SIN NUMBER: 4
DATE: 28 March 2018
PRECINCT: All CCZ precincts
FRAMEWORK REFERENCE: Figure 17, page 57
SUBJECT: Linear Park provision
NOTE:
REQUEST: What is the intended role/function of Linear Parks?
Is the 12 metre width is considered enough in this environment?

RESPONSE:

What is the intended role/function of Linear Parks?

1. Located on the southern side of thoroughfares, where possible, linear parks will have a multifunctional role, providing places for all types of activity including active pursuits, relaxation, community events, incidental recreation, playgrounds and dog off-leash areas.

2. Linear parks will be the organising structure within Fishermans Bend, providing linkages between existing and future public open spaces and precints. They will be designed to make active transport and healthy activities accessible and easy, located beside recreation loops for walking, cycle and running to encourage residents and workers to walk, run and cycle.

3. Sections of linear parks will provide spaces for unprogrammed active sports for ball sports, including hit up walls and half courts.

4. Linear parks will also narrow existing roads to allow pedestrians to cross roads with ease.

5. Linear Parks will be designed to improve water sensitive urban design outcomes, in addition to rain gardens and swales. In major rainfall events they will convey stormwater and provide a small to medium amount of detention.

6. Linear parks as green infrastructure will deliver structural diversity of ground cover, mid-storey cover and large canopy tree providing habitat and corridors for wildlife between larger open spaces. These plantings and tree canopies,
along with the reduction in impervious surfaces will minimise the urban heat island effect cooling the urban environment in Fishermans Bend.

Is the 12 metre width is considered enough in this environment?

7. The minimum width of 12 metres for linear parks was developed by the Fishermans Bend Taskforce in consultation with City of Melbourne, City of Port Phillip, Sport and Recreation Victoria and Parks Victoria.

8. The minimum width of 12 metres is in addition to footpaths, cycling and traffic lanes, providing urban greening, and small break out spaces for the afore-mentioned functions including and passive recreation.

9. Through effective design and screening through structures and vegetation more intimate spaces will be provided. A width to length proportion is often used to ensure the effectiveness of linear open space. A minimum width of 12 metres enables a variety of activities to be undertaken within linear open space.

10. The approach of Sport and Recreation Victoria is to ensure that active public open spaces are flexible and multi-functional, wherever possible. Linear parks will provide additional area for active pursuits such as basketball and other court sports, running and incidental activities.

11. Ecological connectivity and habitat along a minimum 12 metre width will be further strengthened beyond normal street tree plantings creating green linkages between larger green spaces.

12. Linear parks in activity centres, such as Buckhurst Street will provide up to a 16-metre wide civic/plaza character with more hard surfacing and multifunctional uses, to embrace social interaction and connectedness across the community and providing safe routes to schools.

ATTACHMENTS: Nil
Recreation loops along Linear Park Network – Fishermans Bend
Street Section incorporating a Linear Park, dual lane road, cycle and pedestrian links (p. 70)
Linear Park Examples

Southbank Boulevard, Southbank – commencing construction July 2018 (Source: City of Melbourne)

- Use of boardwalk paths to allow for both deep planting and established tree canopies whilst also providing sufficient space for pedestrians and/or cyclists
- Boardwalk design concept could also be applied to other streets within the proposed hierarchy
Surat Linear Park, India (Source: surties.com)
Location and source unknown
This six-kilometer linear park spanning a sunken motorway connects Madrid's city center and adjacent neighborhoods to the newly rehabilitated Manzanares River. After eight years of delays, dust, noise and traffic jams, residents are finally enjoying unique public spaces and sport facilities.
Las Ramblas, Barcelona, Spain (source: unknown)

WSUD (source and location unknown)
Although not at grade the width, functions or uses along the park could be replicated in a high density environment in Fishermans Bend.
Recoleta, Buones Aires, Argentina (Source: T. Berry)
Gyeongui Line Forest Park, Seoul, South Korea (Source: skyscrapercity.com)
The Underline, Miami, Florida, USA (Source: https://www.theunderline.org/)
Victoria Street, Linear Park, Auckland (Source: www.greatauckland.org.nz/)

