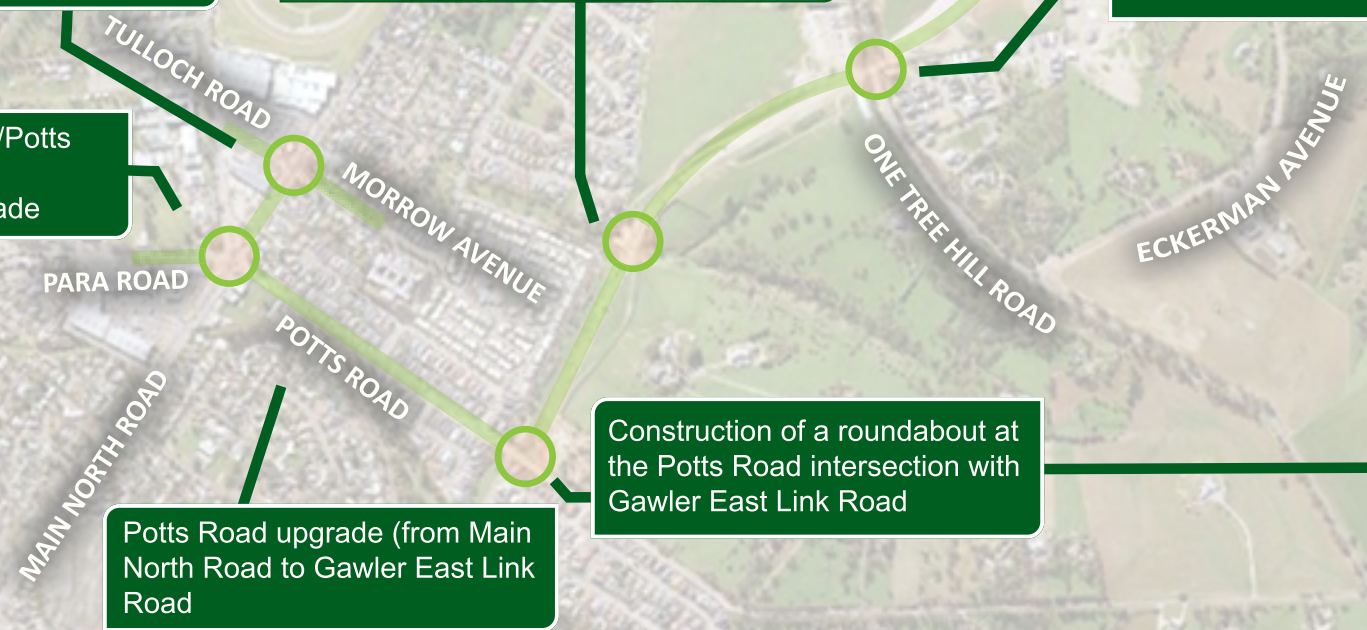
Construction of a roundabout at the intersection of One Tree Hill Road and the Gawler East Link Rd

Construction of the Potts Road roundabout - January 2020



Main North Road/Potts Road/Para Road intersection upgrade

Potts Road upgrade (from Main North Road to Gawler East Link Road)



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» FAST FACTS - MARCH 2020



- **215,000 cubic metres of soil excavated across the project site to date**



- **1,300 cubic metres of concrete poured to date**
- **62,360 cubic metres of concrete to be poured in total across the project**



- **2,000 tonnes of asphalt laid to date**
- **16,007 tonnes of asphalt to be laid in total across the project**



- **200 tonnes of steel used across the project to date**



- **1400 tonnes of precast concrete to be used in total across the project site**

» Official naming of the Gawler East Link Road

The Town of Gawler has honoured two former Gawler residents by having sections of the Gawler East Link Road named after them.

Councillors voted in favour of the naming at a meeting held in June 2019.

The section of road between Potts Road and Springwood Communities' future commercial precinct will be named Schomburgk Drive, after pioneering botanist Moritz Richard Schomburgk, an early curator of the Gawler Museum and former Director of the Adelaide Botanic Gardens.

The section of road between Schomburgk Drive and Calton Road will be named Mullamar Way, in recognition of Aboriginal health leader Mary "Mullamar" Graham. Mary inaugurated a stolen generations women's group, and was committed to healing the wounds inflicted on the stolen generations (of which she too was a member). She was also an Aboriginal Family Resource Worker at Gawler Health Service. Mary passed away in 2013, and her family have provided consent to use her name.

Schomburgk Drive and Mullamar Way will open to the public in late 2020 (weather permitting).

» CONTACT US



1300 282 939



www.dpti.sa.gov.au/gelr



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For real time roadwork information visit

www.addinsight.com.au/app

and download the app, available for both Apple and Android, or visit the

Traffic SA website at

www.traffic.sa.gov.au

addinsight

TRAFFIC INTELLIGENCE SYSTEM

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