

CITY OF CANADA BAY PROPOSED PLAYING FIELDS LIGHTING INSTALLATION



The City of Canada Bay is committed to providing quality facilities that encourage our community to participate in an active, social and healthy lifestyle. We are thrilled to collaborate with you on these proposed project.

The City of Canada Bay is very fortunate to have a highly active community and facilities to enable sports participation. As our population continues to grow so do the many children and adults who wish to participate in local sporting clubs. In fact, we already cannot meet existing demand for participation in football.

Our community enjoys a rich recreational lifestyle with over 130 open spaces including 72 parks and reserves, comprising of 303.4 hectares (15.3%) of the total local government area. Only 21 of these 72 parks and reserves are active reserves for field sports. Of these 21 active reserves, 17 already have lighting installed and are already at over capacity for weeknight training.

Therefore to meet the growing demand for sports participation, we need to consider installing lighting poles at Council's other existing playing fields.

There are limited opportunities for new open space areas to be created and as a result we need to investigate opportunities to better manage our current fields. A major challenge for our local clubs is accessing fields for weeknight training. City of Canada Bay's Local Planning Strategy (2010) and Recreation and Facilities Strategy (2013) both identified the increasing demand for outdoor sports field space due to current and forecasted population growth. This is consistent with SSROC's Review of Sporting Fields Management in the Southern Sydney Region (2008).

Based on recommendations of the City of Canada Bay Recreation and Facilities Strategy and an internal review of supply and demand, Council recommends the installation of park lighting at

three existing sport fields to assist in meeting this current demand of our community. Therefore, we are engaging with the community to consider the installation of park lighting at:

- Rothwell Park, Concord
- Jessie Stewart Reserve, Concord
- Five Dock Park, Five Dock (upgrade of existing lighting)

The installation of park lights is not intended to impact the community, but provide health and wellbeing benefits for all our community members.

The installation of the lighting complies with Australian Standards governing sports field lighting.

In summary, what is being proposed?

To enable more participation in team sports by our local community, the City of Canada Bay needs to better manage current facilities including the ability to increase the opportunity for weeknight training.

It is proposed to install the following lights in the parks set out below.

Jessie Stewart Reserve

Installation of four new 18.0m high outdoor light poles positioned at the four corners of the reserve.

Rothwell Park

- Installation of four (4) new outdoor floodlighting poles approximately 18.0m – 22.0m in height to the perimeter of the Rothwell Park oval to the north eastern, north western, south eastern and south western corners of the site, with an additional fifth pole located to the eastern boundary;
- Proposed poles to the eastern boundary of the oval (3) are to be approximately 18.0m in height; and
- Proposed poles to the western boundary of the oval (2) are to be approximately 22.0m in height.

Five Dock Park

- Replacement of the two existing lighting systems situated on existing lighting poles (poles to remain) to the north western and south western corners of Five Dock Park.
- Installation of the two new lighting poles to a height of 18.0m to the north eastern and south eastern corners of Five Dock Park.

The size of the poles are consistent with existing light poles at other recreation facilities, including Greenlees Park and Edwards Park.

Essentially, the higher the pole, the more it throws light towards the centre of the oval reducing light spillage on the perimeter of the park.

What are the relevant Australian Standards and their requirements?

Key Australian Standards

- AS 2560.1 – 2002 Sports lighting Part 1: General Principles
- AS 2560.2.3 – 2007 Specific Applications – Lighting for football (all codes)
- AS 4282 – 1997 Control of the obtrusive effects of outdoor lighting

What are the requirements lighting requirements for football (all codes) training and matches?

Our local football clubs need to have playing fields which enable players of all ages to train safely and effectively at night, or even late afternoon in winter.

The above-mentioned standards contain information about pole height and location, maintained horizontal luminance (lux), minimum horizontal uniformities and maximum glare rating. These properties vary depending on whether the level of play is recreational, amateur or semi – professional.

In summary, the required luminance for training is between 50-100lux and for night matches, including make-up games, is 200lux.

Set out below is the proposed maintained luminance for each of the parks:

- Five Dock Park – 100lux
- Jessie Stewart Reserve – 100lux
- Rothwell Park – 100lux

What days and times are the proposed lights to be turned on?

It is proposed to limit weeknight training to Tuesdays, Wednesdays and Thursdays 5pm – 9.15pm. Approval will be sought to enable the lights to be on also on Mondays and Fridays.

How will the lighting be controlled to prevent it staying on?

There are three options available to manage the operation of the lights:

- Automated by timer
- Manual – user control
- Failsafe override timer to auto switch lights off at a pre-determined time if not switched off manually.

Will the lights be energy efficient?

For Council's commitment to environmental sustainability, it has been recognised through an array of awards.

In regards to sporting fields lighting, Council is currently trialling low maintenance and energy efficient LED sports ground lighting at St Luke's Oval No.1.

Consideration will be given to the energy and maintenance costs over the life of the installation (not just the initial capital outlay) and budget accordingly.

What is the current and forecasted demand for our community in regards to sports field access?

Many previous studies, including the City of Canada Bay Local Planning Strategy (2010) and City of Canada Bay Recreation and Facilities Strategy (2008) have established the need for either more sporting facilities or better utilisation of existing ones.

