

WCX Stage 2 New M5 - Planning Condition B62D - M5 Linear Park Enhancement



for



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1.0 Project Background

The M5 Linear Park was established as a result of construction of the M5 East Motorway in 1998 to 2001. WestConnex Stage 2, also referred to as the New M5, is currently being constructed. The M5 Linear Park is being altered and realigned as a result of two key projects:

- Upgrade of the King Georges Road interchange between the M5 West Motorway and the M5 East Motorway at Beverly Hills (now completed).
- Duplication of the M5 East Motorway from King Georges Road Interchange Upgrade at Beverly Hills with twin motorway tunnels from Kingsgrove to a new interchange at St Peters, to be completed by 2020.

Changes to the motorway corridor have resulted in additions and reductions in open space in the M5 Linear Park.

1.1 Ministers Condition of Approval

A range of planning conditions apply to the New M5. WestConnex Planning Condition B62D requires Roads and Maritime Services (RMS) to prepare an M5 Linear Park Enhancement Sub-plan, as follows:

A M5 Linear Park Enhancement Sub-plan, for open space bordered by Bexley Road, Bexley, King Georges Road, Beverley Hills, adjoining the M5 Motorway, to connect and enhance the parkland and to offset amenity and open space impacts. The Plan must be prepared and implemented in consultation with relevant Councils, the community and the UDRP and must identify (and consider), but not be limited to –

- (i) identification of park users and their needs,
- (ii) amenity of communities adjoining the park,
- (iii) outcomes of consultation and how issues raised have been considered,
- (iv) measures to enhance active uses and the recreational value of the park (including consideration of active or recreational and fitness facilities), and
- (v) measures to activate and enhance the surveillance of the Kindilan Underpass (including consideration of sight lines, splayed entrances, lighting, public art, and recreational facilities).
- (vi) *Notwithstanding the above, the Kindilan underpass must include CCTV surveillance that meets the requirements of NSW Police and the relevant council.*

1.2 Summary Table of Compliance

B62d conditions	Requirement	Report reference
Condition (i)	Identification of parks users and their needs	Clauses 3.0 to 3.2
Condition (ii)	Amenity of communities adjoining the park	Clauses 4.0 to 4.3
Condition (iii)	outcomes of consultation and how issues raised have been considered	Clause 5.1
Condition (iv)	measures to enhance active uses and the recreational value of the park (including consideration of active recreational and fitness facilities), and	Clauses 6.0 to 6.7 and 7.0 to 7.5
Condition (v)	measures to activate and enhance the surveillance of the Kindilan Underpass (including consideration of sight lines, splayed entrances, lighting, public art, and recreational facilities).	Clauses 8.0 to 8.1
Condition (vi)	Notwithstanding the above, the Kindilan underpass must include CCTV surveillance that meets the requirements of NSW Police and the relevant council.	Clauses 8.0

1.3 Purpose of Report

- Provide the analysis, consultation and strategy for fulfilling the conditions set out in B62d
- Engage with local Councils, and with user and community groups, to identify local recreation needs.
- Review the objectives and outcomes of local government recreational policy and planning.
- identify existing recreational facilities in and around the M5 Linear Park.
- Identify recreational enhancements to the park for implementation as part of the New M5.

1.4 M5 Linear Park - Project Area and Scope

The project area consists of a shared path following the alignment of the M5 with a variety of open space treatments both north and south of the M5 between Bexley Road, Bexley North and King Georges Road, Beverly Hills. The open spaces that flank the shared path vary from narrow spaces between noise walls and the residential boundary to medium sized spaces at the end of underpasses to small parks including Forrester Reserve, Kingsgrove Avenue Reserve and Kingsbury Reserve. Some of the spaces have been created through changes to the motorway corridor resulting in changes to the alignment and surrounding open space of the M5 Linear Park through new interventions such as noise attenuating mounds, stormwater detention basins and some spaces have been resumed for operational requirements for the motorway.

These changes are as follows:

- King Georges Road to Cooloongatta Bridge (south side)- narrowing of open space and realignment of the path
- Cooks River Eucalypt woodland south of Canterbury Golf Course- resumed for road widening
- Beverley Grove Park (north side)- reduction of parkland and relocation of noise attenuation mounds
- Beverley Grove Park (south side)- open space resumed for M5 tunnel operations.
- Garema Circuit - removal of buildings and installation of new dry swale/bio-filtration basin.
- Kingsbury Reserve - new stormwater detention basin to serve streets and residential areas to the north.
- Bexley Road intersection (north)- this area was previously not available for public use and will be transferred to Council for public recreation.
- Bexley Road intersection (south)- parkland resumed for M5 operations

1.5 Preparation of Sub-plan

The preparation of the M5 Linear Park Enhancement Sub-plan included the following stages:

1. Inception meeting with RMS;
2. Review of background information;
3. Site inspections of the existing M5 Linear Park;
4. Consultation with Councils and User Groups to identify known gaps and preferences (detailed in section 3);
5. Review of existing planning and other publically available documentation to support the identified gaps and opportunities (detailed in Section 4);
6. Summarise the identified gaps and opportunities into a consolidated list (detailed in Section 5);
7. Review of the available spaces within and adjacent to the M5 Linear Park to match the opportunities to the space available (detailed in Section 6);
8. Develop concept design layout plans for fitness circuit and location of recreation facilities (draft version of the final plans detailed in Section 7);

9. Presentation to Urban Design Review Panel;
10. Draft version of sub-plan made available to the public during the New M5 – Urban Design and Landscaping Plan – public consultation period, including two drop in sessions;
11. Final consultation with councils to review the Concept Design Layout Plans; and
12. Finalisation of Concept Design Layout plans incorporating councils comments and suggestions (detailed in Section 7).
13. Detailed Design (detailed in Section 10)

Refer Appendix 2 Consultation Summary for additional details of the consultation process and the documents made available to stakeholders at each stage of the process.

1.6 Implementation of Plan

2020 prior to opening of new M5.

1.7 Phillips Marler and Parkland Planners Suitability/Expertise

Phillips Marler has joined with Parkland Planners to deliver the M5 Linear Park Enhancement Sub-plan.

Phillips Marler have provided Head Consultancy services for State and Local government for over twenty years and have developed a range of collaborative processes with clients to achieve the best project outcomes.

Phillips Marler are registered as Urban Designer with Roads and Maritime Services and are listed with other state and local government entities, for example City of Sydney - Preferred Consultants list - Major Projects and Randwick and Waverley Council and is listed with the Government Architects Design Excellence Scheme - Landscape Architecture and Architecture.

Phillips Marler has an established reputation for master planning, having worked on a large range of Concept and Masterplans with detailed design of thoughtful, practical interventions into complex sites such as the M5 Linear Park and providing well written, clear documents supported by high quality graphic materials such as plans and montages.

Sandy Hoy from Parkland Planners is a Community Consultation and Recreational Planning Specialist with extensive consultation experience and is a member of Parks and Leisure Australia, the Planning Institute of Australia and of the International Association of Public Participation (Australasia).

Phillips Marler and Sandy Hoy have a long track record of working together on projects with recreational planning and community consultation as key factors including sporting complexes and shared path links such as Johnstons Canal Shared Path Link.

Location Plan M5 Linear Park



 M5 Linear Park corridor



2.1 Planning Context

NATIONAL	PIA Megatrends Shaping our Future 2016 Smart Cities Plan 2016	The Future of Sport in Australia 2009 Australian Sport: The Pathway to Success 2010	The Future of Australian Sport: Megatrends shaping the sports sector over coming decades	Play.Sport.Australia 2015 Market Segmentation for Sports Participation	National physical activity participation data (ERASS, ABS, Ausplay)	National peak sporting bodies' strategic plans
NSW	Legislation Local Government Act 1993 Crown Lands Act 1989 Environmental Planning and Assessment Act 1979	NSW 2021	Strategic Planning for sport in NSW Parliamentary Inquiry into Sportsground Management in NSW 2007 Game Plan 2012: NSW Sport and Recreation Industry Plan		Open space planning guidelines Recreation and Open Space Planning Guidelines for Local Government 2010	
	NSW Office for Sport Future Needs for Sport Infrastructure in NSW Sector Review and Strategy for specific sports		Peak sport strategic facility plans	ABS Data	Participation data State physical activity participation data	Facility grants programs
SYDNEY	A Plan for Growing Sydney 2014 Towards Our Greater Sydney 2056		Sydney Green Grid			
REGIONAL	Draft South District Plan		Westconnex New M5 Westconnex New M5 Environmental Impact Statement Westconnex Urban Design Report 2015			
LOCAL	<i>Canterbury-Bankstown Council</i>		<i>Georges River Council</i>	<i>Bayside Council</i>		
Corporate	Canterbury Community Strategic Plan 2014-2023		Hurstville Community Strategic Plan 2025	Rockdale City Plan 2013-2025		
Strategic	Land use					
	Canterbury Local Environmental Plan 2012		Hurstville Local Environmental Plan 2012	Rockdale Local Environmental Plan 2011		
	Open Space and Recreation					
	Canterbury Open Space Strategy (draft) Canterbury Bike Plan 2016 Canterbury Open Space Needs Review 2015 Canterbury Playground and Play Spaces Strategy 2014 Canterbury Strategic Recreation Plan Review and Audit 2013 Canterbury Strategic Recreation Plan 2010		Hurstville Open Space, Recreation, Community Facilities and Libraries Strategy 2010		Rockdale Cycling Strategy (in prep) Rockdale Open Space and Recreation Needs Analysis 2015	
	Developer contributions plans					
	Canterbury Development Contributions Plan 2013		Hurstville Section 94 Development Contributions Plan 2012	Rockdale Section 94 Contributions Plan 2004		
Plans	Asset management plans					
	Plans of Management					
	Generic Plan of Management for Parks 1995 Generic Plan of Management for Playgrounds Generic Plan of Management for Undeveloped Community Land Reserved for Future Major Road Construction Associated with M5 Tollway 1995 Plan of Management for Various parcels of Community Land 1996		Generic Plans of Management: Parks 2007 General Community Use Areas 2007		Plan of Management for Community Land and Public Open Space 2016	
	Landscape Masterplans					
Implementation	Kingsbury Reserve					
	Current capital works plans/projects					
	Kingsbury Reserve rain garden					

2.2 Key points regarding open space and recreation opportunities relevant to the M5 Linear Park in regional planning documents are:

The Draft South District Plan states that *“Design-led planning of the public realm – footpaths, squares, open spaces, parks and nature strips – should result in places and streets that are safe and functional that can support people to walk or cycle rather than drive. Walkable, well-lit places and paths can provide a sense of safety for women, young children and older people, all of whom are often the first to sense that a neighbourhood is not safe – especially after dark.”*

Delivering the Sydney Green Grid is intended to promote a healthier urban environment, improve community access to recreation and exercise, encourage social interaction, and support walking and cycling connections.

The Green Grid is an opportunity to increase access to open space, improve access to sport and recreation activity and to enhance green space.

The M5 Motorway and East Hills Rail Line Open Space Corridor is in the top 10 key project opportunities of the Sydney Green Grid: South Subregion.

2.3 Local demographic Data

A review of the latest ABS data indicates the following key demographics, relevant to the supply of recreational facilities, for the Bexley and Kingsgrove precincts which include the M5 Linear Park:

- A reasonably even distribution across all age groups;
- Approximately 33% aged less than 29 years old, and 20% under 19;
- Approximately 25% aged more than 60 years old
- Approximately 30% not in labour force, such as children or retirees; and
- A high proportion 25% drive to work with only around 1% walking or cycling to work.

This data would indicate a high proportion of residents with time available and an interest in using improved recreational facilities. The relatively high proportion of older residents is also noted and any fitness facilities should also cater to older residents needs and not just children or younger adults.

2.4 Land Ownership

Land in the M5 Linear Park is owned by Roads and Maritime Services, Department of Planning and Environment, or is either owned or managed by Canterbury-Bankstown, Georges River or Bayside Councils.

Adjoining land uses include low and medium density residential and light industrial at Kingsgrove.

2.5 Land use Zoning

Permissible land uses in the RE1 Public Recreation zone which applies to the open space in the M5 Linear Park vary between the former Canterbury, Hurstville and Rockdale Councils. However, relevant land uses in the RE1 zone permissible with consent in the LEPs of all three Councils include Recreation areas and Recreation facilities (outdoor). Signage is permissible with consent in the former Rockdale LGA, but is not explicitly permitted in the former Canterbury and Hurstville LGAs.

The following figure 2.4.1 – Existing Conditions and figure 2.4.2 – Land Zoning and Ownership Plan, indicate the change in land use between the existing arrangement and the proposed arrangement on completion of the New M5.

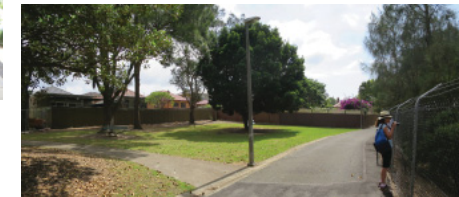
2.4.1 Existing conditions

Legend:

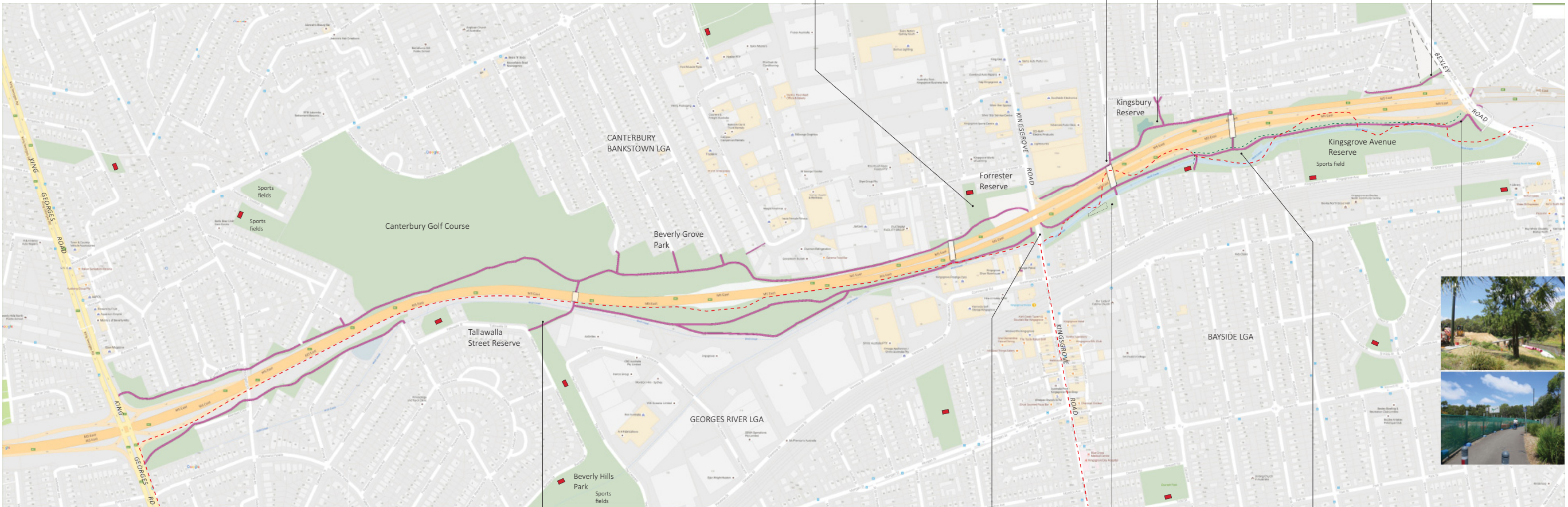
- LGA boundary
- Green spaces / Parks
- Shared Path
- Existing play ground
- Dog Park
- Existing Fitness trail
- Under pass



Forrester Reserve



Kingsbury Reserve



NORTH

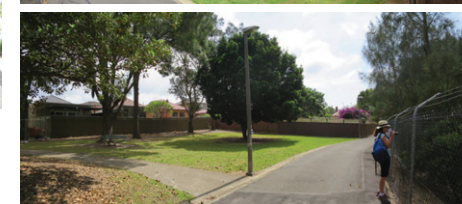
2.4.2 Land zoning and ownership plan - New M5 condition

Legend:

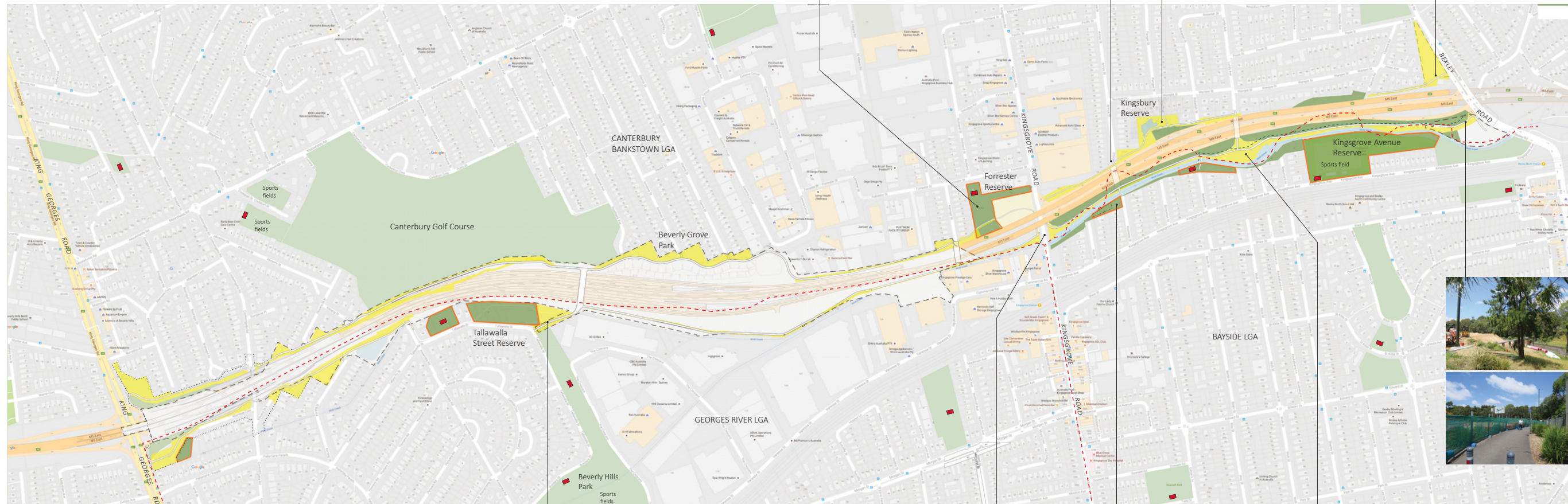
- - - LGA boundary
- RE1- Open Space connecting to Linear Park available for enhancement
- RMS / DPE / Council Land available for enhancement
- M5 Works boundary
- Shared Path
- Existing play ground
- Dog Park
- Existing Fitness trail
- Under pass
- Green spaces / Parks (outside Project area)



Forrester Reserve



Kingsbury Reserve



NORTH

2.6 Open Space Management

Community land within the M5 Linear Park is managed by the relevant Council according to a generic Plan of Management which applies to the land. The Plans of Management set out in very general terms how the open spaces in the M5 Linear Park are intended to be used and managed.

