



**CITY OF
PARRAMATTA**

Have Your Say

**New Foreshore Lighting
along Old King's
Parade Ground**



Exhibition of the plans and Review of Environmental Factors

The City of Parramatta is proposing to install new lighting along the existing shared pathway on the northern side of the Parramatta River foreshore, between O’Connell Street and Marsden Street in Parramatta.

The Old King’s Foreshore (Bayanami Public School) holds cultural, historical, and social significance at local, state and federal levels. The foreshore is also a popular recreation area and forms a part of a high-traffic pedestrian corridor linking key destinations, the Parramatta CBD and the Bankwest Stadium.

A risk assessment of the area undertaken by Council identified that the current lack of lighting and

visibility poses a potential public safety risk. For interim safety, three (3) temporary lighting fixtures are being relied upon to provide lighting to the shared pathway, however a more sustainable and permanent solution is required.

The proposed works include the installation of twenty (20) new LED light poles along the existing pathway adjacent to the Old King’s Parade Ground.

Project Timeline



The Design

The light pole design has been selected for its suitability across the city river corridor, working well in a range of settings. The contemporary design is appropriate to the foreshore and is sensitive to the range of significant heritage items nearby.

The pole system has the capacity to integrate other services, such as power, water and data. This reduces the visual clutter which would be created if separate services had to be installed in multiple poles.

The poles will be finished in a factory-applied bronze coloured paint to tie in with the riverside setting and to match the range of furniture selected for rollout across the river corridor as a part of the Parramatta City River Strategy.

The new light poles will provide consistent high-quality lighting of the foreshore path and the connecting link to O'Connell Street to a standard suitable for urban parklands used by both pedestrians and bike riders.

The lights incorporate energy-efficient LED luminaires (globes) and have lenses which allow for better lighting control. This allows the lighting to be precise and minimises light spill into adjoining areas. The lighting will be able to operate at a higher illumination, providing more light if needed for large stadium events held at night etc.

Selected poles will also house power outlets which can be used in event staging or maintenance operations.

Whilst CCTV will not be integrated with this rollout, the poles can easily be fitted with CCTV cameras at a later date.



Parramatta City River Strategy

Endorsed by Council in 2015, the Parramatta City River Strategy is a comprehensive plan to transform the City River Foreshore into a vibrant public space that connects to the city, celebrates the history and culture of the Parramatta River, and is resilient to flooding. The Parramatta River Strategy breaks the river corridor into a series of distinctive river quarters and the site for the proposed new lighting

is located in the River Quarter 1: King's Quarter. One of the key proposals for the King's School precinct under the strategy is to provide an accessible network of footpaths that can link the precinct to the local stadium (now Bankwest Stadium), Parramatta Park and the river edge.

You can read more about the Parramatta City River Strategy here: cityofparramatta.nsw.gov.au/council/city-river-foreshore-transformation

Artist Impression



About the Review of Environmental Factors

This planned installation of public lighting does not require development consent under part 4 of the *NSW Environmental and Planning Assessment Act, 1979*. However, the City of Parramatta is required to examine and take into account to the fullest extent possible all impacts or potential impacts of the proposal.

In order to meet that requirement, a range of technical studies and site investigations have been undertaken, and a Review of Environmental Factors (REF) has been prepared by an independent consultant.

The REF has considered archaeology, acid sulphate soils, contamination, flora and fauna,

heritage, geotechnical, traffic and access, noise and air quality, visual amenity impacts and waste management, including storage and disposal. Across these areas, potential minor impacts have been identified, along with their required safeguarding actions and mitigation measures to minimise impacts.

Overview of Impact/Risk	Overview of Safeguards & Management Measures
<p>Archaeology</p> <p>While the proposed works are generally shallow and above the culturally significant Parramatta Terrace Sand Sheet, there is a low risk of disturbing Aboriginal artefacts.</p> <p>What is the Parramatta Terrace Sand Sheet?</p> <p>The Parramatta Terrace Sand Sheet sits approx. 800mm below ground and is approx. 1m in depth. It is a highly significant cultural deposit that has the potential to contain archaeological material from two phases of Aboriginal and early European settlement and occupation.</p>	<ul style="list-style-type: none"> All excavation will be supervised by appropriately qualified personnel. In the event of archaeological finds being discovered, works will cease and relevant authorities and stakeholders consulted to determine appropriate actions under relevant legislation.
<p>Acid Sulfate Soils</p> <p>Although any earthworks associated with the proposed lighting installation works are not anticipated to exceed a depth of 650mm, the potential for disturbance of acid sulfate soils (ASS), an environmental contaminant, remains.</p> <p>What are Acid Sulfate Soils (ASS)?</p> <p>Acid sulfate soils are natural sediments that contain iron sulphides, and are common along the NSW coast. Left undisturbed, acid sulfate soils do not present any risk. But when they are disturbed or exposed to air, the iron sulfides they contain react with oxygen to create sulfuric acid. Release of this sulfuric acid from the soil can in turn release <u>iron</u>, <u>aluminium</u>, and other <u>heavy metals</u> (particularly <u>arsenic</u>) within the soil. Once mobilized in this way, the acid and metals can create a variety of adverse impacts: killing vegetation, seeping into and acidifying <u>groundwater</u> and surface water bodies, killing <u>fish</u> and other aquatic organisms, and degrading <u>concrete</u> and <u>steel</u> structures to the point of failure.</p>	<ul style="list-style-type: none"> As a precaution, all excavated material in the indicated area will be treated as ASS. Contingency planning will be undertaken for collection and treatment should leachate (contaminated water) occur. A range of site management procedures are incorporated into contract requirements to minimise potential environmental impacts and ensure appropriate disposal of contaminated materials off site.

