



**NEWS
AUG
2017**

Community Newsletter

KEEPING UP WITH KSD

More than 2300 workers have started on the Kingsford Smith Drive upgrade, as construction on the project makes inroads across all work fronts on the Brisbane River and along one of Brisbane's most significant routes.

With jobs ranging from concreters and electricians to geologists and crane operators, the upgrade will have significant benefits not only for motorists and the city's transport network but also for the local economy.

In the Brisbane River, the team are making headway on constructing the retaining wall that will support the widened Kingsford Smith Drive and new river walk structure. Piling is well underway and works to prepare the ground are continuing ahead of piling to make sure we can keep progressing on this exciting new landmark for Brisbane.

To facilitate construction of the river walk, manufacturing of key pre-cast concrete elements is ongoing at the Marine Logistics Yard in Morningside. These elements, including scour protection devices and concrete panels that form both the retaining wall and the base of the new river walk, are loaded onto barges and transported across the river for installation.

The river is bustling with activity with 12 barges and another 10 support vessels now operating to deliver one of the key elements of the upgrade. To see how it all comes together, visit our website at www.ksdupgrade.com and check out the fact sheet on river walk construction.

On the road, we are busy relocating and installing important public utility services, including drainage, electricity, water, sewer, gas, telecommunications, traffic signals and street lighting. The relocation and installation of these services is setting the scene for Kingsford Smith Drive to be widened and you can expect to see new asphalt being laid this year – read more about upcoming works over the page.

This year's Anzac Day service was held in Cameron Rocks Reserve, with the relocated war memorial as its centrepiece. The heritage-listed memorial was cleaned and restored as part of the upgrade by a heritage stone mason. You can read more about this intricate process over the page.

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KINGSFORD SMITH DRIVE UPGRADE

UPCOMING WORKS

Many activities already underway on the project will continue for the remainder of 2017.

In the river, work on the retaining wall and river walk structure is ongoing and you can expect to see excavation, installation of scour protection devices, piles, and concrete panels for the remainder of the year. The marine structure is expected to be completed in 2018. Work at Yulestar Street and construction between Cooksley Street and Amy Street will continue, with completion of this section of the upgrade expected late this year. Activities in the area will include:

- service identification and relocation
- drainage installation
- pavement, kerb and verge upgrades
- changes to the layout of intersections at Amy Street and Breakfast Creek Road, Amy Street and Yulestar Street, and Yulestar Street and Cooksley Street
- traffic signal work
- footpath and finishing works.

Work in the Nudgee Road intersection continues, with traffic switched to a new left-turn slip lane from Kingsford Smith Drive onto Nudgee Road in the coming months to allow intersection upgrade works to continue.

Earthworks will also continue on the southern side of Kingsford Smith Drive between Theodore Street and Racecourse Road, with asphaltting set to start in late 2017.



Construction activities continue at Yulestar Street - June 2017



Nudgee Road intersection - April 2017

DID YOU KNOW... KSD CONSTRUCTION FACTS

LARGEST CRANE

- Weight: 750t
- Height: 60m
- Width: 10.8m
- Heaviest lift: 385t at a 90m radius

LARGEST PLANT ON SITE

- 50t excavator

VESSELS ON THE RIVER

- Number of barges on the river: 12
- Total vessels on the river: 22
- Largest barge: 64m x 21m
- Total length of all barges together: 506m

DRAINAGE

- Length of reinforced concrete pipe to be installed: 6,700m
- Number of service manholes to be installed: 344





CAMERON ROCKS RESERVE MEMORIAL REINSTATEMENT

A key feature of the Kingsford Smith Drive upgrade is the revitalisation of Cameron Rocks Reserve, including refurbishment of the existing war memorial. The project team worked closely with RSL Queensland's Clayfield-Toombul sub-branch to reinstate the memorial prior to Anzac Day this year, ensuring the traditional candlelight ceremony could go ahead.



Cameron Rocks Reserve war memorial - Prior to Anzac Day 2017

A local, qualified heritage stone mason removed and stored the memorial in 2016 to facilitate the refurbishment of Cameron Rocks Reserve. More than 440 individual pieces were meticulously numbered and mapped to ensure the memorial was reassembled in the same configuration as its previous location.