A substantial change in corridor function and space allocation away from a vehicle dominated through route to an emphasis on pedestrian-oriented public realm. It ensures that pedestrians are truly at the top of the multi-modal network approach to city centre transport planning.
A shared pedestrian and cycle path, and green public space, connecting Ultimo with Darling Harbour. It’s surrounded by some of Sydney’s most important cultural, educational and media institutions. The line provides a traffic-free, accessible thoroughfare from Central Station to Darling Harbour. It connects more than 80,000 tertiary students, locals and visitors to the many major attractions of Sydney’s much-loved Darling Harbour. From Central, follow the signs for the South Concourse and UTS through the Devonshire Street tunnel, beneath George Street and continue to Ultimo Road.
Victoria Park, Zetland, NSW (source: Google Street view)
Howe Parade, Port Melbourne – Linear Park in low density area
City of Port Phillip Linear Parks – Residential (low to medium density)

LINEAR PARK

PROPOSED OPEN SPACE: M09 - BUCKHURST STREET WEST

EXISTING OPEN SPACE: DANKS STREET MEDIANS, ALBERT PARK

HIERARCHY:
- Linear park

REQUIREMENTS / FUNCTION:
- Green/hard landscaped areas with play spaces
- Improve pedestrian connections, provide safe routes to schools
- Community gardens and edible landscaping (e.g. Burnley Backyard, Pop Up Patch Federation Square)

OPPORTUNITIES / VISION:
- Vibrant green spine running through Buckhurst Street, and the decked ‘highline’ park, connecting community facilities, activity centres and residents.
- Surrounded by creative industries.

CONSTRAINTS:
- Overshadowing controls N/A

HIERARCHY:
- Linear park

REQUIREMENTS / FUNCTION:
- Playspace
- Seating
- Open space
- Planting

USAGE:
- 2010 survey identified that 1.5% of playspace users and residents favoured this playspace within the City of Port Phillip.

OPPORTUNITIES:
- Playspace is fenced given proximity to road (either side of park is single lane with on-street parking).

CONSTRAINTS:
- Play Space Strategy 2011 identified the need to provide better pedestrian access

Montague Precinct
LINEAR PARK

PROPOSED OPEN SPACE:
BOUNDARY STREET LINEAR PARK

EXISTING OPEN SPACE:
TODD ROAD NATURESTRIPS, PORT MELBOURNE

HIERARCHY:
• Linear park

REQUIREMENTS / FUNCTION:

OPPORTUNITIES / VISION:
• Enhance Boundary Street as linear link and key north south pedestrian and cycling route, Links to Montague in the south and Port Melbourne rail reserve.

HIERARCHY:
• Linear park

REQUIREMENTS / FUNCTION:
• Pedestrian and cycling route from the Sandridge Foreshore
• Public transport stops
• Private naturestrips
• Planting

Sandridge Precinct
LINEAR PARK
PROPOSED OPEN SPACE:
W18A - WOOLBOARD ROAD LINEAR PARK EAST

EXISTING OPEN SPACE:
BEACON COVE LINEAR LIGHT RAIL, PORT MELBOURNE

HIERARCHY:
- Linear park

REQUIREMENTS / FUNCTION:
- Green spine
- Mix of passive and active uses (e.g. playground, spaces to road)

OPPORTUNITIES / VISION:
- Development fronting Woolboard Road will overlook the new east-west green link, heavily landscaped to provide a green outlook and visual buffer to the transmission lines.

HIERARCHY:
- Linear park

REQUIREMENTS / FUNCTION:
- Open space
- Key pedestrian and cyclist path and connections to Light Rail
- Linear connection to Centenary Reserve

CONSTRAINTS:
- Lack of lighting has previously created safety issues due to high volume of pedestrian and cyclist users, and time of usage.
- Linear park abuts back of residential dwellings, reducing passive surveillance and visibility.
- Width of park does not provide much space for additional uses

Wirraway Precinct
Fishermans Bend Taskforce Linear Park Cross Sections

30.0M Road Reserve Cross Section

30.0M Road Reserve inclusive of Linear Park
CULTURE

22.0M Road Reserve plus Linear Park

1.0m 2.0m