Our current data indicates that during the winter season our sport fields are unable to meet community needs, particularly in relation to weeknight training.

Since 2011, our local sporting groups utilising Rothwell Park, Jessie Stewart Reserve and Five Dock Park have experienced significant growth in local player registrations:

- Five Dock RSL Junior Rugby League Football Club – annualised increase of 21% per year
- Drummoyne Power – annualised increase of 14% per year
- Briars Junior Cricket – annualised increase of 35% per year
- Briars Senior Cricket – annualised increase of 10% per year
- Briars Junior Rugby – from 0 to 70 players since 2011
- Briars Senior Rugby – annualised increase of 13% per year

Just between these six local clubs there has been a real increase of 679 players over the past five years.

However, with the local population to continue to grow and pegged against State trends in sport participations, at a minimum there will be a need to accommodate an additional 600+ children and 700+ adults across the sporting codes currently utilising Rothwell Park, Jessie Stewart Reserve and Five Dock Park. This is in trend with the past five year's growth.

Are there real community benefits installing lights in these three parks?

The provision of sports lighting at these three parks will provide tangible benefits to the local community and our local sporting groups, enabling an increase in team sport participation which promotes positive mental and physical health benefits for our community.

Furthermore, as required under the Local Government Act (1993), the proposal will contribute to the enhanced management and utilisation of these key public assets.

Why has the City of Canada Bay selected Rothwell Park, Jessie Stewart Reserve and Five Dock Park as the preferred locations for installing light poles?

All other sporting fields within the City of Canada Bay are already at over capacity for usage in the winter season. These three parks are already used by six local sporting clubs and two local schools but the full usage is restricted due to the lack of lighting to enable weeknight training.

Below is an extract from the City of Canada Bay's Local Planning Strategy (2010) which illustrates the demand on sporting fields in the recent past.

		Average hours per week per ground		
		Canada Bay	SSROC ¹	SSROC NW SubRegion ²
Winter	Average Ground Capacity	24	27	27
	Average Ground Use	29	37	31
	Highest Ground Use	41	78	56

1. Southern Sydney Regional Organisation of Councils (SSROC) includes Bayside (formerly Botany and Rockdale), Burwood, Canterbury-Bankstown (formerly separated), City of Canada Bay, City of Sydney, Georges River (formerly Hurstville and Kogarah), Inner West (formerly Leichhardt,

Ashfield and Marrickville), Randwick City, Sutherland Shire, Waverley and Woollahra Municipal Councils
2. Burwood, Canada Bay, Canterbury (now Canterbury – Bankstown), Inner West (formerly Leichhardt, Ashfield and Marrickville) Councils

When is the City of Canada Bay proposing to install the lights and how is this funded?

The installation of the proposed lights at any or all of the three parks will be subject to broad community support received during the consultation period of 24 March – 13 April 2017.

If the proposals are supported by the community, it is anticipated that the works at Rothwell Park will be completed by December 2017. These works are budgeted in the City of Canada Bay's 2016/2017 Capital Expenditure Budget.

The proposed upgrades for Jessie Stewart Reserve and Five Dock Park are subject to Council approving these items as part of the City of Canada Bay's 2017/2018 Capital Expenditure Budget.

The proposed works are funded through S94 developer contributions.

How long will the construction period be and will I still have access to the Parks?

The construction period for each proposed upgrade is anticipated to take between four to six weeks between 7am – 5pm Monday to Saturday. With the exception of the proposed works areas, public access to all areas of the parks will remain the same.

Related Fact Sheets

- Five Dock Park Proposed Lighting Upgrade Factsheet
- Jessie Stewart Reserve Proposed Lighting Upgrade Factsheet
- Rothwell Park Proposed Lighting Upgrade Factsheet

Related Plans and Strategies

- City of Canada Bay 2016-2017 Operating Plan
- City of Canada Bay Recreation and Facilities Strategy (2013)
- City of Canada Bay Community Facilities Resourcing Strategy (2011)
- City of Canada Bay Local Planning Strategy (2010)
- SSROC's Review of Sporting Fields Management in the Southern Sydney Region (2008).

Consultation Opportunities

We invite you to actively provide your feedback on this proposal from 24 March 2017 to 13 April 2017.

View all relevant documentation and have your say online 24/7

<https://canadabay.engagementhub.com.au>

Community Listening Posts

The purpose of the listening posts is to provide relevant information and answer the questions who may have. To effectively plan and cater for these events, please either rsvp via <https://canadabay.engagementhub.com.au> (registration required) or email parksupgrade@canadabay.nsw.gov.au.

Listening post dates and venues:

- Wed, 29 March 6.30-8pm: Concord Library
- Sat, 1 April 11am-1pm: Rothwell Park
- Sat, 1 April 2.30-4.30pm: Five Dock Park
- Sun, 2 April 11am-1pm: Jessie Stewart Reserve
- Wed, 5 April 6.30-8pm: Five Dock Library
- Thurs, 12 April 6.30-8pm: Concord Library

By Post

Attention: Technical Services and Operations
City of Canada Bay Council
Locked Bag 1470, Drummoyne NSW 1470

By Email

parksupgrade@canadabay.nsw.gov.au

Council's Website

<http://canadabay.nsw.gov.au>