LYSAGHT PARK PATHWAY LIGHTING FACT SHEET

While our current focus is on public health and safety, we at the City of Canada Bay are continuing to plan and deliver for our community.

The City of Canada Bay is committed to enhancing foreshore access and promoting active lifestyles through infrastructure upgrades.

On 9 October 2018, Council resolved to consider low level lighting along the Lysaght Park foreshore pathway to enhance evening usage and promote community safety, health and wellbeing.

Council engaged a qualified electrical engineer to consider two lighting design options:

- Option one — pole lighting
- Option two — bollard lighting.

This fact sheet presents the two lighting design scenarios for community consideration.

Project timeline

☑	**2014**	Shared cycle/pedestrian pathway installed at Lysaght Park
☑	**April 2015**	Chiswick Place Plan adopted by Council
☑	**October 2018**	Resolved at the Council Meeting to consider pathway lighting at Lysaght Park
☑	**2019–2020**	Lysaght Park pathway lighting design options investigated
🕒	**18 September – 9 October 2020**	Community consultation on pathway lighting design options
🚧	**Late 2020/Early 2021**	Installation of pathway lighting

Project background

In community consultation during the development of the Community Safety and Crime Prevention Plan 2014–2018, 78 per cent of people identified community safety as relating to safety conditions of roads and footpaths.

In 2014, the shared cycle/pedestrian pathway was installed on the eastern side of Lysaght Park. Through community engagement in developing the Chiswick Place Plan 2014–2019, the community also placed high value of foreshore pathways and stated more adequate lighting was required.

In 2018, community consultation for sports field lighting installation at Lysaght Park was undertaken in which community members suggested the installation of pathway lighting would increase pedestrian and cyclist safety.

In 2019, community engagement undertaken in developing the Social Infrastructure (Open Space) Strategy and the Foreshore Access Strategy, the community reiterated the importance of fair access to foreshore and supporting cycling/pedestrian links.

Investigation of lighting design options

Project objective: to provide a safer environment for evening use by all Lysaght park users including pedestrians, dog walkers, ferry commuters, cyclists and scooters.

Design criteria	Option one — pole lighting	Option two — bollard lighting
Compliance		
Category PP3 (pedestrian lighting) of AS / NZ 1158.3.1: 2020 Lighting for Roads and Public Spaces	✓ Fully compliant.	✗ Not compliant due to limited rear illumination.
Safety, access and cost		
Utilisation of Crime Prevention Through Environmental Design (CPTED) principles	✓ Illuminates people's faces and provides face recognition.	✗ Does not illuminate people's faces, which may impair face recognition.
Minimising risk of collision hazard	✓ Positioned at 0.5 metre set back from the pathway — lower risk of collision hazard.	✗ Positioned on or at the edge of the pathway — presents potential collision hazard for cyclists, scooters and visually impaired people.
Scale of construction, operation and maintenance cost	✓ Most cost efficient. 14 poles spaced 20 metres apart, less lighting infrastructure. Vandal resistant.	✗ Higher cost. 27 bollards spaced 10 metres apart, increased lighting infrastructure. Vulnerable to vandalism.
Aesthetic and environment		
Minimising visual obstruction	✗ Taller profile.	✓ Lower profile.
Minimising impacts on the foreshore ecology	✓ Lighting controls can align with ecological lifecycles to minimise lighting impact.	✗ Cannot be adjusted to suit breeding cycles and lunar phasing.

Operation of the pathway lighting

How will the lighting be controlled and at what time will it be switched off?

Option one — pole lighting: pathway lighting pre-programmed to turn on automatically and set to Australian Standard lighting level seven days a week until 9:30pm. From 9.30pm–12:30am, the pathway lights will be dimmed to a lower Australian Standard lighting level to support night time users, including ferry commuters. After 12:30 am the lights will be turned off. Motion activated lighting can be considered in the future.

Option two — bollard lighting: pathway lighting pre-programmed to turn on automatically and set at a fixed level seven days per week until 12:30am. After 12:30 am the lights will be turned off. Future motion activated lighting capability is not available with this option.

Will the lights be energy efficient?

In line with Council's commitment to environmental sustainability, energy efficient LED luminaires with low level blue light will be installed.

Community submissions

The community is encouraged to provide their feedback from **18 September – 9 October 2020**, via:

Online: collaborate.canadabay.nsw.gov.au
Email: openspace@canadabay.nsw.gov.au
Post: City Services and Assets, City of Canada Bay Council, Locked Bay 1470, Drummoyne NSW 2047