



NEWS  
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# Community Newsletter

## BENEATH KINGSFORD SMITH DRIVE

Buried beneath Kingsford Smith Drive is a complex and extensive network of power, water, gas, telecommunications and waste infrastructure that provides essential services not only to the homes and businesses in the local area but across Brisbane.

Many of the services will need to be relocated to a new alignment within this congested services corridor to accommodate construction of the upgrade. Finding space to construct new services while keeping old services live is a major challenge.

A dedicated team has been investigating options and developing designs to ensure new services are given the appropriate space to operate effectively and facilitate future maintenance.

Where current maintenance of services requires lane closures on Kingsford Smith Drive, resulting in disruptions to traffic, the new design means that the majority of future maintenance of services can be undertaken behind the kerb with minimum impact to traffic and motorists.

Some of the pipes and cables beneath Kingsford Smith Drive date back to 1895, while others were originally installed in the 1940s. During relocation, these services will be upgraded to meet new standards and improve capacity to meet the future needs of the community.

Work to upgrade these services has already begun and will continue throughout construction.



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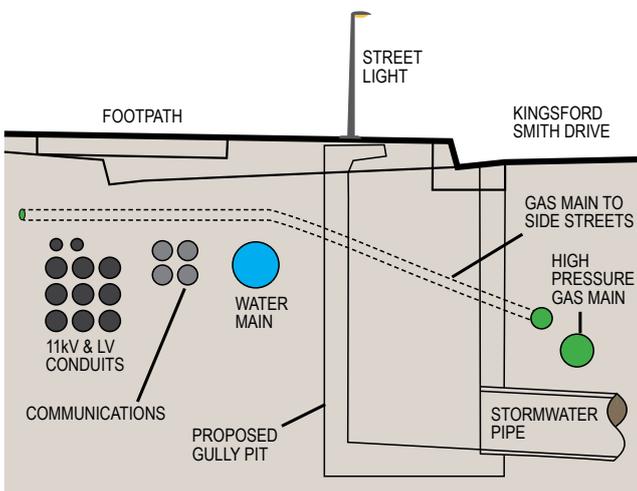
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Example of final configuration of underground services beneath Kingsford Smith Drive.

## UPDATED PROJECT WEBSITE

Read the latest news and information at the project's new website.

The new website includes construction information and images, as well as interactive project design and construction staging maps.

You can also subscribe to our distribution list to receive construction updates directly to your email.

Visit: [www.ksdupgrade.com.au](http://www.ksdupgrade.com.au)

# KINGSFORD SMITH DRIVE UPGRADE

Designed and constructed by

## lendlease

An initiative of



Dedicated to a better Brisbane

## OPEN FOR BUSINESS THROUGHOUT CONSTRUCTION



From modern boutique shopping and dining experiences to the service and quality that comes from family-owned businesses, Kingsford Smith Drive connects Brisbane's CBD to some of the city's best kept secrets.

While it may look different during construction, customers will still be able to access all of the businesses on and around Kingsford Smith Drive.

Temporary signs will be installed to help customers and suppliers find the businesses they are looking for.

Locals and guests are encouraged to visit the area during construction to check out the progress of the project and enjoy the ongoing service and hospitality of the local businesses that make this area special.

## CONSTRUCTION UPDATE

Construction of the Kingsford Smith Drive upgrade is now underway. Geotechnical investigations have been completed at 146 locations between Cooksley Street and Theodore Street. Data from these investigations is used to verify existing ground conditions and ensure the road is built to the highest quality.

Extensive work has been completed to locate and map all underground services (water, gas, electricity, etc.) beneath the surface of Kingsford Smith Drive. Services have been physically located at more than 1000 locations at depths ranging from 100mm to three metres below the surface.

Demolition of the centre median in several locations and a number of structures along the southern side of Kingsford Smith Drive is now underway. Over the coming months, construction will ramp up as work starts at a number of work fronts and piling begins in the river.



A purpose-built Visitor Centre has been constructed and is now open at 605 Kingsford Smith Drive, between 7.30am and 4.30pm, Monday to Friday. Visitors can learn about the project from information displays or speak to a member of the Community Relations Team, who can answer questions or provide an overview of project construction.

## FOCUS ON PILING

Residents and visitors to Brisbane will reap the benefits of the upgrade's new river walk, with dedicated rest areas and a separated off-road cycle path allowing users to explore this well-known but less frequently visited reach of the Brisbane River.

To make this new landmark a reality, Kingsford Smith Drive will be widened into the Brisbane River between Bretts Wharf and Cameron Rocks Reserve by approximately 10 to 15 metres.

A cantilevered structure over the river will be built to support the widening of the road and river walk structure.

A series of approximately 200 piles will be constructed between Bretts Wharf and Cameron Rocks Reserve to provide a solid foundation to support the new structure and anchor it into the underlying rock.

It is expected the majority of piling undertaken will be bored piling. This technique involves driving or vibrating a pile liner into place and then drilling a hole deep into the ground and filling it with steel reinforcement and concrete.

Piling works are expected to take up to 18 months to complete.