Community land in the M5 Linear Park is either categorised as either Park, Sportsground or General Community Use. Core objectives for management of these categories of community land are set out in the *Local Government Act 1993*.

Improvements to the M5 Linear Park are proposed in Section 94 Development Contributions Plans and in open space and recreation strategies prepared by or on behalf of the three Councils. Such works to be funded using Section 94 contributions include: upgrading footpaths, signalling, cycle path and seating to improve connections between Beverly Hills station, Beverly Hills Park, Olds Park and library, and the M5 Linear Park and potential community facilities.

Proposed improvements to open spaces in the M5 Linear Park

Proposed Facility	Location	Source	Status
Fitness Training Equipment Stations \$35,000 Priority 1	Forrester Reserve	Canterbury Development Contributions Plan 2013	Refer to Concept Plans
Upgrade park entrances and directional signage \$5,000 Priority 3	Kingsbury Reserve	Canterbury Development Contributions Plan 2013	Refer to Concept Plans
Rain garden	Kingsbury Reserve	Canterbury-Bankstown Council	Under construction according to Masterplan

2.7 Urban Design Principles

The enhancement of urban amenity in the form of fitness equipment, seating, shade and park furniture is considered in the light of urban design principles as expounded in *Beyond the Pavement*. RMS Urban Design Policy, Procedures and Design Principles. Whilst these principles refer specifically to the creation of the road corridor and surrounding landscape, three of these principles can be applied to the M5 Linear Park Enhancement project.

Principle 1	Contributing to urban structure and revitalisation	Consider both transport and community needs in planning and designing road networks and hierarchies.
Principle 3	Connecting modes and communities	Consider connectivity into and through surrounding environments Consider where people want to cross and the quality of crossing points
Principle 9	Achieving integrated and minimal maintenance design	Use robust durable materials fit for purpose and place

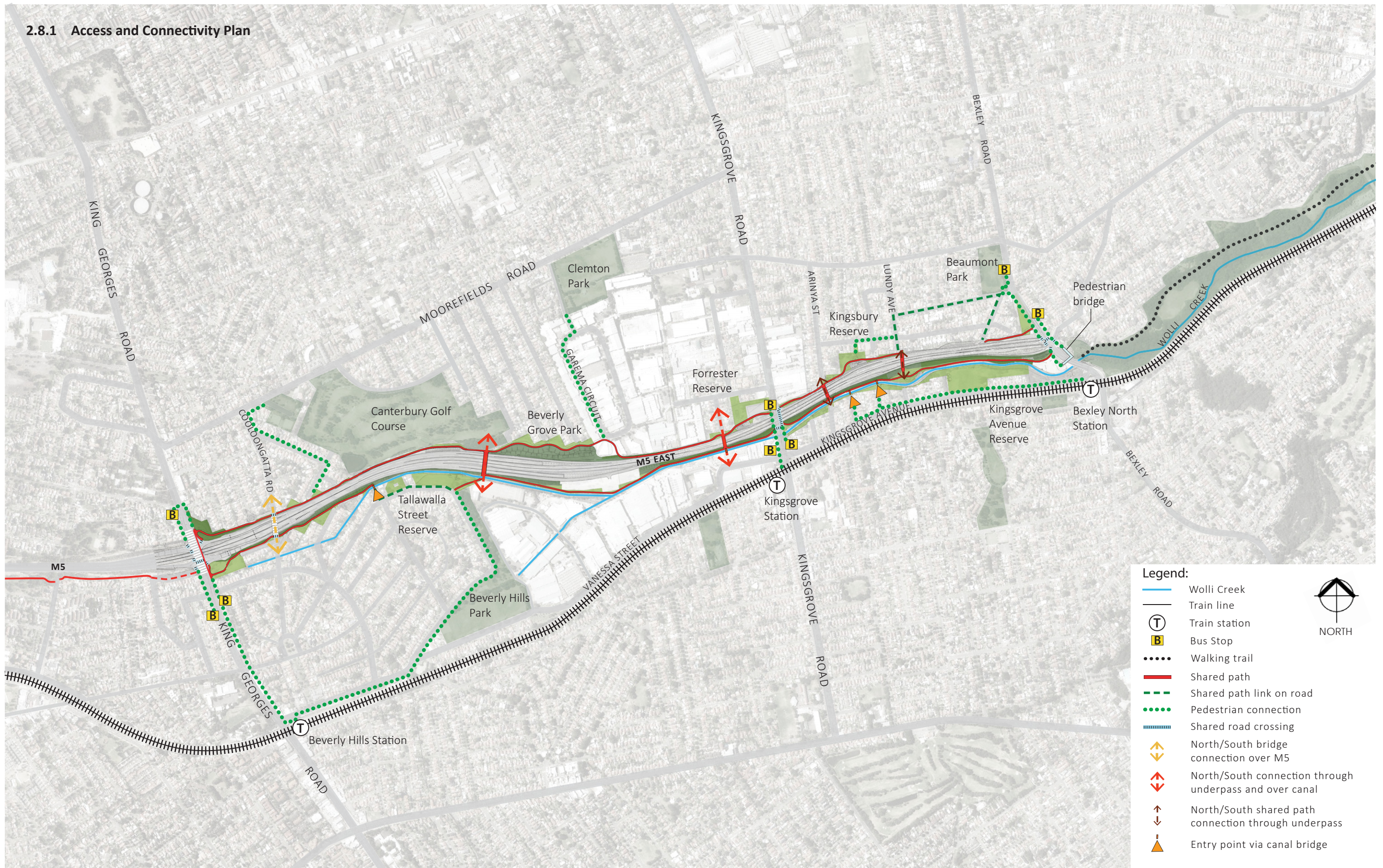
2.8 Linear Park Green Space - Access and Connectivity

The existing access and connectivity of LM5 Linear Park corridor and surrounding areas have been reviewed as part of the analysis. Refer to figure 2.8.1 for Access and Connectivity Plan

2.9 Planning Condition B50 - WestConnex M5 Pedestrian and Bicycle Transport Network Review

- Condition B50 is addressing the broader connections of active transport through the M5 corridor from Kings Georges Road to the St Peters Interchange.

2.8.1 Access and Connectivity Plan



3.0 Background

To evaluate the need and assess the relevant type of active and passive recreation opportunities for M5 Linear Park, the adjoining Councils have been consulted to receive and review relevant documents. Those were Council reports, particularly open space and recreation (active and passive) needs studies and strategy plans, youth strategies, and other strategic plans.

In addition, all three Councils, Canterbury-Bankstown, Georges River and Bayside Councils were consulted individually to discuss the existing strategies and gain further feed back.

A clear need for active and passive recreation in the M5 Linear Park area has been derived from the review of the documents and consultation and the following general user types of M5 Linear Park:

User group	Activity category
Cyclists	- Active and passive recreation - Commuting
Pedestrians	- Active and passive recreation
Sports Clubs	- Active recreation - Commuting
Community groups- scouts	- Active and passive recreation

3.1 Consultation process

Following the meetings with Councils - the table in Section 3.4 provides a summary of their stated needs - representatives from the user groups were engaged to determine their needs for new facilities and/or improvements to existing facilities. Groups consulted were St George Bicycle User Group (cycleway), Bexley North Football Club (Kingsgrove Avenue Reserve), and 2nd Beverly Hills Scout Group (Tallawalla Reserve). Refer Table 3.2 for a summary of the stated needs.

A previous study by the Beverly Hills progress Association has been reviewed.

A design strategy and first design concept for the park was developed which was taken back to stakeholders and Councils for discussion, was presented to the M5 Urban Design Review Panel and made available for comment to the community during the public consultation period and presented.

Adjustments to the Draft concept design were made to reflect the responses and the final, approved concept as presented in Section 7 was derived from further consultation with Councils.

3.2 Needs of current user groups

User group	Current use	Suggested changes/improvements
Cycling		
St George Bicycle User Group		<ul style="list-style-type: none"> - Upgrade the signage and pavement logos to guide cyclists to the M5 Cycleway at both the entrances off Bexley Road and King Georges Road. - Ensure a continuous smooth asphalt or concrete surface for the cycleway pavement. Pavers, while looking good, are rough particularly for road bikes with narrow tyres. - Ensure that vegetation is cut back from the path to be at least 1 metre clear from the path edges - Provide improved signage at the M5 underpasses - Paint a continuous white dashed centreline along both paths which is a simple and inexpensive way to guide both cyclists and pedestrians using the path. - Upgrade the crossing for cyclists over King Georges Road as the existing path seems to stop at this road and does not provide a safe clear pathway over this major road to the cycleway around Rosetta Street / Welfare Avenue, Narwee.
Field sport		
Bexley North Football Club	The club uses Kingsgrove Avenue Reserve as their home ground for junior and senior football.	Access to a 60m x 40m and/or 30m x 20m field for junior football close to Kingsgrove Avenue Reserve
Scouts/Guides		
2 nd Beverly Hills Scouts	Uses the Scout hall in Tallawalla Reserve	Any fitness equipment or multi-purpose courts provided in Tallawalla Reserve would be used by the Scouts.

3.3 Needs of community groups

The Beverly Hills North Progress Association (BHNPA) undertook a survey of residents in September 2016 regarding their views about provision of recreational facilities in the M5 Linear Park. The BHNPA proposed the following recreation facilities be included in the M5 Linear Park:

- simple exercise circuit apparatus, with rubberised matting and instruction panels at 28 indicative locations. This proposal received 89% support among 37 residents responding to an online survey by BHNPA.
- A Community Recreational Facility in the eastern side of Beverly Grove Park (acquired industrial site), including futsal, basketball and cricket apparatus and barbecue, picnic, toilet facilities and a shaded play area, which received 81% support among 37 residents responding to an online survey by BHNPA. Some residents stated in the survey that the western end of Beverly Grove Park (instead of the eastern end) should be the location for more shaded children's play equipment, shaded outdoor basketball court (full court or half court), and cricket nets.

Figure 1 shows the indicative desired locations of these suggested facilities.

Other comments made by the BHNPA and a representative of the Kingsgrove North Progress Association are:

- The Cooks River fitness trail is a good example of fitness equipment.
- Consider fitness equipment in larger open spaces as complementary to existing play spaces e.g. Tallawalla Park East and West.
- Parkour equipment can also be included in the fitness equipment areas.
- Consider additional path connections between one area of fitness equipment and another.
- Consider a possible children's cycle path at Forrester Reserve to complement the existing play space.
- half basketball courts are required in the M5 Linear Park.

It is confirmed that the land in Garema Circuit has been dedicated as a bio-retention basin and will not be available for recreation facilities. Alternative locations have been identified for the requested facilities.

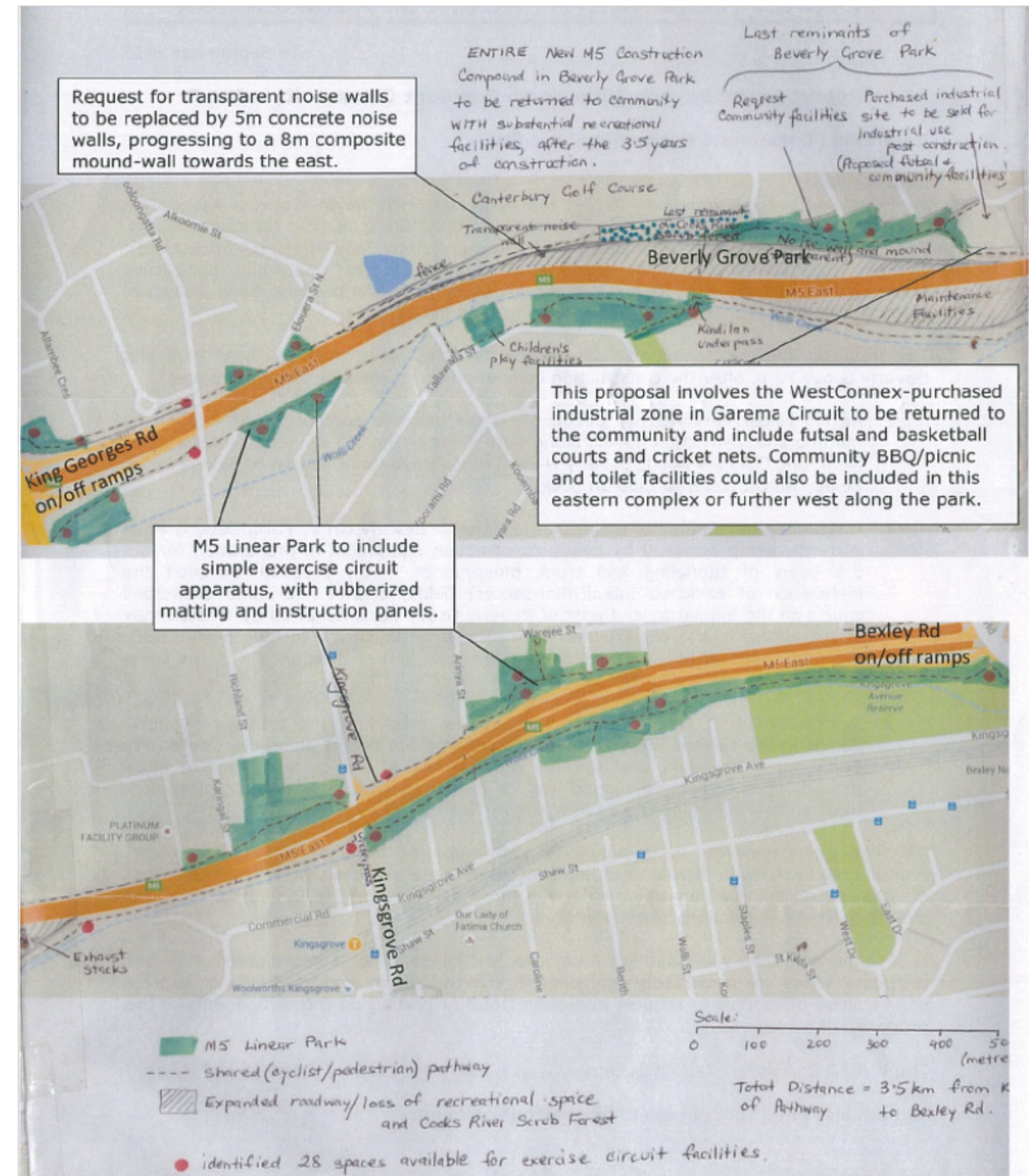


Figure 1 - Community recreational facilities proposed by Beverly Hills North Progress Association for M5 Linear Park

3.4 Needs identified by Councils

Recreation needs, and recommendations to address such needs, have been documented in open space and recreation needs studies and strategies prepared by or on behalf of the former Canterbury, Hurstville and Rockdale Councils. These needs are summarised below.