The memorial was reinstated to its new location in March and April 2017. The memorial is now positioned to provide greater capacity for service attendees and make use of the naturally beautiful backdrop the Brisbane River provides.

On Tuesday 25 April, a candlelight service was held at Cameron Rocks Reserve for Anzac Day, the first with the memorial in its new location. The construction site was transformed to ensure the service could go ahead in an appropriate, respectful setting.

Construction activities have now recommenced in Cameron Rocks Reserve to facilitate the construction of the river walk and refurbish the Reserve with improved urban design elements such as enhanced lighting and landscaping. The majority of works around the war memorial are expected to be completed in 2018, although works in Cameron Rocks Reserve will need to continue until the project is complete.

In the meantime, the war memorial will be protected at its new permanent location in the Reserve.



Cameron Rocks Reserve war memorial prior to relocation - March 2016



Cameron Rocks Reserve war memorial during removal - August 2016



Cameron Rocks Reserve war memorial at the new location - April 2017



KINGSFORD SMITH DRIVE UPGRADE

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'1927' WALL

During the 1920s, local residents were petitioning for improvements to Kingsford Smith Drive, then known as Hamilton Road. This included calls to construct a retaining wall from Breakfast Creek to the Hamilton retaining wall near Racecourse Road. Brisbane tuff, a type of rock formed as a result of a volcanic eruption, was used to construct this retaining wall.

Brisbane tuff is found in various parts of Brisbane and was quarried extensively at the Kangaroo Point Cliffs and the Windsor Town Quarry Park. Used in construction of Brisbane's earliest buildings including St Mary's Anglican Church in Kangaroo Point, Brisbane tuff is characterised by its variety of vivid colours including pink, green and purple.



Original 1927 insignia, west of Quarry Street - May 2016

As part of the Kingsford Smith Drive upgrade, approximately 80 metres of the retaining wall has been reclaimed and reused to build the new retaining wall in the Hamilton Recreational Reserve on the corner of Kingsford Smith Drive and Remora Road.

A '1927' insignia in the retaining wall, originally located to the west of Quarry Street, was preserved and relocated as part of the upgrade. The origin of the 1927 feature is unknown, however it is likely that it marks the construction date of that section of wall. Comprised of mortared stone and estimated at two metres in height from the river bed, this insignia forms the centrepiece of the Brisbane tuff retaining wall at the Hamilton Recreational Reserve.



1927 insignia in the retaining wall adjacent to Remora Road - June 2017

MEET THE KSD TEAM

SHANE PRESS – CIVIL SUPERINTENDENT

Shane has over 10 years' experience as a Civil Superintendent and has gained a wealth of experience working on a variety of large-scale projects. Starting out as an apprentice carpenter at 15 years of age, Shane steadily progressed to working on notable Brisbane-based road projects including the Inner Northern Busway and Ipswich Motorway upgrades. Shane has worked on projects in other iconic Brisbane locations over the years including Roma Street Parklands, the Port of Brisbane and Southbank.

As the Kingsford Smith Drive upgrade Civil Superintendent, Shane is responsible for running day-to-day operations on site. This includes planning upcoming work, controlling the short-term schedule and paying attention to quality control. Shane also manages the civil workforce including the foremen, leading hands and subcontractors.

The Kingsford Smith Drive upgrade is a complex job, no two days are the same and Shane is always busy. Whether it be negotiating a maze of underground services or uncovering an unexpected heritage item, the Civil Superintendent must be an expert problem solver and not shy away from a challenge.

Shane's favourite part of his job is the excitement and energy he experiences on site.

"I always enjoy getting out on site and seeing all of our plans come together," Shane said.

"There's nothing better than, after all the hard work you and your team have put in, to step back and enjoy a great final product."



Phone: 1800 084 383
Email: info@ksdupgrade.com.au
Web: www.ksdupgrade.com.au
Visit: Kingsford Smith Drive upgrade Visitor Centre
Post: GPO Box 2777, Brisbane, QLD 4001

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