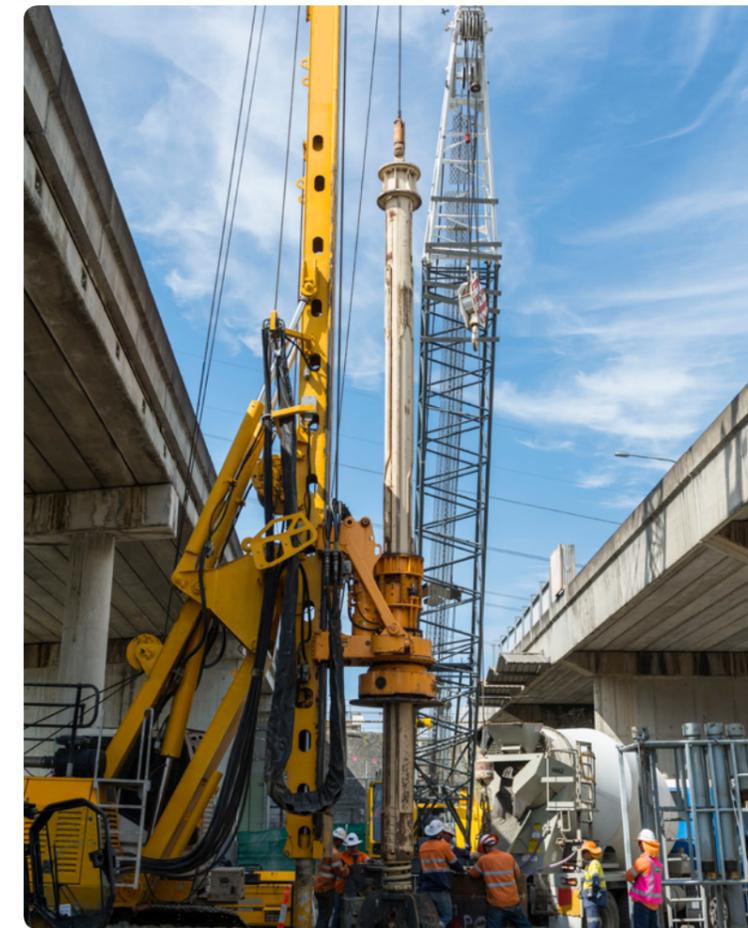
Piling activities will be undertaken between 7am and 5pm Monday to Friday and between 8am and 1pm on Saturdays. No piling activities will be undertaken outside of these hours.

### What to expect during piling:

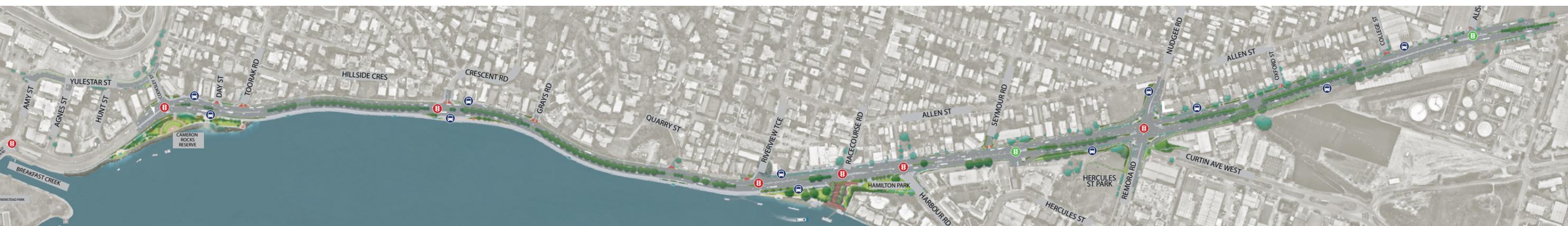
- Piling can result in increased levels of noise and vibration.
- Noise associated with the use of equipment such as excavators, cranes and drill rigs.

Some works will require the use of barges on the river, particularly to deliver equipment for the piling works.

Construction activities will be monitored to ensure noise and vibration produced is minimised, where reasonable and practical.



Typical piling rig, similar to what will be used to build the river walk structure.



## LOOKING BACK ON KINGSFORD SMITH DRIVE

The Kingsford Smith Drive upgrade will write a new chapter in the story of one of Brisbane's oldest and most historic roads.

Built by convict women in the late 1820s to connect Brisbane Town with the women's gaol at Eagle Farm, this important transport corridor has been known by several different names including Hamilton Road, Bailey Road, Sir Charles Kingsford Smith Drive and ultimately Kingsford Smith Drive.

Throughout its 180 year history, Kingsford Smith Drive has undergone several physical transformations in line with changing transportation technologies to meet the needs of the local community and traveling public.

Kingsford Smith Drive was originally used by horse drawn buses and trams. The addition of an electric tram in 1899 led to the rapid urbanisation of the area. The old tram tracks are still beneath Kingsford Smith Drive.

In 1953, the road was officially renamed 'Sir Charles Kingsford Smith Drive' after one of Australia's best-known early aviators. Sir Charles Kingsford Smith was born in 1897 in a house near the corner of Riverview Terrace and Hamilton Road (Kingsford Smith Drive) that is marked by the large rubber tree that remains on the corner, which was planted to commemorate his birth.

Today, Kingsford Smith Drive is one of Brisbane's busiest roads and a gateway to the CBD from Brisbane Airport, the Brisbane Cruise Terminal and Gateway Motorway.

The Kingsford Smith Drive upgrade will transform this historic riverside transport corridor into a subtropical boulevard and entrance to the city.



*Looking east on Kingsford Smith Drive November 1949.*



*Cameron Rocks Reserve War Memorial prior to relocation.*

## CAMERON ROCKS RESERVE

A special feature of the Kingsford Smith Drive upgrade is the revitalisation of Cameron Rocks Reserve. This beloved park is home to a prominent War Memorial dedicated to the men of Hamilton who fought in World War I.

The project team has and will continue to work closely with the Clayfield-Toombul RSL to determine the final location of the War Memorial in the refurbished park.

With the new location for the memorial and improved urban design elements such as enhanced lighting and landscaping, Cameron Rocks Reserve will remain a special place of remembrance for years to come.

Lendlease has appointed a qualified heritage stone mason to remove, restore and reinstate the memorial as required to facilitate the upgrade of both the road and the park. The memorial will be reinstated before Anzac Day in 2017. This will ensure Anzac Day ceremonies can continue to take place at the reserve each year.