Recreation facility/setting	Canterbury-Bankstown	Georges River	Bayside
Walking/ cycling connections			
Walking/ cycling connections	<p>Open space connections and linear trails are well used and highly valued for walking and bike riding.</p> <p>The level of satisfaction is not overly high in relation to provision of bike paths.</p> <p>Improve connectivity of open space and key recreation sites.</p> <p>Improve the system of shared pathways for walkers and cyclists, and connect the existing limited system.</p> <p>More bike parking at parks and sportsgrounds Draft Canterbury Bike Plan:</p> <ul style="list-style-type: none"> - A safe cycling connection between the end of the M5 Path and Cooks River Path, ideally close to the southern boundary of Canterbury LGA. - Eastern end of M5 path could connect to Rockdale's routes near Bexley North station. - Improve visibility of and access to the M5 Shared Path by providing wayfinding direction signage at Woorail Avenue/Poole Street in Kingsgrove, and between the shared path on the northern side and the footpath/ shared path on the southern side. - Upgrade the footpath on the southern side of the motorway west of King Georges Road to a shared path. - Investigate the feasibility of installing bicycle lanterns (to enable cyclists to cross the road while staying on their bikes) at the intersection of the shared path and King Georges and Kingsgrove Roads. 	<p>Beverly Hills station to Beverley Hills Park, Olds Park (including library), the M5 Linear Park to the north, and potential community facilities</p>	<p>Walking trails are very important to the recreation facility needs of 93% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015.</p> <p>Cycle paths identified by 85% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015 as very important to meet their future active recreation needs.</p> <p>Running trails identified by 76% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015 as very important to meet their future active recreation needs.</p> <p>New pedestrian footpaths and cycleways, strengthening existing connections, improving signage and wayfinding mechanisms.</p> <p>Clear pedestrian and cycle links to and through the Bardwell Valley/ Bexley North Corridor</p>

Recreation facility/setting	Canterbury-Bankstown	Georges River	Bayside
Sporting facilities			
Multi-use sports facilities	-	-	Multi-use sports facilities identified by 71% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015 as very important to meet their future active recreation needs.
Sporting fields	<p>There is existing demand for additional playing fields particularly for soccer, rugby league and touch football. More sporting fields and facilities required in Canterbury LGA (2016), particularly in areas of population growth (Beverly Hills/Narwee).</p> <p>By 2036 there could be demand for additional fields and facilities, particularly to cater for athletics, Australian Rules football, soccer, rugby sports (including touch football), and diamond sports.</p> <p>Consider the potential use of open space along the M5 corridor for junior sport and training requirements. These areas could still maintain a strong informal recreation provision with pathways, seating, shade around the maintained grass field areas.</p> <p>Improved vehicle access and car parking needs to be considered to any allocation of sports training along this corridor.</p> <p>There is demand for a number of sports facilities to be improved in quality.</p>	-	Number of existing sports fields is not adequate for existing needs for cricket, hockey, soccer, baseball.
Outdoor sports courts		-	Need identified for half-basketball courts
Outdoor fitness equipment	-	Develop an LGA wide local park upgrade audit and implementation program focusing on upgrade of or new ... fitness equipment	Gym equipment along pedestrian paths and cycleways
Cricket nets	-	-	Need identified for cricket nets for informal use

Recreation facility/setting	Canterbury-Bankstown	Georges River	Bayside
Informal recreation			
Informal open space (general)	-	Develop an LGA wide local park upgrade audit and implementation program focusing on upgrade of or new play facilities (including enclosure and shade), circuit paths, fitness equipment, seating, shelters, barbecues	Seating and shading are very important to the recreation facility needs of 93% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015.
Children's play facilities	Local parks and playgrounds are required to support children's play and local community activities (a place to play, relax, read a book, walk the dog). Enhance and improve existing playground facilities and amenities. Consider additional playground locations as part of new multi-functional facilities during any public open space upgrade.	Develop an LGA wide local park upgrade audit and implementation program focusing on upgrade of or new play facilities (including enclosure and shade), ...	-
Bike safety track	-	-	-
Active play facilities for older children and young people	The level of satisfaction is not overly high in relation to services and facilities for youth. Recreation opportunities and places to meet for young people.	More teenage activities in open space located near good public transport and/or cycling and walking routes, and near a youth facility. Active play equipment such as flying fox, climbing frames; multi-use courts for informal games; hang out areas and shelters. To make Hurstville a better place to live, young people asked for: <ul style="list-style-type: none"> - More dedicated youth spaces where young people can gather and connect with peers - More outdoor facilities and spaces for activity - More free and low cost activities, programs and events specifically for young people. Young people asked for capital development and maintenance of sporting and community facilities, particularly those with a strong youth focus. Accessible skate parks, basketball courts, sporting fields and youth centres could be improved.	-
Picnic and barbecue facilities	-	Develop an LGA wide local park upgrade audit and implementation program focusing on upgrade of or new ... seating, shelters, barbecues	Seating and shading are very important to the recreation facility needs of 93% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015.

Recreation facility/setting	Canterbury-Bankstown	Georges River	Bayside
Informal recreation			
Unleashed dog exercise areas	Provide and distribute more unleashed dog exercise areas and associated facilities.	-	Review of trial of dog exercise areas across the LGA. Unleashed dog exercise area intended within 1,500 metres walk of all residences in Rockdale LGA
Constructed recreational facilities			
Indoor sports and recreation facility	Indoor sports venues	-	Additional indoor sports and recreation facility, which may include syn-thetic multi-purpose courts and recreational facilities
Aquatic facilities	-	-	Swimming pools identified by 82% of respondents to Rockdale Open Space and Recreation Needs Online Survey 2015 as very important to meet their future active recreation needs.
Cafes	-	-	-
Ancillary facilities			
Seating	-	-	-
Toilets	-	-	-
Signage	-	-	-

Sources: Parkland Environmental Planners (2010), Clouston et. al (2010), Clouston (2013), Hurstville City Council (2014), Rockdale City Council (2016), Urbis (2015), GTA Consultants (2016), Suter Planners et. al. (2016)

3.5 Consultation with Councils

Additional points raised about recreation demands which may be accommodated in the M5 Linear Park in Meetings with Canterbury Bankstown, Georges River and Bayside Councils are set out below.

Demands for recreational opportunities derived from meetings with staff from Canterbury-Bankstown, Georges River and Bayside Councils are set out below.

Recreation demands and opportunities in adjoining LGAs

Recreation facility/setting	Canterbury-Bankstown	Georges River	Bayside
Walking/ cycling connections			
Walking/ cycling connections	-	Provide bike path linking with existing and proposed cycle routes. Links to be created from M5 Linear Park to Gannons Park (4 km) and Olds Park (1 km). Wayfinding, branding and signage is required.	Need to strengthen connections between open space areas adjacent and the M5 Linear Park. Improve walking/ cycling links between hubs of sportsfields, commercial areas of Bexley and Kings-grove shops, and to Wolli Creek and paths to east. Cycle and pedestrian path should be wide enough for a shared path according to park guidelines avoiding pinch points. Review lighting because the path should be well-lit.
Sporting facilities			
Multi-use sports facilities	-	-	-
Sporting fields	-	-	-
Outdoor sports courts	Clemton Park has 7 sealed and 5 grass netball courts. The location of sports courts in Forrester Reserve is probably not necessary because Council has received requests to convert netball courts in Clemton Park to multi-use courts.	Council has recently installed multi-purpose basketball/netball courts at Evatt Park in Lugarno and at Peakhurst Park (new) which are very popular. Demand for any form of basketball courts, particularly half-courts. Council has converted netball courts to basketball courts to reflect demand. Opportunity for half basketball courts in the open space triangle adjacent to the Kindilan Underpass south portal. Schools use the grass netball courts in the reserve at Tallawalla Street.	Half-basketball courts

Recreation facility/setting	Canterbury-Bankstown	Georges River	Bayside
Walking/ cycling connections			
Outdoor fitness equipment	Install fitness stations in smaller sites and close to play spaces. Preference for equipment suitable for seniors.	Stretching on seats and picnic tables is common. Fitness equipment as part of a circuit should be considered.	Lack of fitness equipment. Council has provided fitness facilities at Lady Robinson Beach Fitness equipment based on a circuit
Cricket nets	-	Cricket practice nets at Beverly Hills Park are popular.	New and upgraded cricket nets
Informal recreation			
Children's play facilities	Kingsgrove has sufficient play spaces, but barriers such as main roads limit access. Kingsbury Reserve may include play equipment and seating. Smith Park in Kingsgrove is a good example of a local park, with play equipment and two courts.	-	Playground at Kingsgrove Avenue Reserve
Bike safety track			Bike learning centre
Active play facilities for older children and young people	Consider practice /'hit-up' walls along the path.	-	Young people are asking for parkour and skate facilities
Picnic and barbecue facilities	-	-	Generally, a lack of picnic facilities along the Bexley North Corridor
Unleashed dog exercise areas	-	-	-
Constructed recreational facilities			
Indoor sports and recreation facility	-	Council is looking for a site in an industrial area for an indoor basketball stadium	-
Aquatic facilities	-	-	-
Cafes			Café facilities would be preferred.
Ancillary facilities			
Seating	Consider seating for workers in factories.	Small shelters with a seat are desirable. Choice of location should consider residential areas and young people gathering.	Additional seating required. Provide seating, shade and bubblers along the route
Toilets	-	-	
Signage	-	-	Signposting is inadequate. Improve welcoming and directional signage according to Council's signage suite.

At the completion of concept design phase letters of support were sought from Councils. Refer Appendix 3 for copies of the council letters of support. At the completion of detailed design phase letters of support were again sought from Councils. Refer Appendix 5 for copies of the final Council letters of support.

3.6 Public Consultation

Comments relevant to the scope of the M5 Linear Park Enhancement Subplan that were raised during public consultation are summarised in the table below.

Recreation facility/setting	Suggested changes/improvements
Field sport / Fitness equipment	<ul style="list-style-type: none"> - Addition of a half basketball court and gym (outdoor fitness) equipment in Tallawalla Street Reserve - Proposed addition of cricket nets in Kingsgrove Avenue not supported by Bexley North Football Club
Fitness equipment / passive recreation	<ul style="list-style-type: none"> - Add path to the small fitness stations proposed on the southern side of the canal between Kingsgrove Rd and Bexley Rd - Rubber softfall preferred for fitness hub surface treatment - A preference for more open space rather than too many picnic and fitness stations at Beverly Grove Park was noted
Kindilan Underpass	<ul style="list-style-type: none"> - Support for appropriate artwork in the underpass
Others	<ul style="list-style-type: none"> - Suggestion to include a gate in the fence dividing Forrester Reserve from the path along the south side - Addition of Bubblers and water refill stations was welcomed and the provision of secure bicycle parking at key points suggested

4.0 Background

Open space and recreation strategy plans prepared by adjoining Councils (Suter Planners, 2014; Suter Planners, 2015; Urbis, 2015; Suter Planners et. al., 2016) have assessed the provision of open space in suburbs adjoining the M5 Linear Park, as outlined in 4.1.

Suburbs adjoining the eastern end of the M5 Linear Park (Earlwood, Bexley North and Bardwell Park) are assessed as being well provided with open space in terms of proportion of land area and open space area per 1,000 people. In contrast suburbs adjoining the middle-west of the M5 Linear Park (Kingsgrove, Narwee and Beverley Hills) have a lower provision of open space, while Roselands has a critically low provision of open space. Forecast population growth by 2031 will mean that the current rate of provision of open space will fall further, with the implication that open space will be under pressure to cater for an increased population in the M5 Linear Park corridor.

4.1 Provision of open space in vicinity of the M5 Linear Park

Suburb	% of land area as open space	Open space (hectares per 1,000 people)	Population growth by 2031	Assessment of needs for open space
Narwee	8% of land area is open space.	Lower provision of open space (1.97 ha/1,000 people in 2011, 1.64 ha per 1,000 people by 2031).	More than 20% population growth by 2031.	Lower socio-economic status and fewer motor vehicles -> higher need for open space for affordable and accessible sport and activity opportunities.
Roselands	2% of land area is open space.	0.45 ha of open space per 1,000 people in 2011, 0.38 ha/1,000 people by 2031.	Increase in population by 30% (Dept. Planning and Environment projection)	Critically low provision of open space. Lower socio-economic status and larger percentage of families with children -> higher need for open space for affordable and accessible sport and activity opportunities. Priority for acquisition of land for open space south of Canterbury Road and east of King Georges Road/west of Chapel Street.
Beverly Hills	24% of land area is open space including Canterbury Golf Course.	Lower provision of open space (1.52 ha/1,000 people in 2011, 1.26 ha/ 1,000 people in 2031)	More than 20% population growth by 2031.	Some gaps in walkable open space catchments including in the vicinity of Beverly Grove Park.
Kingsgrove	5.6% of land area is open space.	<u>Canterbury</u> Lower provision of open space (2.03 ha/1,000 people in 2011, 1.78 ha per 1,000 people in 2031) <u>Rockdale</u> 2.7 hectares of open space per 1,000 people in 2011 (below average for Rockdale LGA of 3.7 hectares/ 1,000 people)	-	Some gaps in walkable open space catchments
Earlwood	18% of land area is open space.	Good provision of open space (5 ha per 1,000 people) by 2031.	-	Larger percentage of families with children results in need for open space with sport and activity opportunities.
Bexley North	-	3.0 hectares of open space per 1,000 people in 2011 (below average for Rockdale LGA of 3.7 hectares/ 1,000 people)	-	-
Bardwell Park	-	2.9 hectares of open space per 1,000 people in 2011 (below average for Rockdale LGA of 3.7 hectares/ 1,000 people)	-	-

Further assessment of the provision of playgrounds and play spaces by suburb in the former Canterbury LGA is set out in Table 4.2.

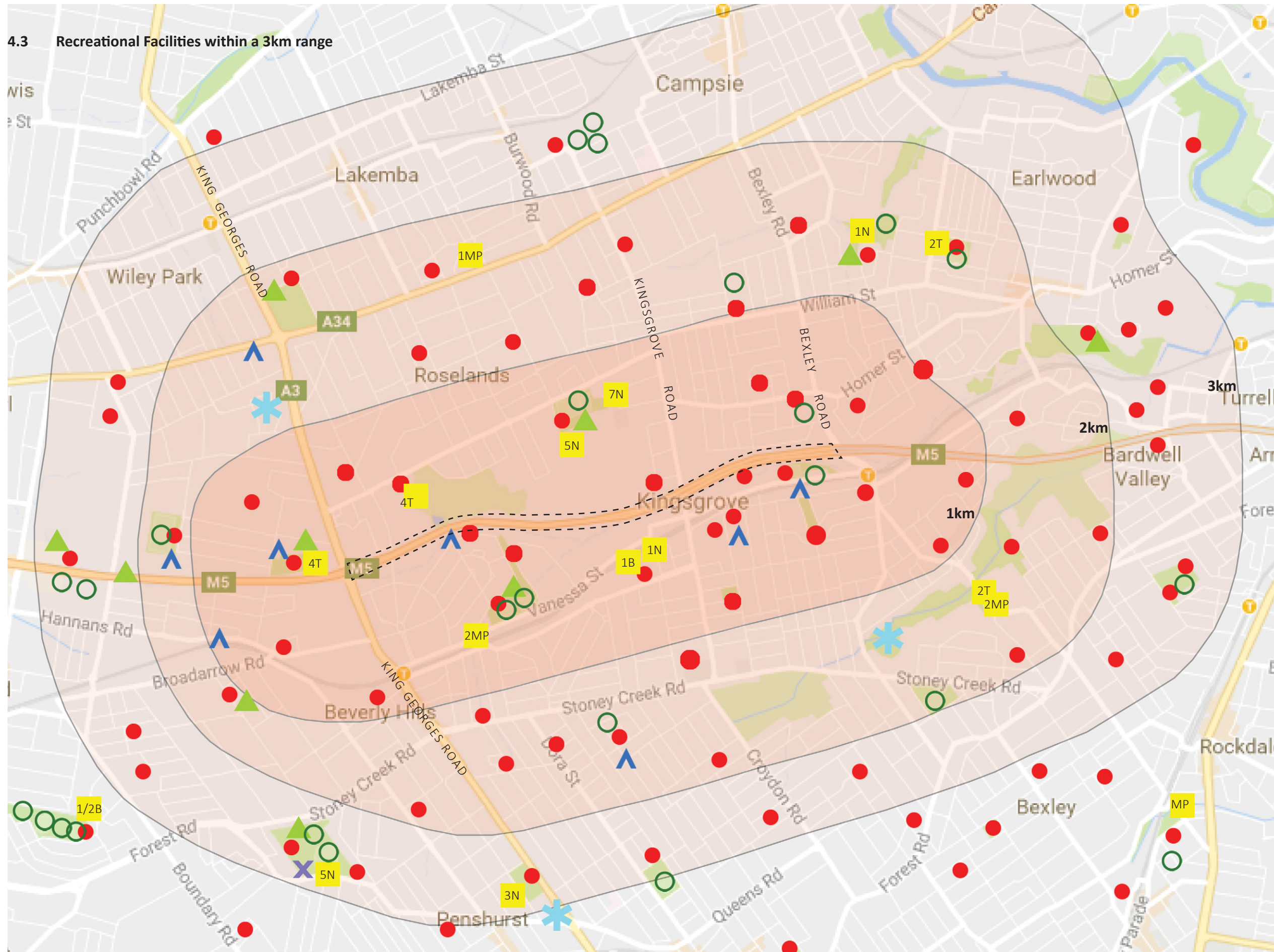
Somewhat reflecting the provision of open space in the table above, the rate of provision of playgrounds is highest in the east in Earlwood and Kingsgrove, and lowest in the western suburbs of Beverly Hills, Narwee, and in particular Roselands.

4.2 Provision of playgrounds and play spaces in Canterbury LGA

Suburb	Playgrounds per x people	Assessment of playground provision
LGA in general	-	Limited provision for toddlers or for older children Lack of accessible playgrounds and equipment for children with a disability Playgrounds are not well linked to other recreation facilities and spaces
Narwee	1 playground per 1,611 people	No gap in supply of playgrounds
Roselands	1 playground per 2,208 people	Gap in provision of 3-4 playgrounds
Beverly Hills	1 playground per 1,623 people	No gap in provision of playgrounds
Kingsgrove	1 playground per 1,470 people	No gap in supply of playgrounds High quality local playground in Forrester Reserve to be maintained as is. Consider extra trees and some seating near the playground. Council is seeking a direction on whether it is appropriate to establish a new playground in Kingsbury Reserve, Kingsgrove
Earlwood	1 playground per 800 people	High supply of playgrounds
Bexley North	-	-
Bardwell Park	-	-

Sources: Suter Planners (2014) Playgrounds and Playspaces Study. Prepared for Canterbury City Council, April.