Overview of Impact/Risk	Overview of Safeguards & Management Measures
<p>Contamination</p> <p>Due to the limited excavation required as part of the proposed works, the likelihood of encountering contaminated soils / asbestos containing materials is considered to be low.</p> <p>Notwithstanding, there is still the potential for workers to be exposed to contaminated soils during the lighting installation works and an unexpected finds protocol will be put in place should contaminated soils be encountered. Any contaminated waste will be handled by suitably licensed contractors and disposed of to an appropriately NSW Environmental Protection Authority (EPA) licenced waste receiving facility.</p>	<ul style="list-style-type: none"> • All excavated material to be removed from the site is to be stockpiled, sampled and given a waste classification prior to removal from the site. Removal will be undertaken by licensed contractors and with relevant approvals to facilities able to accept the material under law. • A procedure will be followed for unexpected finds to ensure qualified assessment is undertaken to determine appropriate actions in accordance with regulations.
<p>Flora and Fauna</p> <p>While the site is close to the highly lit (night time) environment of Bankwest Stadium, there is the potential for direct and indirect impacts of obtrusive light spill on fauna that may disrupt foraging times or roosting patterns, or the potential to disrupt the flight path of the Grey-headed flying foxes.</p>	<ul style="list-style-type: none"> • In order to minimise the potential impacts from light spill, the lighting is designed and will be installed to operate in accordance with the requirements of AS/ NZS 1158.3.1: 2005 – Lighting for Roads and Public Spaces.
<p>Heritage</p> <p>The proposed new lighting is within the setting for thwState-Heritage listed Marsden Rehabilitation Centre and King's School Group (former) sites and other nearby significant properties.</p> <p>Setbacks and topographies are to a great degree maintained, and the impact of minor excavation and trenching works is considered negligible and appropriate.</p>	<ul style="list-style-type: none"> • An application for an exemption notification under Section 57(2) of the <i>Heritage Act, 1977</i> is to be made to the NSW Heritage Council to undertake the works. • All works avoid direct contact with identified heritage items within the project area and temporary bunting is to be erected surrounding identified heritage items including the incinerator to mitigate any risk of inadvertent damage.
<p>Traffic and access</p> <p>Temporary traffic impacts may occur during the work program when traffic or pedestrians movements may need to be temporarily disrupted to allow for construction vehicles and/or equipment to access or leave the work sites.</p>	<ul style="list-style-type: none"> • Where required, appropriate traffic and pedestrian management measures in Marsden Street and/or O'Connell Street, will be implemented and maintained throughout the works period.

Overview of Impact/Risk	Overview of Safeguards & Management Measures
<p>Noise & Vibration</p> <p>While the distance from the site to the nearest potentially affected receiver means they are unlikely to be adversely affected by the works, there will be some noise impacts, mainly the noise generated by motorised earthmoving/ construction equipment.</p>	<ul style="list-style-type: none"> • Work will be undertaken in standard working hours (Monday to Saturday, 7am to 5pm) and where possible, noisy work shall be undertaken during less sensitive periods and minimised. • Work will be undertaken with appropriate, well-maintained equipment, the construction noise levels shall not reach or exceed the exposure levels, including peak exposure (140dB[C]) and daily average (85dB[A]) as detailed in Clause 49 of the Occupational health and Safety (OH&S) Regulation 2001.
<p>Air Quality</p> <p>Air quality impacts expected during the works period will be created through air borne dust, as well as fumes and odours from machinery and tools etc. However, the likely cumulative impact is considered to be negligible.</p>	<ul style="list-style-type: none"> • The Contractor is required to monitor and manage dust / air quality during the works, such as ceasing dust generating activities during high winds, and covering stockpiles and excavations. Equipment is to be maintained in good order, and switched off when not in use.
<p>Visual Amenity</p> <p>The likely short-term visual impacts of these works are minimal and will only exist while works are being completed. The works are effectively contained to the shared pathway and are not readily visible from surrounding public and private areas.</p> <p>The long-term change to this visual environment will be the improved appearance of the pathway.</p>	<ul style="list-style-type: none"> • All parts of the work areas are to be kept clean and tidy at all times.
<p>Waste Minimisation and Management</p> <p>The new lighting works are not expected to produce a substantial amount of waste, but all waste that is generated will need to be collected, stored and then disposed of appropriately.</p>	<ul style="list-style-type: none"> • A Waste Management Plan will be prepared to detail the procedures for waste minimisation and management, including the likely waste generation, method of on-site collection and storage and details of the intended method of recycling or disposal.
<p>Community enquiries and complaints</p> <p>Members of the community may wish to make enquiries or complaints in relation to the works.</p>	<ul style="list-style-type: none"> • A nominated 'Community Liaison Officer' will be contactable and available to respond to enquiries and address complaints or other issues during the works period. • Council's Customer Contact Centre will also be briefed and be able to direct enquiries appropriately.

Taking into account both the potential impacts and the mitigations, the REF concludes that the environmental impact of the proposal is not likely to be significant. It is also considered that the proposed new lighting will create a positive impact and benefit the community by improving public safety and amenity for users of the shared pathway.

To read the entire REF [click here](#).

Have your say

The Review of Environment Factors for the new lighting along Old King's Foreshore project is on exhibition until Monday 24 August 2020 at 4.00PM.

Learn more and have your say at City of Parramatta's dedicated community engagement platform Participate Parramatta on:
participate.cityofparramatta.nsw.gov.au/oldkingsforeshore

Due to the circumstances presented by the COVID-19 pandemic we are unable to hold face-to-face information sessions.

If you have any questions relating to the Old King's Foreshore Lighting Project or the REF, please email the project team via participate@cityofparramatta.nsw.gov.au or call **1300 617 058**.





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