



CABRAMATTA LOOP PROJECT

SUSTAINABILITY FACT SHEET

CLP_20

ACKNOWLEDGEMENT TO COUNTRY

ARTC and Fulton Hogan acknowledge the Dharawal and Darug People as the Traditional Owners of the land we are working on, and pay our respect to their Elders past, present and emerging.

We recognise their deep connection to Country and value the contribution to caring for, and managing the land and water.

We are committed to pursuing genuine and lasting partnerships with Traditional Owners to understand their culture and connections to Country in the way we plan for and carry out the delivery of the works.



Artwork by Luke Penrith, from Fulton Hogan's Reconciliation Action Plan. Luke Penrith is a modern contemporary Aboriginal Artist living in Brungle NSW, Wiradjuri Country. His ancestry is connected through the Wiradjuri, Wotjobaluk, the Yuin and the Gumbaynggirr Nation.

The Cabramatta Loop Project will increase rail freight capacity on the Southern Sydney Freight Line by allowing freight trains travelling in either direction to pass each other. Together with the Botany Rail Duplication, it will build capacity to meet predicted growth in demand for freight to be carried on rail between Port Botany and metropolitan freight intermodal terminals and help reduce the number of trucks on our roads.

Looking after the environment and the community during the construction of the Cabramatta Loop Project is a priority for the construction team. We take care to protect local waterways, contribute to improving the green space in the area after construction, reduce greenhouse gas emissions where possible and reasonable, and ensure we don't waste important natural materials. Through careful planning, we've come up with several ways to construct the job while ensuring we look after the local environment.

WHAT IS SUSTAINABILITY IN INFRASTRUCTURE?



Recycle



Renewable energy



Reduced carbon emissions



Community

Sustainable infrastructure projects are those that are planned, designed, constructed, and operated in a manner that ensures economic and financial, social, environmental (including climate resilience), and institutional sustainability over the entire infrastructure life cycle. In practice, this means reducing our footprint by using less energy, water and materials, while also creating jobs and engaging with the community.

Infrastructure is a vital part of modern society. It is all around us and a part of our everyday lives. So ensuring infrastructure is planned and built in a sustainable way is an important contribution to overall sustainability.

We are working in partnership with the Infrastructure Sustainability Council (ISC), which is an industry body operating in Australia and New Zealand to ensure sustainable outcomes in infrastructure. These outcomes are measured by using a rating system for planning, design, construction and operation of assets.

REDUCING OUR FOOTPRINT

When designing and planning our project, our engineers carefully considered how we could use sustainable materials and methods, and also how we could minimise or avoid potential impacts on the environment.

On the Cabramatta Loop project, a lot of work has been done to ensure we leave behind a positive legacy for the natural environment and the surrounding community.

ACHIEVING A POSITIVE LEGACY

There are many ways we can reach our sustainability goals. Below are some examples of the initiatives that are currently in place on our project:



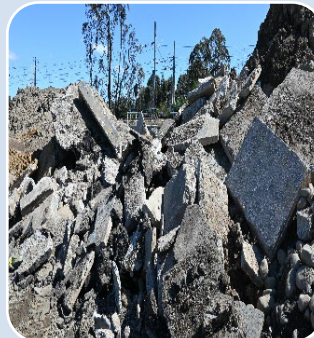
REDUCING EMISSIONS

Lightweight High Density Polyethylene (HDPE) stormwater drainage pipes are being installed for the Broomfield Street drainage, instead of traditional reinforced concrete, significantly reducing emissions when transporting this material to site.



REDUCING EMISSIONS

Renewable energy, in the form of temporary solar lighting, is being used around the site. These lighting arrangements are also less noisy than diesel generator-powered lights.



REDUCING WASTE

Crushing concrete and reusing other site material for:

- road building
- compacting around services and drainage
- fill, for use inside the rail corridor.



REDUCING WASTE

The majority of the existing noise wall panels on Broomfield Street will be reused to build the new noise wall. This will avoid disposing 500m³ of construction waste.



WATER QUALITY

- We ensure the water run off from site is filtered through silt bags and other sediment controls, to maintain existing water quality



FLORA AND FAUNA

- We preserve the habitats of valuable native species of flora/fauna in the project area through reduced land clearing, flagging protected areas and replanting resilient native species at the end of the project



HERITAGE

- We are minimising the visual impact to the existing heritage listed Sussex Street rail bridge by reducing the use of heavy plant and equipment near the bridge and matching the new bridge piles to the existing SSFL (South Sydney Freight Line)

The Cabramatta Loop project has seriously considered climate change risk and the impact of operations on the community and the surrounding environment, including water stress, energy use and the impacts of materials used in the maintenance of the rail infrastructure. The project endeavours to achieve a score of 'excellent' in the Infrastructure Sustainability Council (ISC) rating scheme.

DID YOU KNOW?

- **94%** of project generated site waste is being recycled
- **500m³** of recycled material will be used for the road base on Broomfield Street
- **700m²** of concrete panels in the noise wall on Broomfield Street will be relocated
- **100%** of concrete spoil to be used as a component of backfill material
- **Solar panels** to be installed on the site office compound to provide power for lighting and other office requirements



Translation and Interpretation Services

Please call **131 450** and ask them to call the project team on **1300 550 402**.

Vietnamese

Dịch vụ Thông Phiên Dịch – vui lòng gọi số 131 450 và nhờ họ gọi cho toàn phụ trách dự án qua số 1300 550 402.

Chinese Simplified

翻译与传译服务——请致电131 450，并请他们接通项目团队电话1300 550 402。

Arabic

خدمة الترجمة التحريرية والشفوية - اتصل على الرقم 131 450 واطلب منهم الاتصال بفريق المشروع على الرقم 1300 550 402.

Khmer

សេវាកម្មបកប្រែភាសា - សូមទូរស័ព្ទទៅលេខ 131 450 ហើយសុំឱ្យគេទូរស័ព្ទទៅគ្រូបកប្រែភាសាខ្មែរលេខ 1300 550 402។

Chinese Traditional

翻譯與傳譯服務——請致電131 450，然後要求他們接通項目工作組電話1300 550 402。

WANT TO KNOW MORE?

p: **1300 550 402**

e: **cabramattaloop@fultonhogan.com.au**

w: **cabramattaloop.com.au**



Register for project updates by hovering your phone over the code (visit the Contact Us page). | **1300 550 402**



Australian Government

BUILDING OUR FUTURE

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