4.3 Recreational Facilities within a 3km range



LEGEND

- 1km distance
- 2km distance
- 3km distance
- ▲ Scouts
- Sporting Fields
- Children's Playgrounds
- ✳ Aquatic Facilities
- MP Outdoor Sports Courts
- ▲ Picnic and BBQ Areas
- ✕ Skate Facilities
- AREA OF WORKS
- N = Netball
- B = Basketball
- MP = Multi-purpose
- T = Tennis



4.4 Existing fitness and park furniture facilities in M5 Linear Park

The distribution of recreational facilities and settings in the vicinity of the M5 Linear Park indicates:

- an almost continuous 4 kilometre long shared cycleway and walkway between King Georges Road and Bexley Road.
- playgrounds and play facilities, with numerous playgrounds within walking distance (400 metres) of dwellings in suburbs adjoining the M5 East corridor. A double swing and a spring toy are located at the end of Bonalbo Street in Bexley North. Larger playgrounds in Forrester Reserve, Tallawalla Reserve and Kingsgrove Avenue Reserve are in close proximity to the M5 Linear Park.
- a fitness circuit/trail with fitness equipment in reasonable condition at intervals in the Bayside Council section of the park. Other fitness circuits/trails are located further afield in major parks such as Olds Park in Penshurst, and along the Botany Bay foreshore.
- one senior football field (100m x 70m), a mini field (40m x 30m) and a small sided field (30m x 20m) at Kingsgrove Avenue Reserve. Other sporting fields located within one kilometre of the linear park are at Clemton Park (3 fields), Beverly Hills Park (2 fields), and Beaumont Park in Bexley (1 field).
- a small unleashed dog exercise area at the end of York Street in the Bayside Council section of the M5 Linear Park. Another unleashed dog exercise area is located east of King Georges Road at Richard Podmore Reserve in Roselands.
- one picnic shelter and table close to the Lundy Avenue underpass. Limited picnic and barbecue opportunities are available near the M5 Linear Park, with the closest of these at Beverly Hills Park, John Mountford Reserve, and Clemton Park.
- no sealed sports courts in the M5 Linear Park. Two grass netball courts are in Tallawalla Street Reserve. Otherwise sports courts within one kilometre of the linear park are located at Clemton Park (12 netball courts), John Mountford Reserve (4 tennis courts), Vanessa Reserve (2 futsal courts).
- existing picnic settings in Kings Grove Avenue Reserve.

4.5 Public Safety

CPTED analysis was undertaken for the Western Interchange Shared Paths and the Kindilan Underpass to identify any improvements that could be made in this area. Refer WestConnex UDLP submission for more details on the CPTED analysis.

The CPTED analysis has noted:

- The existing pathways along the Northern side of the M5 Motorway are generally quite open with clear site lines and limited opportunities for the concealment of crime. These pathways are generally well lit, with light poles located along the full extent of the path.
- The majority of the Southern SUP is open with clear sight lines and has adequate lighting. As part of this project, the route will change from running adjacent to the M5 Motorway retaining wall to running adjacent to the Wolli Creek fence. This design of this new route appears to be appropriate from a CPTED perspective, with minimal curves in the path and a fence line delineating the path from surrounding shrubbery and buildings.

The CPTED analysis has highlighted some minor improvements to the new shared paths to improve public safety, including:

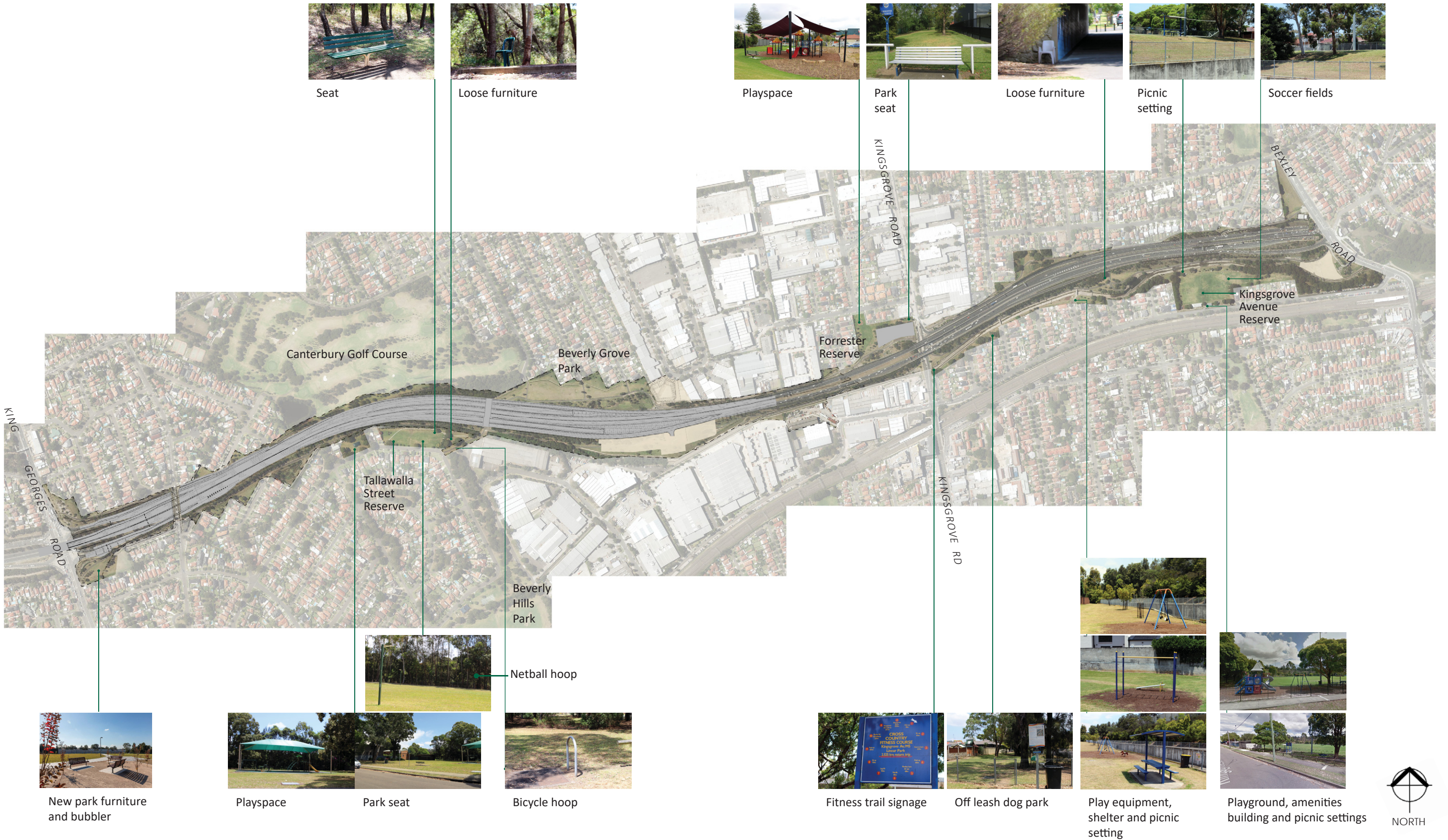
- Some clearing beside the Shared User Path (SUP) to improve sight lines
- Lighting of the alleyway to Garema Circuit (note that this alleyway has been removed in the latest design)
- Removal of thick shrubbery adjacent to paths to limit concealment opportunities.

These recommendations have been incorporated into the Urban Design & Landscaping Plans for the Western Interchange Works.

The related Condition B50 – Pedestrian & Cycle Network Review also considered the public safety aspects of the M5 Linear Park shared paths. The review noted that both the existing path and the new shared paths are fully lit in compliance with existing standards. The path lighting also covers the adjacent open space due to the generally narrow spaces available within the Linear Park. Additional lighting may be necessary at some of the proposed recreational facilities, if they are located away from the shared path. Specific recreational facility lighting would be addressed during detail design of the recreation facilities.

It is noted that the anticipated increase in patronage of the M5 Linear Park due to the new fitness circuits and improved recreational facilities will improve the Natural Surveillance of the M5 Linear Park. New recreational facilities have been proposed in the larger open areas with good natural surveillance from the shared user path and local residences. E.g the major recreational facilities are located in Tallawalla Reserve, Forrester Reserve, Kingsbury Reserve and the open area adjacent to Bexley Road, all areas with good natural surveillance.

4.4.1 Plan - Existing fitness and park furniture facilities in M5 Linear Park in 2016



5.1 Summary of Opportunities

The review of background information, site inspections and engagement with Councils, user groups and community groups and the M5 Urban Design Review Panel, have shown that a combination of recreational facilities and settings should be considered in the M5 Linear Park.

The tables below summarises recreational facilities identified by Council and other user groups. However, not all of the opportunities can be implemented in the available space.

Recreation facility/setting	
Walking/cycling paths	
Walking/cycling connections	Construct a bridge over the canal to connect the cycleway with the sportsgrounds, playground and toilets in Kingsgrove Avenue Reserve. Upgrade signage and pavement logos to guide cyclists to the cycleway off Bexley Road and King Georges Road
Sporting facilities	
Sporting fields	Liaise with Georges River Council to review use of Tallawalla Street Reserve (west) to allow junior sport. Potential grassed area within trees and paths is 125 metres x 40 metres. One 60m x 40m field (east-west orientation) or two 30m x 20m fields could be comfortably accommodated, allowing space for a full-sized sports court on the eastern side of the park.
Outdoor sports courts	Outdoor sports courts in Council parks adjacent to the M5 corridor. Flying Fox in Forrester Reserve? Full multi-purpose court (netball, basketball, tennis) in Tallawalla Reserve (eastern side)
Outdoor fitness equipment	Fitness equipment located on M5 side of Sydney Water canal New fitness equipment clusters in: <ul style="list-style-type: none"> - Tallawalla Street Reserve (east and west) - Beverly Grove Park - Forrester Reserve New fitness equipment stations along the path where sufficient space and in visible location
Cricket nets	Cricket nets in: <ul style="list-style-type: none"> - Kingsgrove Avenue Reserve - Beverly Grove Park if sufficient space - Tallawalla Street Reserve

Recreation facility/setting	
Informal recreation	
Children's play facilities	New play equipment in: Beverly Grove Park if enough space Improve physical/visual connection between the M5 Linear Park/path and the play equipment in Forrester Reserve, Kingsgrove Avenue Reserve, and Tallawalla Street Reserve.
Bike safety track	Children's bike paths associated with playgrounds in Forrester Reserve, and Tallawalla Street Reserve.
Active play facilities for older children and young people	Facilities for young people located in: <ul style="list-style-type: none"> - King Georges Road south) - Kindilan underpass triangle?? - Beverly Grove Park - Bexley Road (north) - Specific facilities in each location to consider: <ul style="list-style-type: none"> - Parkour - Hangout areas and shelters - Flying fox - Climbing frames - Skate - Practice /'hit-up' walls
Picnic	Picnic facilities in: <ul style="list-style-type: none"> - Tallawalla Street Reserve West/ Kindilan triangle - Beverly Grove Park - Forrester Reserve - Kingsbury Reserve - Southern end of Lundy Avenue underpass
Constructed recreational facilities	
Cafes	Walking/cycling link to existing cafes in Bexley North, Kingsgrove Mobile coffee vans permitted at locations where people gather, such as Kingsgrove Avenue Reserve on Saturdays in winter when football is played. If demand for more cafes in future consider at a location along the park where people gather.
Ancillary facilities	
Seating	Consider seating for workers in factories in the open spaces at/near industrial areas – Forrester Reserve, Beverly Grove Park, Tallawalla Street Reserve. Shaded seating with bubblers located at gateways/entry points, pleasant/interesting locations, and at other intervals along the shared path.

Recreation facility/ setting	Opportunities for the M5 Linear Park
Ancillary facilities	
Toilets	<p>Toilets along the M5 Linear Path are desirable for park users. Possibilities for provision of toilets are in Forrester Reserve and Tallawalla Street Reserve. Opportunities to physically and visually connect the park with existing public toilets within 400 metres of the park at:</p> <ul style="list-style-type: none"> - John Mountford Reserve (west of King Georges Road) - Beverly Hills Park - Kingsgrove railway station - Kingsgrove Avenue Reserve via a bridge across the canal - Bexley North Library - Bexley North railway station.
Signage	<p>Improved signage:</p> <ul style="list-style-type: none"> - at gateways from Bexley Road, Kingsgrove Road, King Georges Road - where local streets meet the park - from cycleway to M5 underpasses to toilets and other amenities adjoining the park <p>directional signage for fitness hubs and circuits</p>

6.0 Overview of Linear Park open space and opportunities for enhancement

In general, the suggestions made by the Councils, and user and community groups focused on informal/passive and low-key active recreation opportunities to enhance active uses and the recreational value of the park.

Constraints on the location of certain recreational facilities and settings include:

- unsuitability for a linear shared path corridor
- unsuitability next to a motorway
- the size of available spaces
- proximity of residents and businesses
- proximity of main roads
- others

The M5 Linear Park is conceptually an almost continuous linear corridor, punctuated by a combination of linking spaces; small, medium and large green spaces, and smaller triangles.

Existing open spaces and recreational facilities and settings in the M5 Linear Park are shown in 4.4 and 4.4.1.

6.1.1 Area Categorisation

In order to develop an appropriate design for the design Linear Park a system of categories has been developed which defines each area based on its spatial and functional character, the main factors being size/width and connectivity and type of surrounding development. The Linear Park corridor can be divided into 9 Categories with the Kindilan Underpass being a separate condition:

- Category 1 - Linear corridor
- Category 2 - Linking corridor / 'pockets' of open spaces
- Category 3 - Enclosed triangles
- Category 4 - Connected triangles as single or groups
- Category 5 - Existing Green spaces (pockets)
- Category 6 - Existing medium Green spaces
- Category 7 - Existing large Green spaces
- Category 8 - Road intersections
- Category 9 - Underpass crossings and curtilage

The two plans on 6.2.1 and 6.2.2 show the distribution of the different spacial character categories within the M5 Linear Park.

The character of each category is detailed in section 6.4. Based on their character, suitable active and passive recreational opportunities are assigned to each category.

6.1.2 Design Approach

Given the variety of different spatial characters, the design concept needs to have an over arching design language to tie the whole Linear Park Corridor together and clearly defines it. The developed Pod concept (refer 6.3) provides a common base for any recreational facilities to be distributed throughout the Linear Park. The same shape but in four different sizes allows them to be used suitable to the available space in each category and for Category 6 and 7, the larger available areas, can be combined with a variety of sportsfield options.

Depending on their size, the pods are suitable for a range of recreational facilities / equipment which can then be individually chosen for each pod in its according category. Section 6.4 shows the proposed recreation facility options suitable for each category.

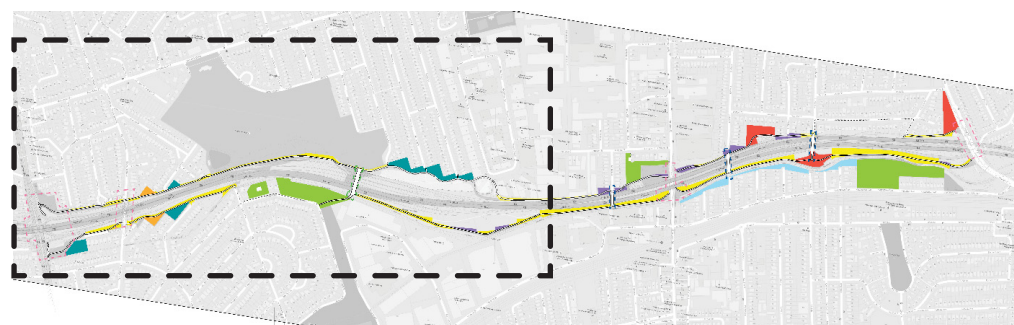
Section 6.5 and 6.6 give examples for activities and equipment desirable for the Linear Park.

In addition, the lack of wayfinding throughout the Park has been addressed. Suggestions for additional and unified signage and supporting elements such as surface treatments have been investigated and proposed locations identified.

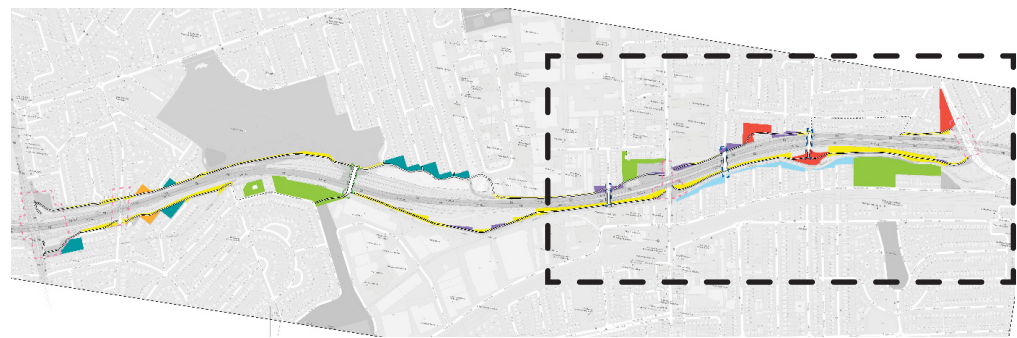
6.2.1 Category Plan 1



- Category 1** - Linear corridor
- Category 2** - Linking corridor / 'pockets' of open space
- Category 3** - Enclosed triangles
- Category 4** - Connected triangles as single or groups
- Category 5** - Existing Green spaces (pockets)
- Category 6** - Medium Green spaces
- Category 7** - Existing large Green spaces
- Category 8** - Road intersections
- Category 9** - Underpass crossings and curtilage
- Kindilan Underpass**



6.2.2 Category Plan 2



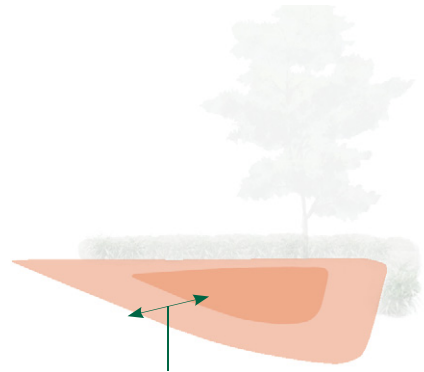
- Category 1** - Linear corridor
- Category 2** - Linking corridor / 'pockets' of open space
- Category 3** - Enclosed triangles
- Category 4** - Connected triangles as single or groups
- Category 5** - Existing Green spaces (pockets)
- Category 6** - Medium Green spaces
- Category 7** - Existing large Green spaces
- Category 8** - Road intersections
- Category 9** - Underpass crossings and curtilage
- Kindilan Underpass**

6.3 Pod Concept

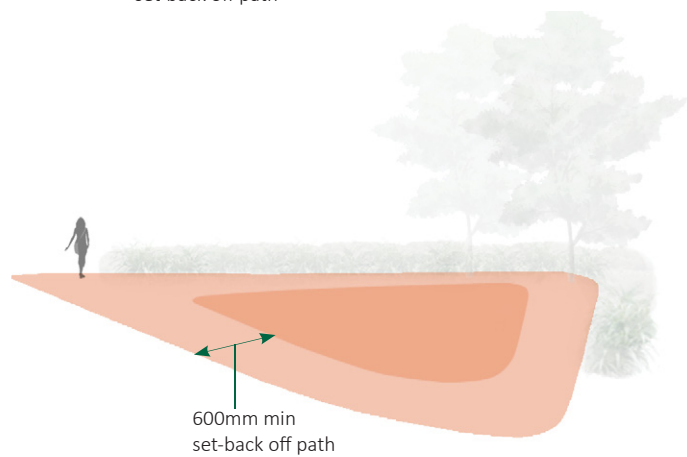
LEGEND



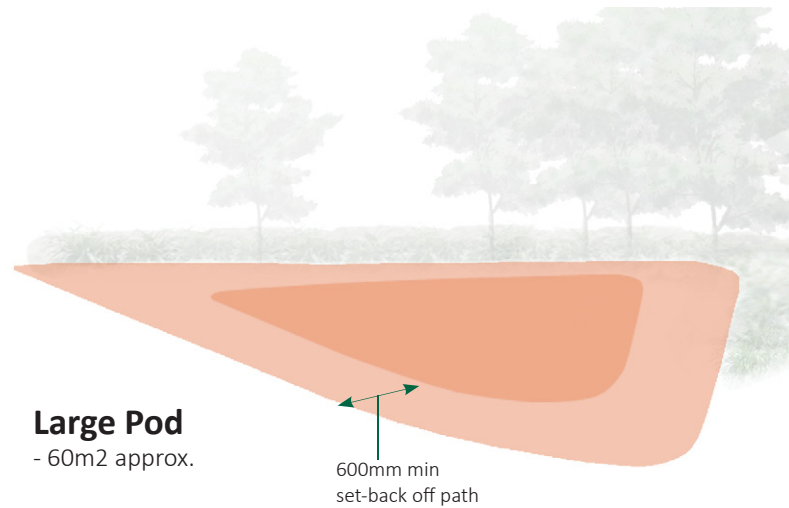
Single Setting



Small Pod
- 20m² approx.



Medium Pod
- 40m² approx.



Large Pod
- 60m² approx.

Design Elements:



Single Seat
1x bench seat or backed seat



Seating Area
- 2 seats (backed or bench seat)



Picnic Setting
- 1 to 2 x picnic table + bubbler



Picnic and Shelter
- 2x picnic table, 1x small shelter, bubbler



Small Hub
- 1 to 3 fitness equipment pieces



Fitness Cluster
- 3 to 5 fitness equipment pieces



Large Fitness Hub
- 6 plus fitness equipment pieces



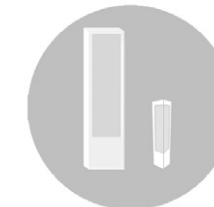
- Parkour equipment



Multi-sport Hub
- 1x Basket half court or parkour equipment / hit-up wall



Sports fields
- Sports fields (Junior soccer, futsal, netball, basketball), cricket nets



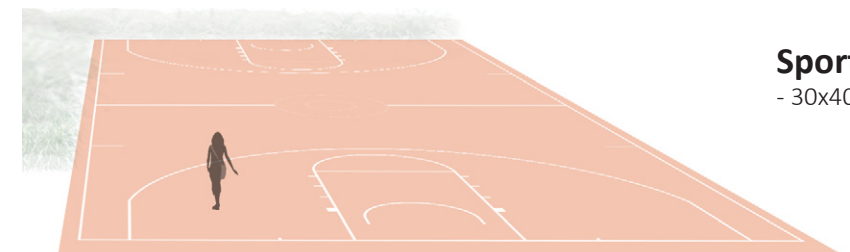
Signage



Seating wall



Half court
- 15x20m approx.



Sportsfield
- 30x40m

6.4 Spatial Characters

Category 1 - Linear corridor



Character:

- Narrow and constrained - typically 4 to 8 metres wide
- Adjacent to a structure - noise wall, retaining wall or Wollie Creek Canal
- No setback to residential boundary
- Existing planting - planted slopes to sound wall

Opportunities:

- Seating Bay
- Signage and wayfinding
- Planting enhancement

Category 2 - Linking corridor / 'pockets' of open space

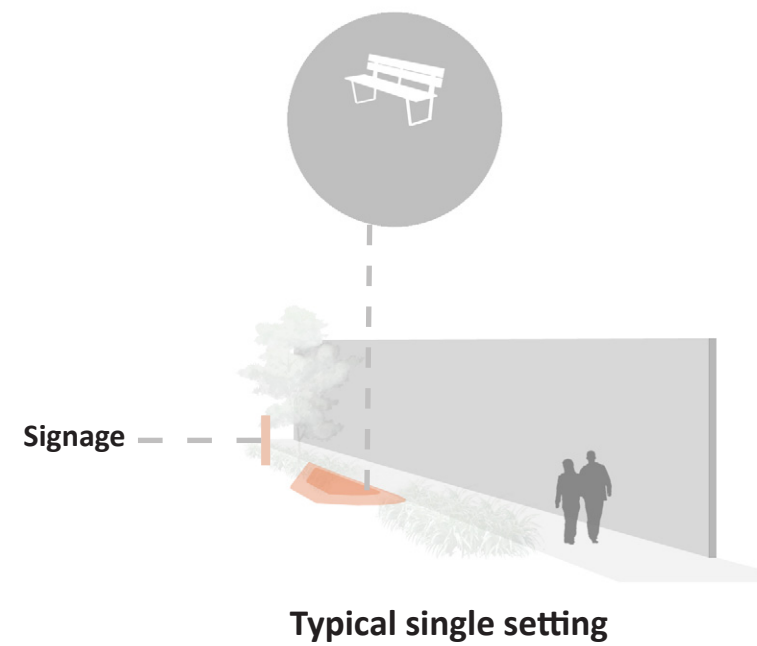


Character:

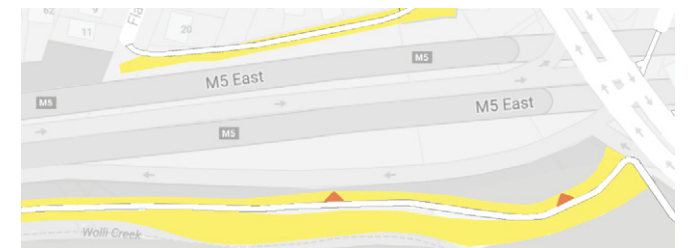
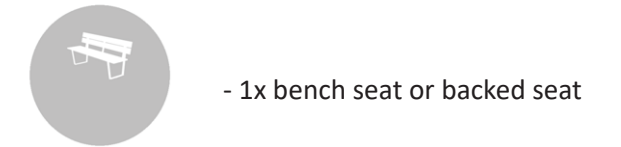
- Typical width 10 to 20m wide
- Adjacent to noise wall / factories/ residential
- Surrounded by level turfed areas and planted slopes
- Limited amenity

Opportunities:

- Planting enhancement
- Seating or small shelter
- Small fitness station
- Signage and wayfinding

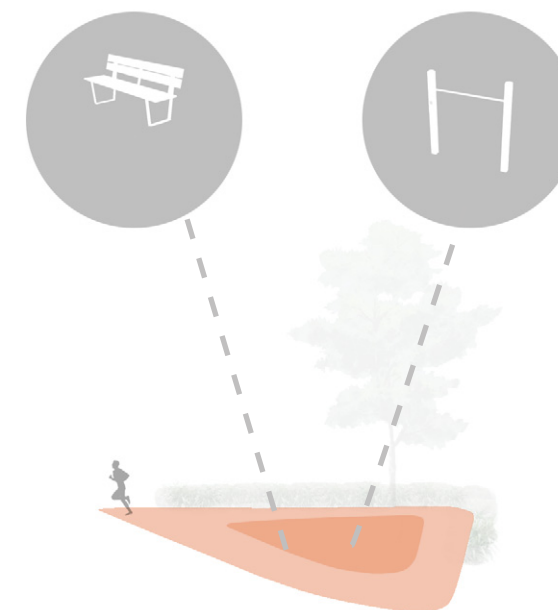


Design Strategy:

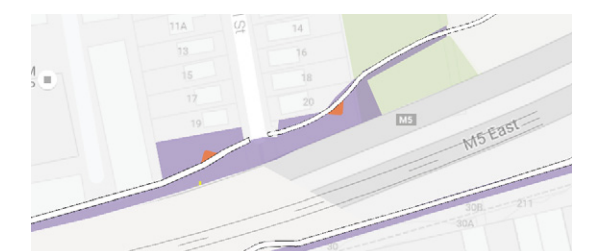
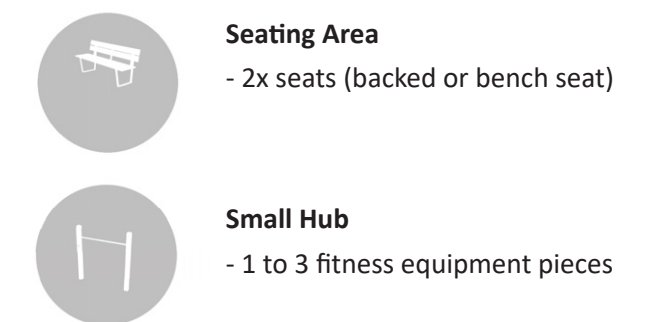


Option 1

Option 2



Design Strategy:



Category 2 - Linking Corridor/ 'Pockets' of Open Space - View end of Karingal Street



Artist's Impression only

Category 3 - Enclosed triangles



Character:

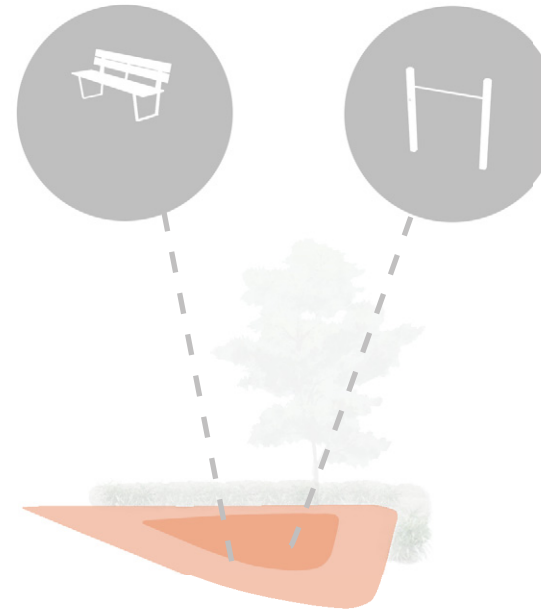
- Typical size 40x40m
- No connections to road or cul-de-sac
- Adjacent to residential boundaries
- Limited public surveillance
- Existing mature trees
- Screening of noise wall with new or existing planting

Opportunities:

- Seating and small shelters, bubblers
- Small fitness equipment
- Signage and wayfinding

Option 1

Option 2



Typical Small Pod

Design Strategy:



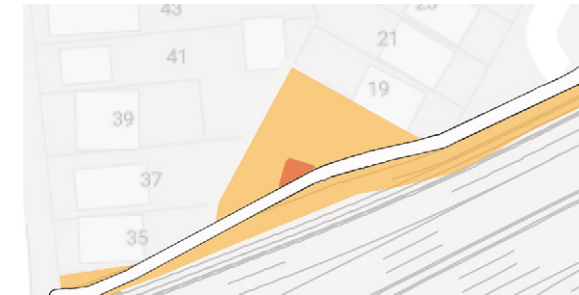
Seating Area

- 2 seats (backed or bench seat)



Small Hub

- 1 to 3 fitness equipment pieces



Typical concept layout

Category 4 - Linked triangles as single or groups



Character:

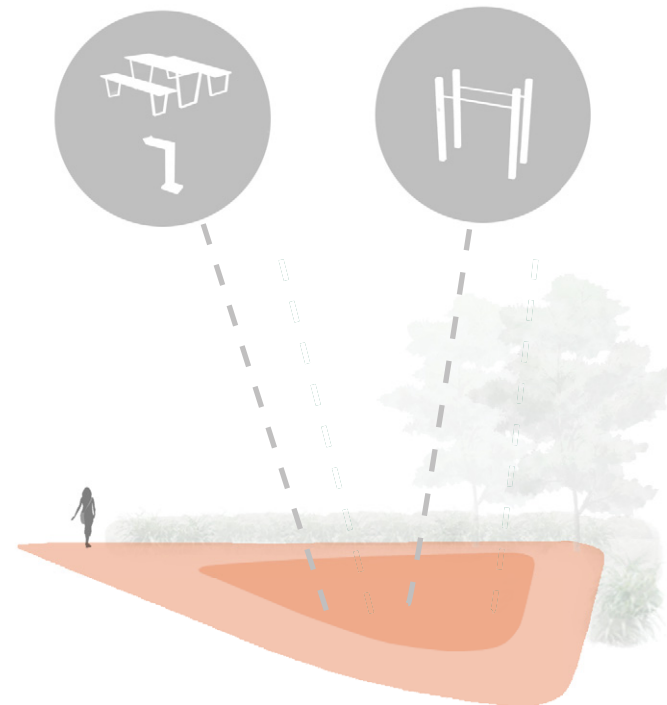
- Typical size 600 to 750m²
- Adjacency to road or cul-de-sac
- Adjacent private residences
- Good public surveillance
- Existing mature trees
- Screening of noise wall with new or existing planting

Opportunities:

- Cluster of fitness equipment stations, seating and small shelters, bubblers
- Signage and wayfinding

Option 1

Option 2



Typical Medium Pod

Design Strategy:



Picnic Setting

- 1x picnic table + bubbler



Fitness Cluster

- 3 to 5 fitness equipment pieces



Typical concept layout

Category 5 - Existing Green spaces (pockets)



Character:

- Typical rectangular spaces size 250m²
- Termination of residential street
- Existing facilities: fitness and play equipment and dog park
- Some existing mature trees
- Linked to Linear Park Shared path via pedestrian bridges
- outside M5 works corridor

Opportunities:

- Medium fitness pod incorporating existing facilities
- Enhanced landscape setting and tree planting
- Signage and wayfinding

Category 6 - Medium Green spaces



Character:

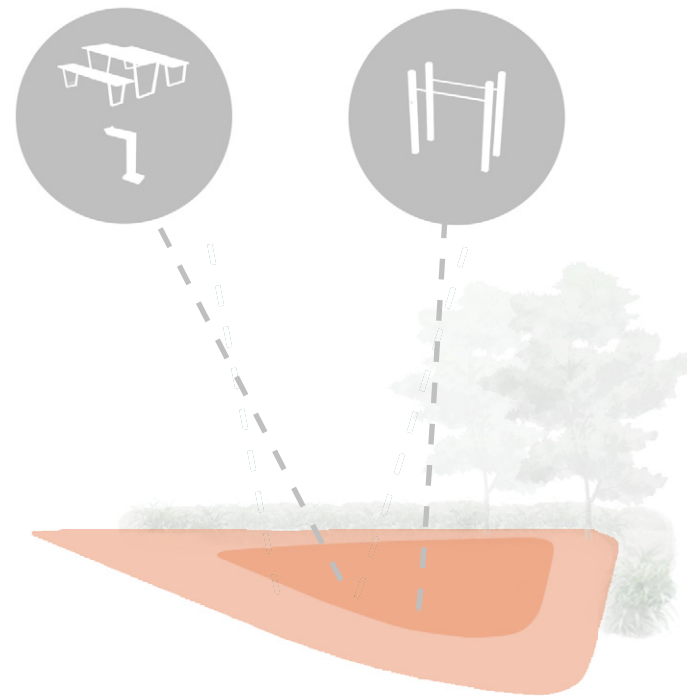
- Typical size 6900m²
- Existing elements (bio retention pond, WSUD)
- Good public surveillance from surrounding residences,
- Connection to roads or path
- Existing mature trees

Opportunities:

- Large fitness pod
- Basketball half-court
- Seating and small shelters, bubblers
- Signage and wayfinding

Option 1

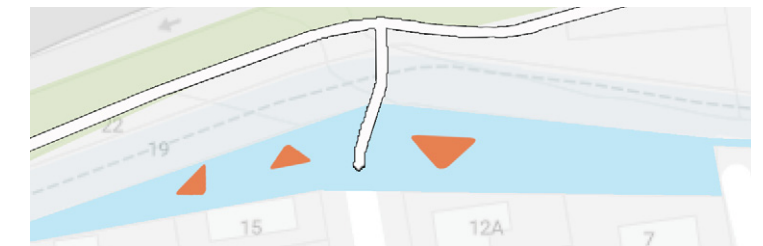
Option 2



Typical Medium Pod

Design Strategy:

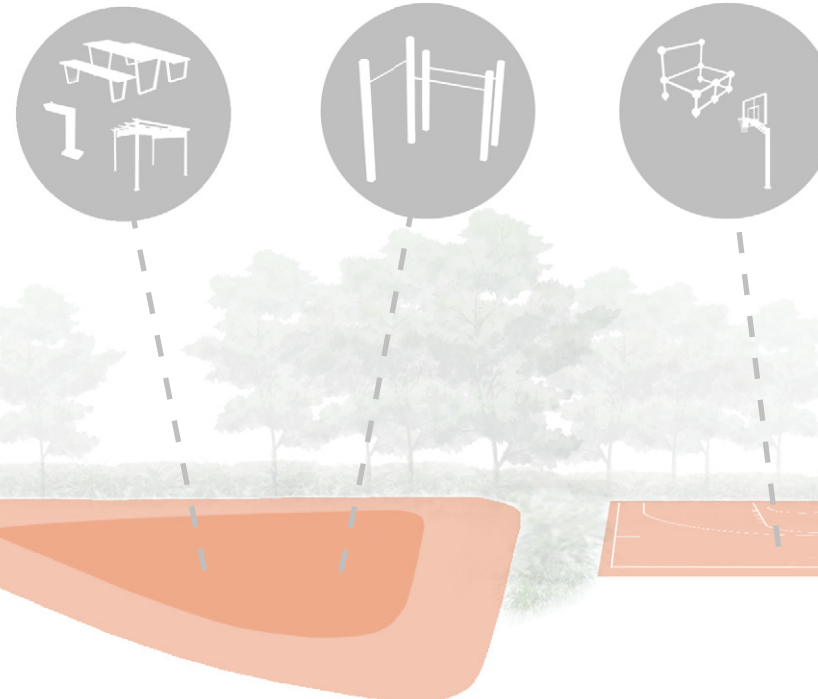
- Picnic Setting**
- 1x picnic setting + bubbler
- Fitness Clusters**
- 3 to 5 fitness equipment pieces



Typical concept layout

Option 1

Option 2



Typical Large Pod

+ Half court

Design Strategy:

- Picnic and Shelter**
- 1 to 2 picnic settings, small shelter
- Large Fitness Hub**
- 6 plus fitness equipment pieces
- Multi-sport Hub**
- 1x Basketball half court or parkour equipment / hit wall



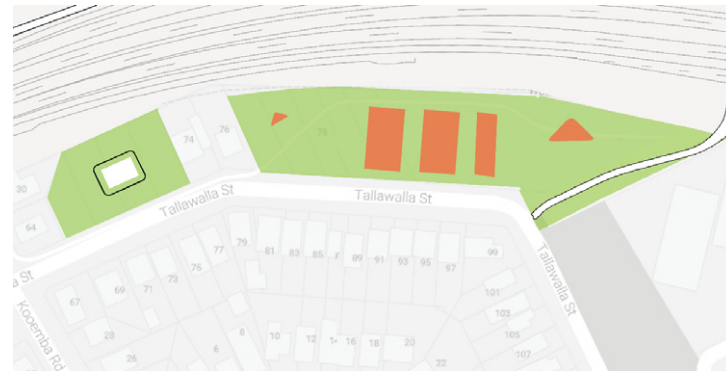
Typical concept layout

Category 6 - Medium Green Spaces - Adjacent Lundy Avenue Underpass, southern side



Artist's Impression only

Category 7 - Existing large Green spaces



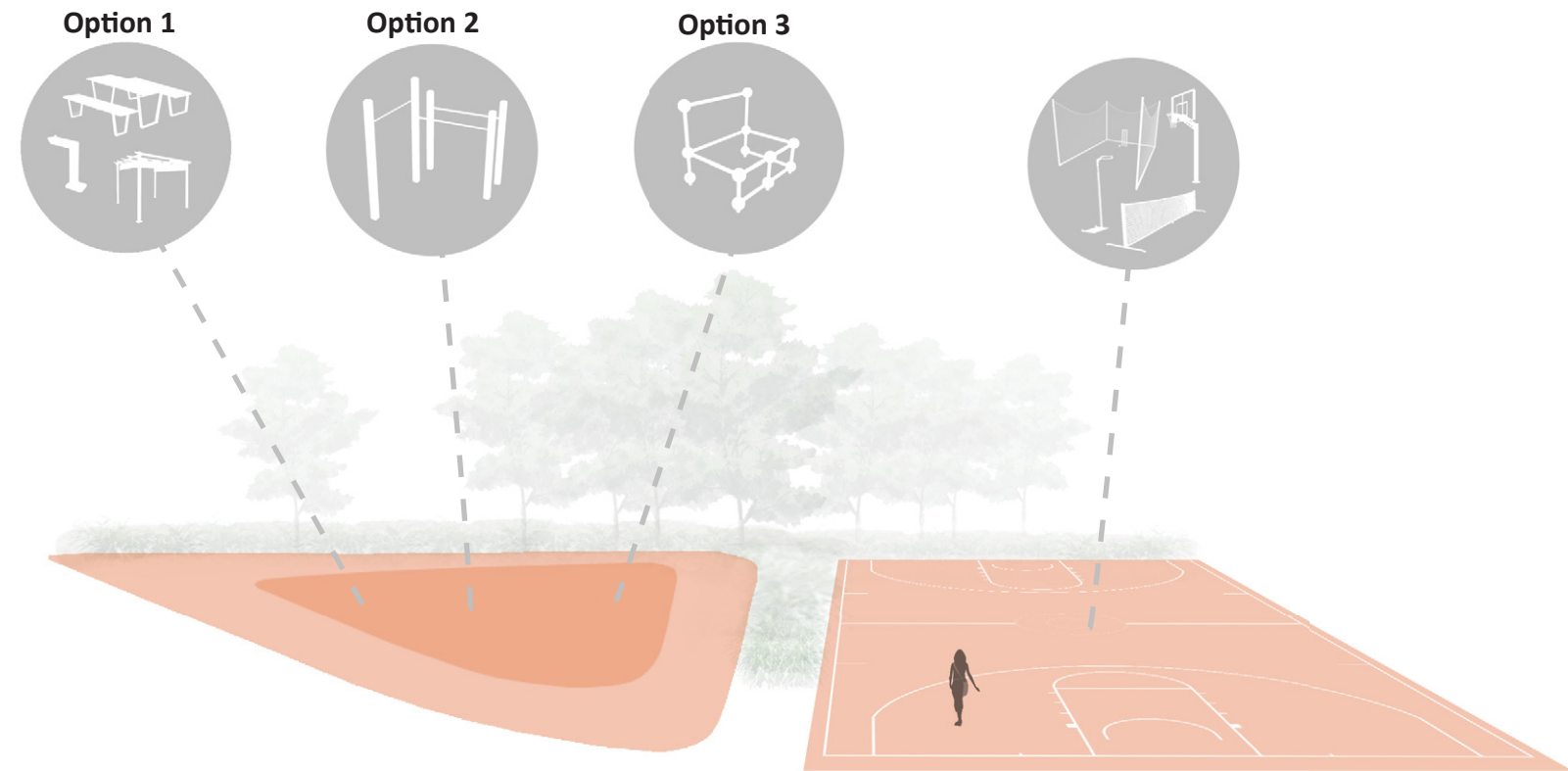
Typical concept layout

Character:

- Typical size 7000 to 15,000m2
- Good public surveillance and connection to roads or path
- Existing mature trees
- Existing recreation e.g. play ground, sports field and amenities used by sporting clubs

Opportunities:

- Large diverse fitness hub
- Basketball half-court
- Linemarking to create additional sporting fields
- Seating and small shelters, bubblers
- BBQs
- Enhanced landscape settings and additional tree planting
- Signage and wayfinding



Typical Large Pod

+ sports fields

Design Strategy:



Picnic and Shelter

- 2x picnic settings, small shelter + bubbler



Large Fitness Hub

- 6 plus fitness equipment pieces



- Parkour equipment



- Sports fields (Junior soccer, futsal, netball, basketball), cricket nets

Category 7 - Large Open Space - Tallawalla Street Reserve



Artist's Impression only

Category 8 - Road intersections



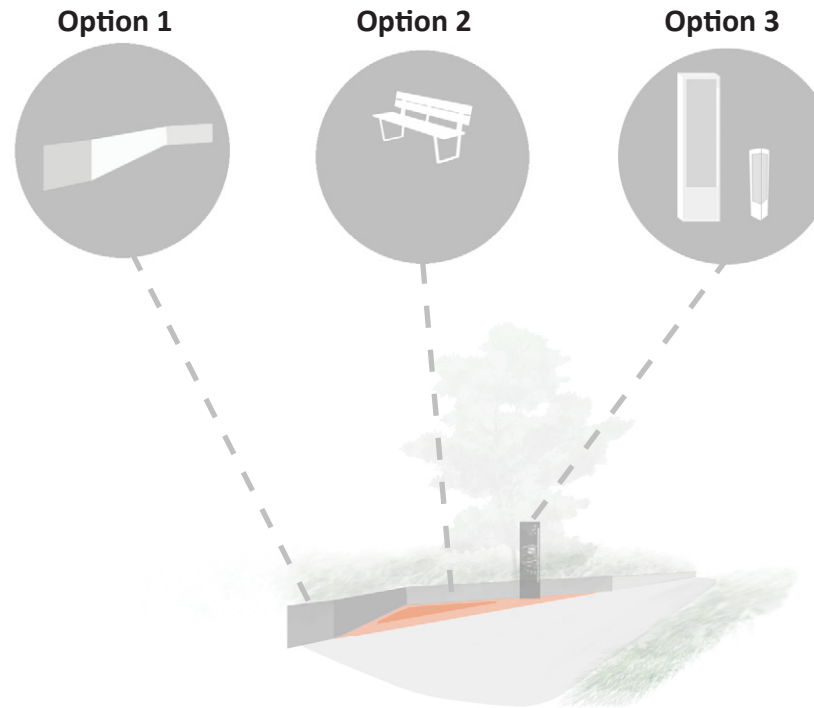
Character:

- Major and minor road junctions and crossings
- Close proximity to major roads
- Create breaks in flow of Linear Park
- Lack of orientation and sense of continuity of Linear Park

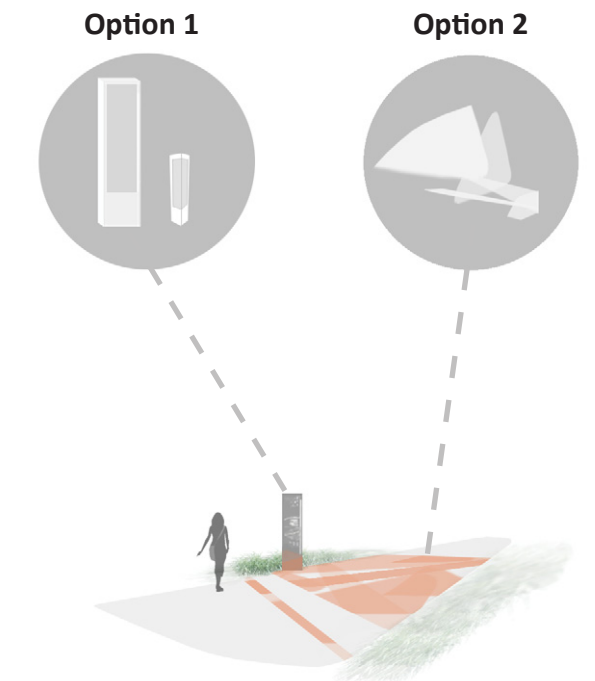
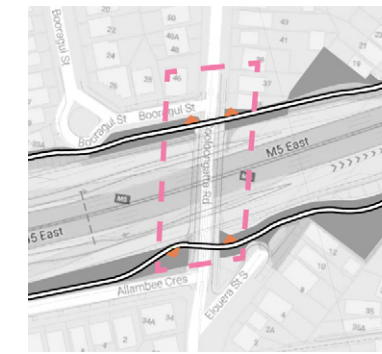
Opportunities:

- Major signage and wayfinding of Linear Park
- Public Art
- Enhanced landscape settings





Major intersection



Secondary intersection



Design Strategy:

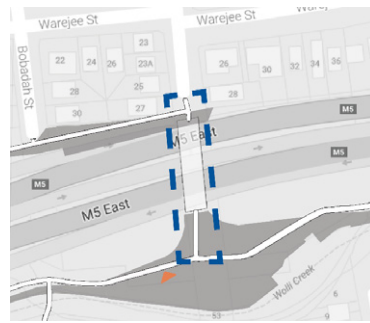
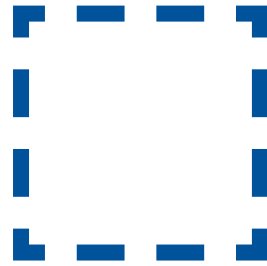
-  - 1x Signage
-  - 1 x Seating wall
-  - 1x Signage
-  - Wayfinding/Art

Category 8 - Road Intersection - Kingsgrove Road intersection, northern side



Artist's Impression only

Category 9 - Underpass crossings and thresholds

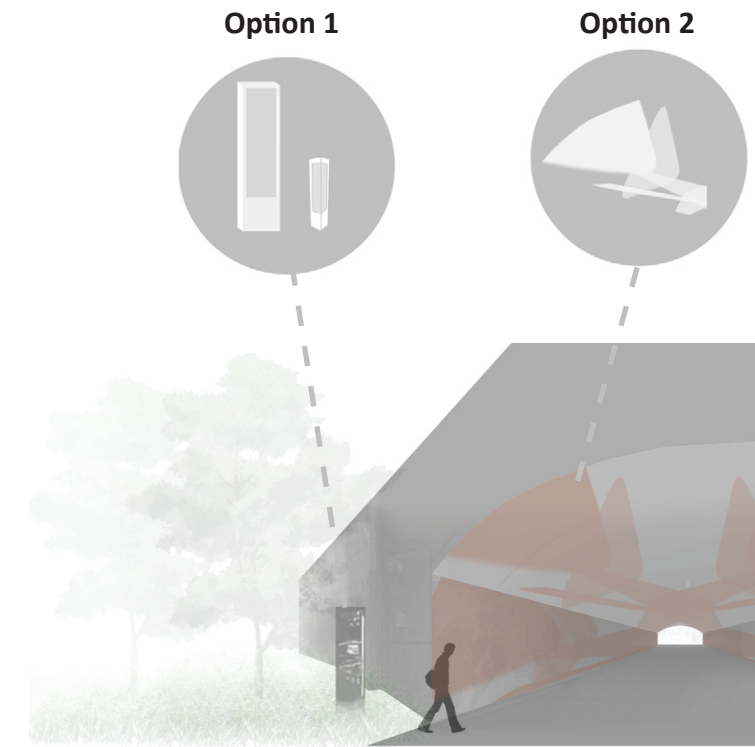


Character:

- Importance in the Linear Park circulation as major connectors
- Lack of identification of Linear Park
- Lack of Wayfinding / orientation
- Existing public art (graffiti)

Opportunities:

- Enhancement of and additional Public Art
- Lighting
- Signage and wayfinding to Linear Park



Design Strategy:



- 1x Signage



- Wayfinding/Art

6.5 Precedents for fitness hubs and parkour equipment

Outdoor Fitness Equipment

Key considerations for installation

- Setting
- Functionality
- Customisation
- Flexibility
- Robustness

Exercise equipment can be arranged as a:

Hub:

- Concentrated in one setting
- Suits many locations particularly where there is no existing path network
- Creates a destination for fitness training and helps to activate underutilised spaces.

Cluster:

- Several areas of equipment
- Groups of equipment but in close proximity
- Benefits- prevents one group dominating the fitness area
- Can minimise visual impact if the groups of equipment are separated

Trail:

- Consists of a number of pieces along a path, track or trail which can be jogged to
- Compliments the exercise routines of walking or jogging e.g Coast Walk
- Bondi to Clovelly
- Can be arranged as a group in a park to provide interest e.g Wentworth Park

Small fitness stations:

- 6 pieces of equipment- no multiples
- Small fitness stations can be incorporated into existing open spaces
- Seem to be more approachable for people of average fitness

Large fitness stations:

- Contain six or more pieces of equipment.
- Provide more than one piece of equipment to enable multiple people to undertake exercise at the same time.
- Needs to be targeted to accommodate a variety of age groups and abilities.

Source: Park Fitness Equipment Plan, City of Sydney website 2016

Green Space

Categories: 5 - Green Space, 6 - Medium Green Spaces, 7 - Large Green Spaces



Multi-Sport potential - Hit-up walls, line marked areas

Fitness/play

Categories: Green Space, 6 - Medium Green Spaces, 7 - Large Green Spaces



Fitness Hub : 1 station

Fitness Cluster: 3-6 stations



Fitness trail: 6 and above stations

Large Fitness hub: Adult Playgrounds/Fitness Courts

6.6 Precedents for shade, park furniture and amenity

Seating



Bubbler



Shelter



6.7 Legibility of M5 Linear Park - wayfinding and signage - Precedents

Art

Categories: 7 - Large Green Spaces, 8 - Road intersections, 9 - Underpass crossings and curtilage



Signage

All categories: Totems and minor directional to identity and major directional



7.0 Design Concept and Plans

The concept for active and passive recreation in the M5 Linear Park is to activate the Park and enhance its usability plus giving it a stronger identity.

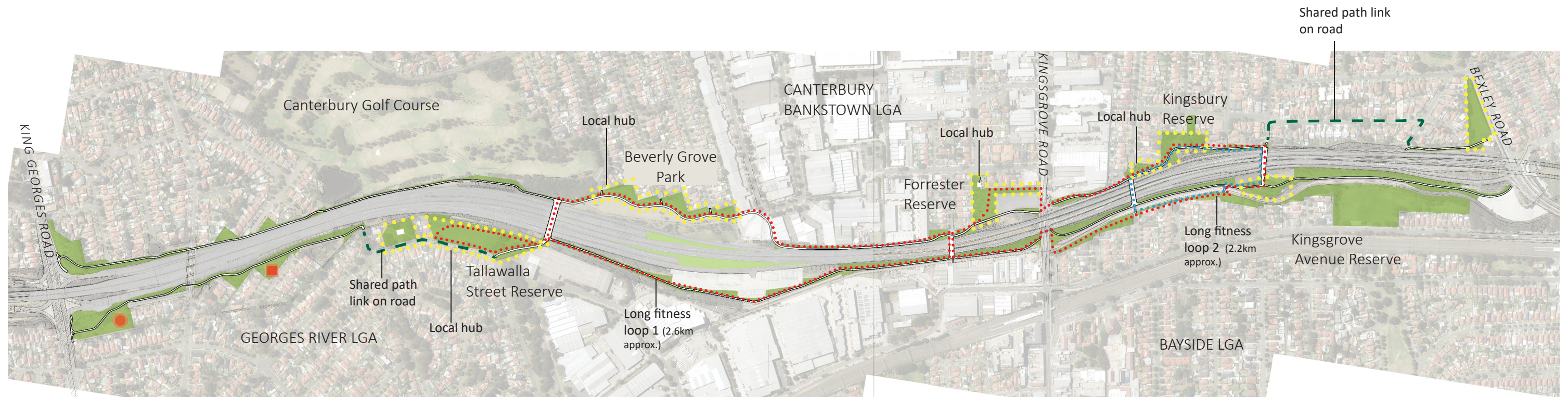
A Fitness Loop Concept (refer plan Figure 7.1) has been developed to link the separate spaces within the corridor and create longer, connected journeys. The concept focuses on pedestrian use of the Park as cyclists will more naturally use the full extent of the corridor. Two longer loops have been identified, one from Lundy Avenue underpass to Karingal Street underpass and another from Karingal Street underpass to Tallawalla Street Reserve with options of doing smaller loops. Additional smaller facilities and wayfinding along the loops enhance the connections.

Five Local hubs (which are Category 4, 5, 6 or 7 areas) have been identified within the M5 Park corridor which will have a focus on active plus passive recreation with additional sportsfields in some areas (Tallawalla Street Reserve). They provide attractive destinations themselves and are linked by the Loop path.

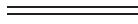






Smaller hubs and passive recreation areas have been added in the western part of the Park where high activity is not appropriate.

A better distribution of facilities within the M5 Linear Park and improved wayfinding encourages a more wholistic use of the Park and its Shared Path. The Concept Plans in Figures 7.2 to 7.5 show the detailed proposed locations and types of active and passive recreation.

7.1 Fitness Loop Concept



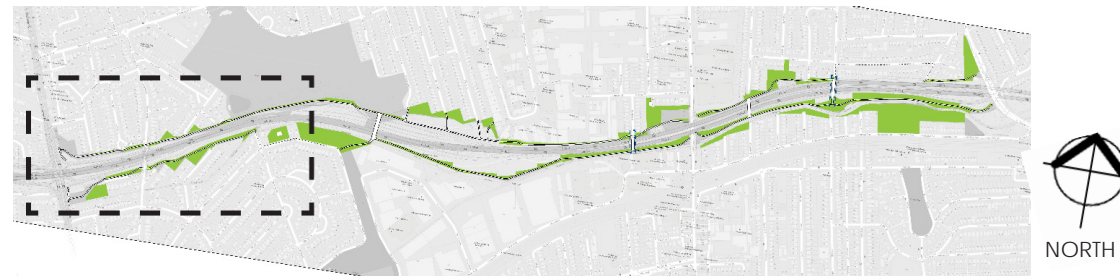
Legend:

-  **Shared path**
-  **Shared path link**
-  **Long fitness loop**
-  **Small fitness loop (650 to 800m approx.)**
-  **Local hub** (Various activities, fitness, clusters, sport, play, skate and passive recreation)
-  **Small (neighbourhood) hub** (fitness and passive recreation)
-  **Passive recreation** (seating only)



NORTH

7.2 Linear Park Concept - Section 1

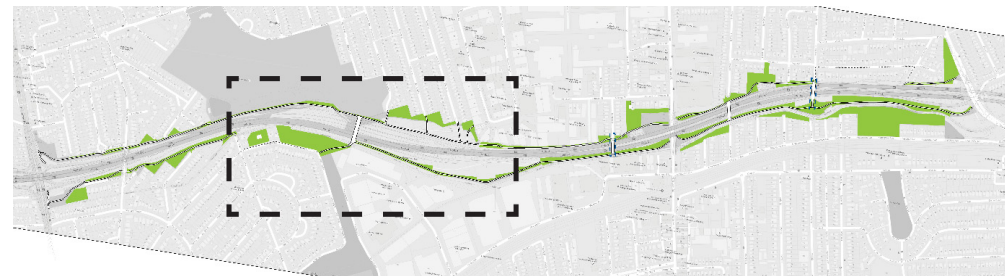


Legend - Proposed facilities







	Major sign		Halfcourt
	Secondary Sign		B - Basketball
	New tree		P - Parkour & Hit-up wall
	Single setting		Sportsfield
	S - Seat		40x60m
	Small pod		
	S - Seating (2x seats)		
	F - Fitness		
	Medium Pod		
	S - Seating		
	F - Fitness		
	Large Pod		
	S - Seating and Shelter		
	F - Fitness		
	B - Bubbler		Proposed new path

Scale 1:2500 at A3

7.3 Linear Park Concept - Section 2



Legend - Proposed facilities

-  Major sign
-  Secondary Sign
-  New tree
-  Single setting
-  Small pod
-  Medium Pod
-  Large Pod
-  Bubbler
-  Halfcourt
B - Basketball
P - Parkour & Hit-up wall
-  Sportsfield
40x60m
-  Street Skate
-  Proposed new path



Scale 1:2500 at A3 0 5 10 20 50 100 250m

7.4 Linear Park Concept - Section 3

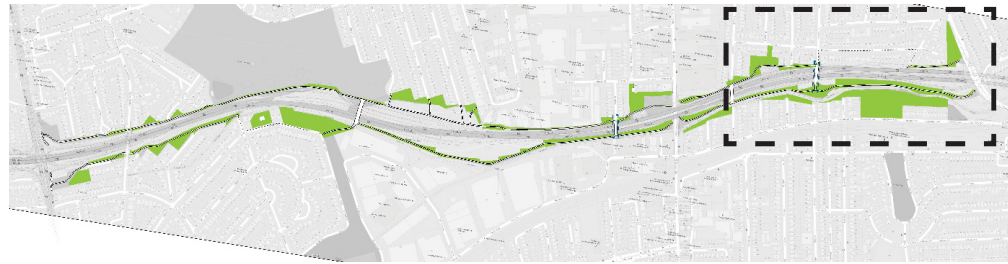


Legend - Proposed facilities



	Major sign		Halfcourt
	Secondary Sign		B - Basketball
	New tree		P - Parkour & Hit-up wall
	Single setting		Sportsfield
	S - Seat		40x60m
	Small pod		
	S - Seating (2x seats)		
	F - Fitness		
	Medium Pod		Street Skate
	S - Seating		
	F - Fitness		
	Large Pod		
	S - Seating and Shelter		
	F - Fitness		
	B - Bubbler		Proposed new path

Scale 1:2500 at A3 0 5 10 20 50 100 250m

7.5 Linear Park Concept - Section 4



Legend - Proposed facilities

-  **Major sign**
-  **Secondary Sign**
-  **New tree**
-  **Single setting**
-  **Small pod**
-  **Medium Pod**
-  **Large Pod**
-  **Bubbler**
-  **Halfcourt**
-  **Sportsfield 40x60m**
-  **Street Skate**
-  **Proposed new path**
-  **B - Basketball**
-  **P - Parkour & Hit-up wall**
-  **S - Seating**
-  **S - Seating (2x seats)**
-  **F - Fitness**

0 5 10 20 50 100 250m Scale 1:2500 at A3

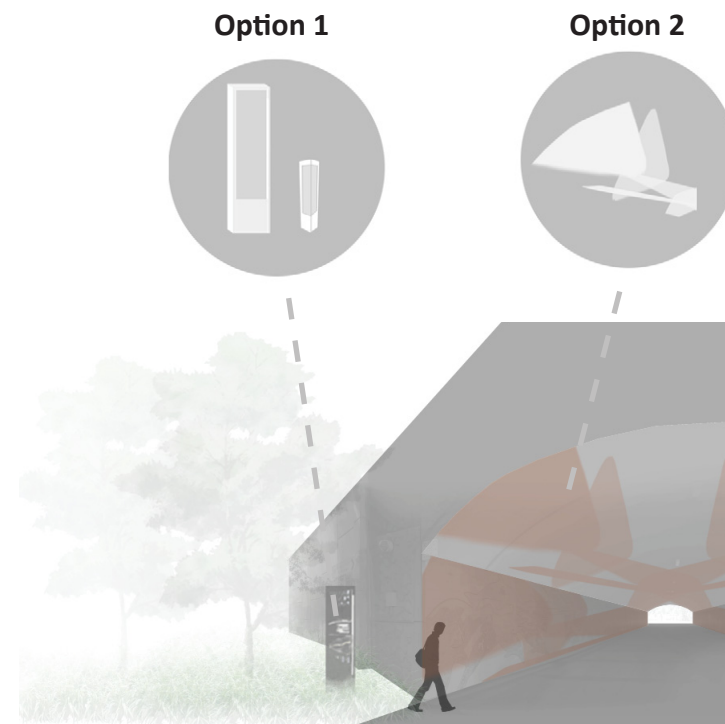
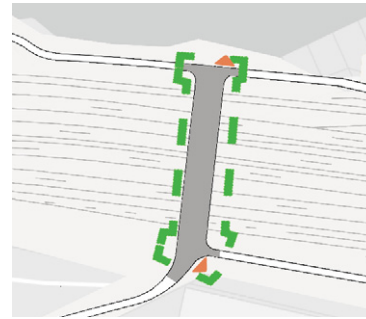
8.0 Kindilan Underpass

Character:

- Lack of identification of Linear Park
- Lack of wayfinding / orientation
- Existing public art (graffiti)

Opportunities:

- Activation of space through provision of enhanced recreation destinations (Tallawalla Street Reserve and Beverly Grove Park) at either end of the underpass resulting in improved safety.
- Sightlines into the newly extended tunnel are being managed through new works to provide overall improvement to sight lines. These will be included in the UDLP.
- The extended Kindilan Underpass will consist of the retained section of underpass, an air space, plus the New M5 extension which also adds a further air space.
- The overall length of the extended underpass will be approximately 75m. Splaying the entrance on the northern side would provide only a marginal improvement to the overall sightline due to the relationship with the length and width of the passage.
- The vertical alignment of the motorway at this location is grade constrained which would require the same thickness of superstructure at the location of the splayed widening. This will introduce a set of central piers into the underpass at the widening, resulting in a further sightline hazard which would negate any marginal benefit from the splayed entrance.
- Lighting and Public Art
Lighting will be installed as part of the underpass extension. In addition, two openings in the new underpass roof section will provide natural light.
Public art in the form of murals or sculptures can be procured in coordination with Council.
- CCTV Enhanced safety-
O and M Contractor will operate CCTV as part of the Motorway operations



Design Strategy:

- 1x Signage
- Wayfinding/Art

8.1 Precedents for Underpass - lighting and public art



9.0 Gateway Concept

Background

Following community consultation for the King Georges Road Upgrade, a decision was made to incorporate public art into the public domain.

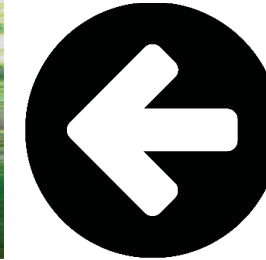
The Gateway Concepts were developed to try and incorporate artistic or graphic ideas into the key entries of the M5 Linear Park at King Georges Road, Kingsgrove Road and Bexley Road. The gateways were intended to be the first stage of a wayfinding strategy which would include directional and informational signage across M5 Linear Park. The design principles for the development of the designs were as follows:

- Visibility- high visibility for cyclists and people to improve wayfinding across intersections
- Identity- helping identify the park as a unique and inviting place
- Communication- communicate the importance of M5 Linear Park with a lively symbol of identity

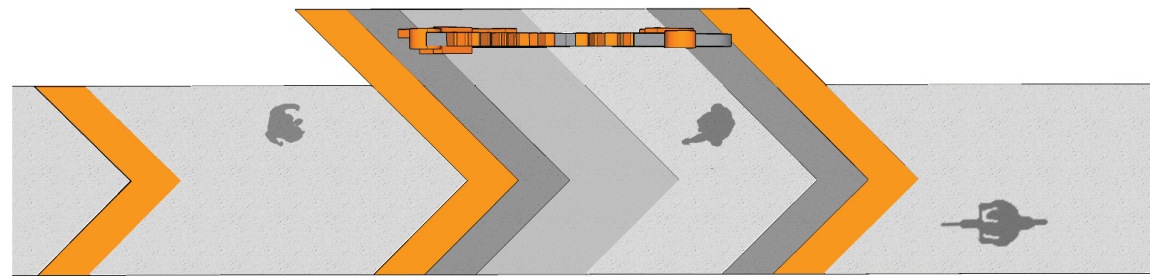
Three gateway concepts were prepared and presented to the community at the SMC consultation on April 11th 2017. The community provided limited response to the concept designs. The concepts were then presented to the three Councils, Canterbury Bankstown, Georges River and Bayside Councils in May/June 2017. No decision was reached on which option was preferred so the gateway ideas have not proceeded.

M5 Linear Park Fitness, Movement and Fun

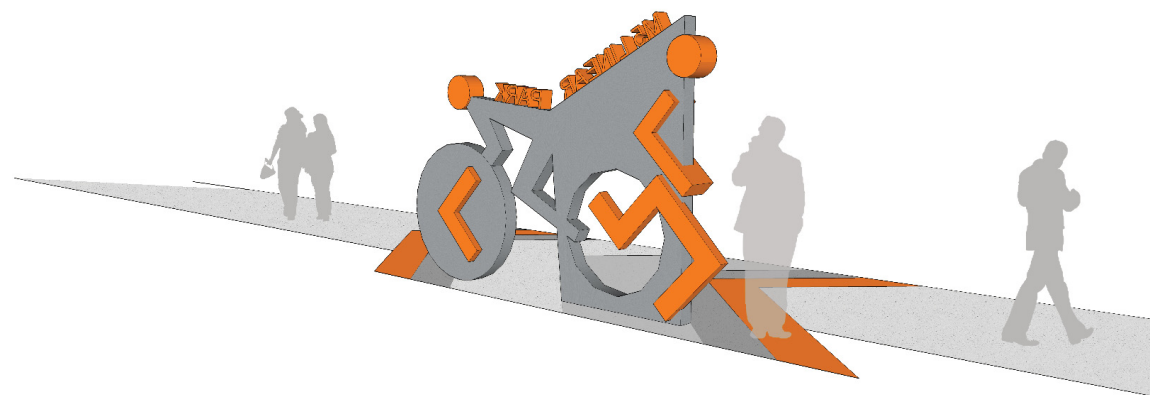
- Celebrate the excitement of cycling, walking and health
- Eye catching, quirky sculpture which can become an icon for the site.
- Appeals to many ages groups



Inspiration images

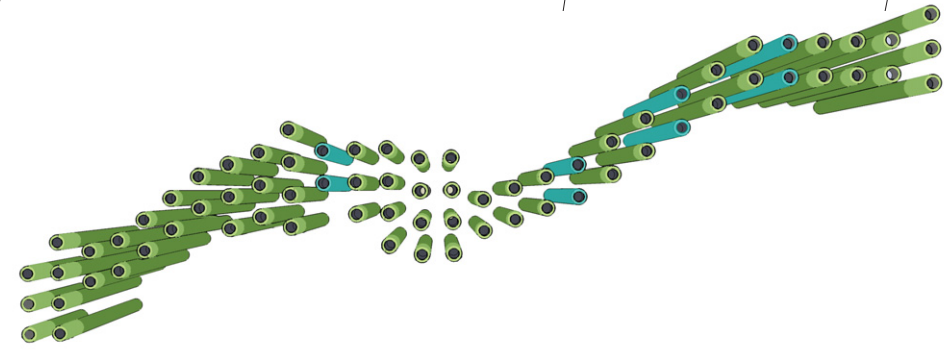
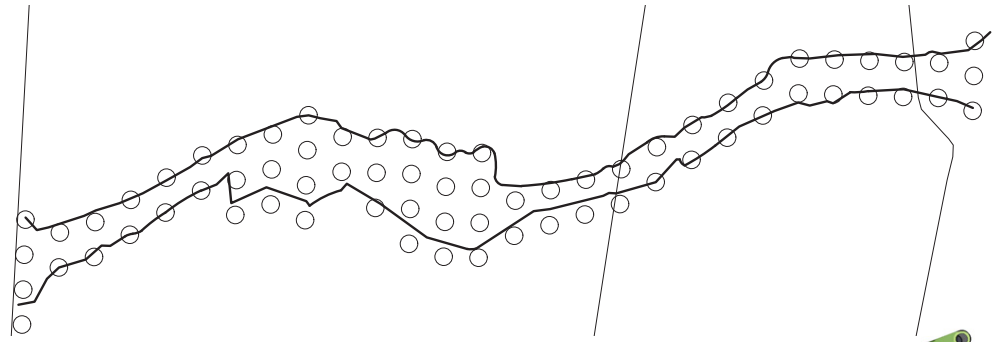


Plan

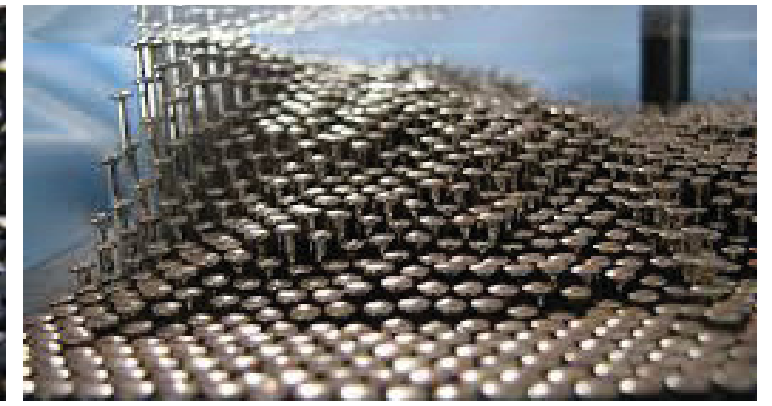
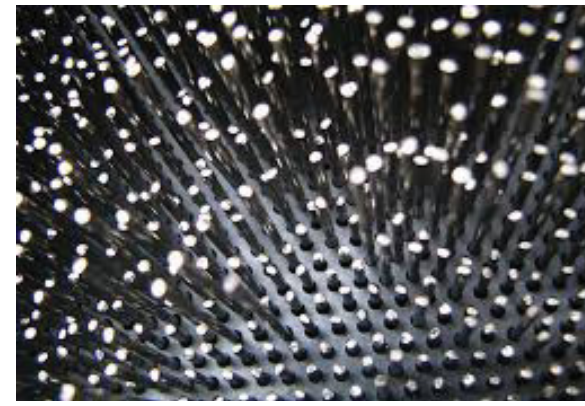
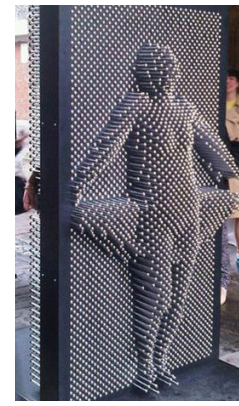
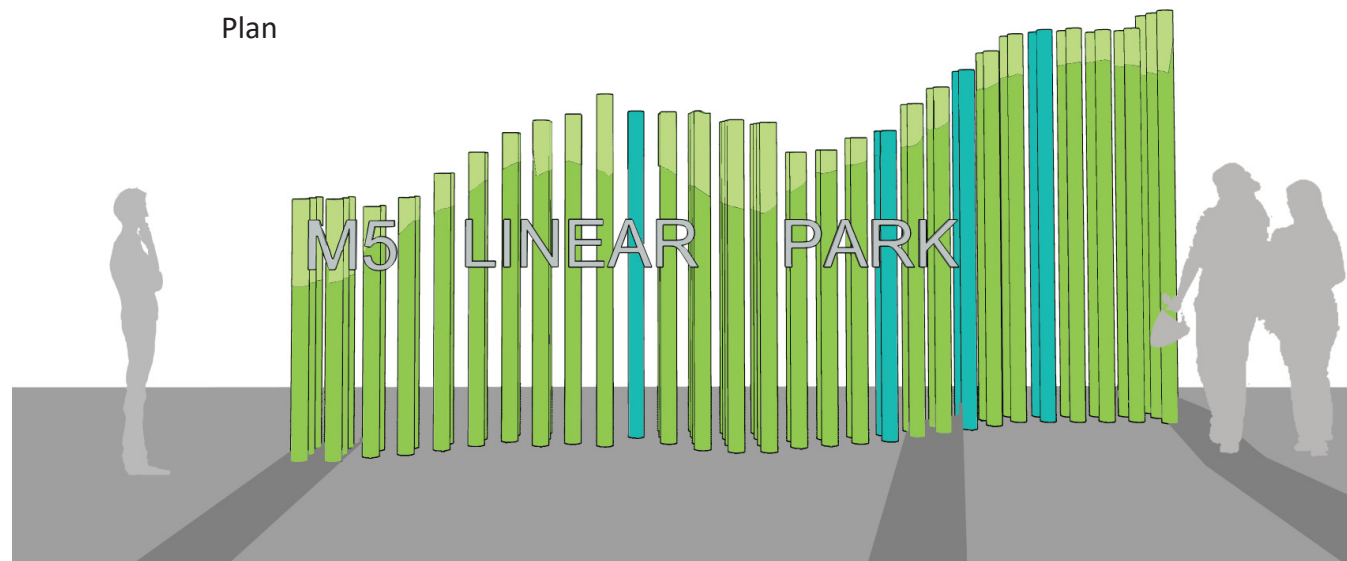


Mapping M5 Linear Park

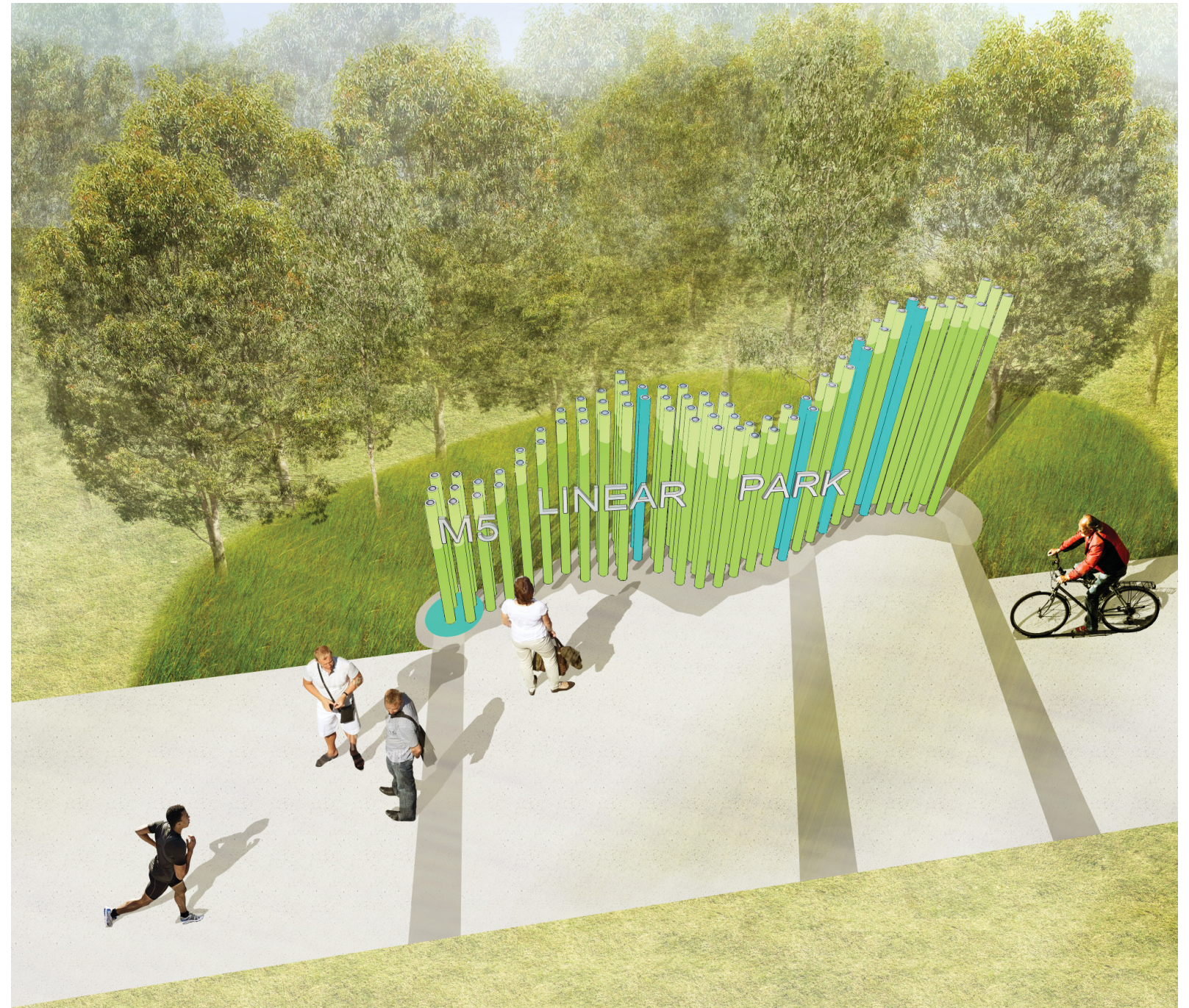
- The curving shape of the M5 Linear Park path alignments creates a strong pattern both on the ground and in elevation.
- The poles form a pattern that extrudes from the ground
- Colourful and varied poles express the pattern.



Plan



Inspiration images

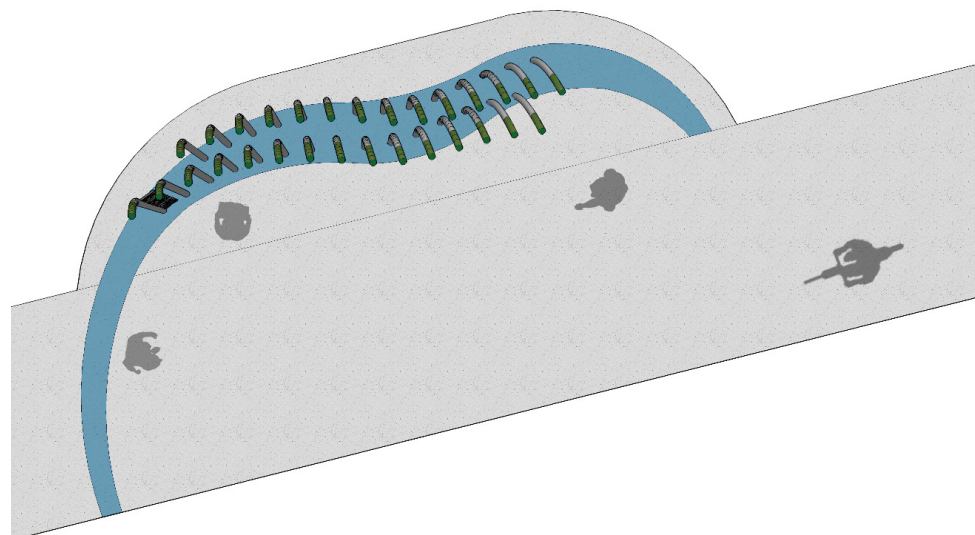


Ebb and Flow - the former creekline

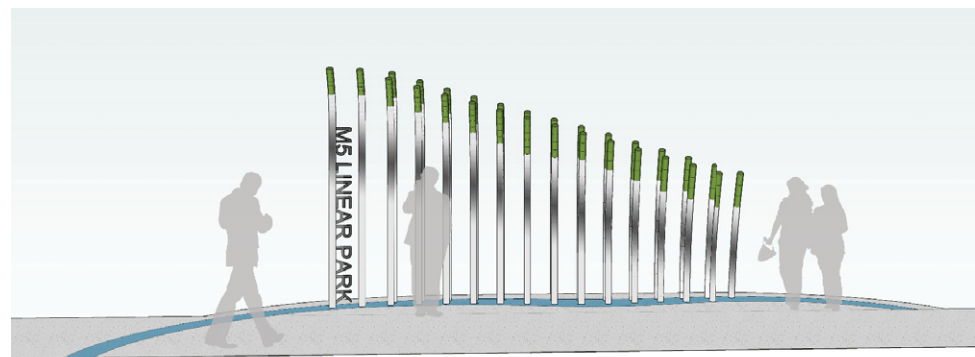
- Wollie Creek originally called Woolly Creek - known for its natural state and tidal fluctuations.
- Edged by 'thick reeds' that move in the wind
- Gateway concept picks up the former alignment of the Wollie Creek and expresses the poles blowing in the wind.



Inspiration images



Plan



10. Detailed Design

Subsequent to the preparation of this sub-plan and interim approval received from DPIE on 27/7/18, RMS has further developed the detailed design for the recreation facilities and wayfinding signage. Refer Appendix 4 for a copy of the detailed design.

The detailed design is consistent with the submitted concept design. Councils have been consulted throughout the detailed design development phase and letters of support have been provided. Refer Appendix 5 for a copy of the letters of support.

Australian Government and NSW Government (2015) *WestConnex Urban Design Report: New M5*. November.

Roads and Maritime Services (2009) *Beyond the Pavement* RMS Urban Design Policy, Procedures and Principles

Canterbury City Council (1995) *Generic Plan of Management for Parks*.

Canterbury City Council (1995) *Generic Plan of Management for Playgrounds*.

Canterbury City Council (1995) *Generic Plan of Management for Undeveloped Community Land Reserved for Future Major Road Construction Associated with the M5 Tollway*.

Canterbury City Council (1996) *Plan of Management for Various Parcels of Community Land*.

Canterbury City Council (2013) *Canterbury Development Contributions Plan 2013*.

Clouston Associates et. al (2010) *Hurstville Open Space, Recreation, Community & Library Facilities Strategy*. Prepared for Hurstville City Council, June.

Clouston Associates (2013) *Canterbury SRP Review and Audit – Final Report*. Prepared for Canterbury City Council, December.

GTA Consultants (2016) *Canterbury Bike Plan 2016: Draft*. Prepared for City of Canterbury, April.

Hurstville City Council (2014) *Youth Strategy*.

Parkland Environmental Planners (2010) *Strategic Recreation Plan*. Prepared for City of Canterbury, March.

Rockdale City Council (2016) *Plan of Management for Community Land and Public Open Space 2016*.

Suter Planners (2014) *Playgrounds and Playspaces Study*. Prepared for City of Canterbury, April.

Suter Planners (2015) *Open Space Needs Review*. Prepared for City of Canterbury, July.

Suter Planners et. al. (2016) *Canterbury Open Space Strategy: Draft for Exhibition*. Prepared for City of Canterbury-Bankstown, November.

Urbis (2015) *Rockdale Open Space and Recreation Needs Analysis: Final Report*. Prepared for Rockdale City Council, May.

ARUP (2016) *Independent Report - Peer Review of New M5 Urban Design* Prepared for DPE

Appendix 1 – RE1 Permissible Zoning

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Appendices - Appendix 1

WCX Stage 2 New M5 - Planning Condition B62D - FINAL M5 Linear Park Enhancement Sub-plan

Land use	Canterbury Local Environmental Plan 2012	Hurstville Local Environmental Plan 2012	Rockdale Local Environmental Plan 2011
Permitted without consent			
Environmental facilities		✓	
Environmental protection works	✓	✓	
Roads		✓	✓
Permitted with consent			
Boat launching ramps	✓		✓
Building identification signs	✓	✓	
Business identification signs	✓	✓	
Car parks	✓		
Child care centres	✓	✓	✓
Community facilities	✓	✓	✓
Environmental facilities	✓		✓
Environmental protection works			✓
Flood mitigation works	✓		
Information & educational facilities	✓	✓	
Jetties	✓		✓
Kiosks	✓	✓	✓
Markets	✓	✓	
Recreation areas	✓	✓	✓
Recreation facilities (indoor)	✓	✓	✓
Recreation facilities (major)	✓		✓
Recreation facilities (outdoor)	✓	✓	✓
Research stations	✓		
Respite day care centres	✓	✓	✓
Restaurants or cafes	✓	✓	
Roads	✓		
Sewerage systems	✓		
Signage			✓
Water recreation structures	✓		
Water supply systems	✓		✓

Appendix 2 – Consultation Summary & meeting minutes

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Appendices - Appendix 2

WCX Stage 2 New M5 - Planning Condition B62D - FINAL M5 Linear Park Enhancement Sub-plan



Appendix 2 - Consultation Summary

Documentation provided for Review / Discussion:	Initial consultation - No documentation provided	UDRP Presentation pack and Draft B62D Concept Design provided to Councils at meeting	Draft B62D sub-plan Rev 20170330 available to public via WCX website with main UDLP documentation between 1 April 2017 to 30 April 2019	Draft B62D Concept Design Rev 20170330 presented to Councils & specific questionnaire issued after meeting.	Final B62D Concept Design provided to Councils on 2 June 17 for final acceptance. Refer Appendix 2 for copies of Council written acceptance of Concept Design	Final B62D Concept Design and Sub-plan provided to Councils on 30 August 17 for final acceptance. Refer Appendix 3 for copies of Council written acceptance of Draft Sub-plan.	Final B62D Detailed Design provided to Councils on 7 June 19 for final acceptance. Refer Appendix 5 for copies of Council written acceptance of Detailed Design
Stakeholder:							
Canterbury Bankstown Council	Meeting to discuss Councils preferences & existing recreational facility shortfalls held on December 1st 2016 (meeting minutes follow this appendix)	Council attendance at UDRP meeting February 17th 2017	Written response received 28 April 17 and additional comments 23 May 17	Joint Meeting to review draft concept designs May 12th 2017. Response to questionnaire received 24 May 17	Written acceptance of Final Concept Design received via email 9 June 17	Written acceptance of Final Concept Design and sub-plan submission received 4 May 2018	Written acceptance of Final Detailed Design received 19 August 2019
Bayside Council	Meeting to discuss Councils preferences & existing recreational facility shortfalls held on November 28th 2016 (Meeting minutes follow this appendix)	Council attendance at UDRP meeting February 17th 2017	Comments received via public consultation comments	Joint Meeting to review draft concept designs May 12th 2017. Response to questionnaire received 24 May 17	Written acceptance of Final Concept Design received via email 14 June 17	Written acceptance of Final Concept Design and sub-plan submission received 27 April 2018	Written acceptance of Final Detailed Design received 28 June 2019
Georges River Council	Meeting to discuss Councils preferences & existing recreational facility shortfalls held on December 1st 2016 (Meeting minutes follow this appendix)	Council attendance at UDRP meeting February 17th 2017	No comments received	Joint Meeting to review draft concept designs May 12th 2017. Response to questionnaire received 19 May 17	Written acceptance of Final Concept Design received 14 June 17	Written acceptance of Final Concept Design and sub-plan submission received 19 April 2018	Written acceptance of Final Detailed Design received 3 July 2019
Beverly Hills North Progress Association and Kingsgrove North Progress Association	Meeting on 19th January 2017 (Meeting minutes follow this appendix)		Additional comments received with public consultation comments				
2nd Beverly Hills Scout Group	Telephone meeting on 8th February 2017 (Meeting minutes follow this appendix)		Additional comments received with public consultation comments				
Bexley North Football Club	Telephone meeting on December 4th 2016 (Meeting minutes follow this appendix)		Additional comments received with public consultation comments				
New M5 Urban Design Review Panel		Presentation of draft concept design 17th February 2017	Comments received from UDRP				
Public			Public Consultation comments received				

Appendix 2 – Meeting minutes



WCX Stage 2 New M5 - Planning Condition B62D

M5 Linear Park Enhancement

Meeting with Canterbury-Bankstown Council

Thursday 1 December 2016 3pm - 4pm

Bankstown Civic Tower

66-72 Rickard Road

Bankstown

Attendees

Rene Chau	Canterbury Bankstown Council
Lisa Ivcevic	Canterbury Bankstown Council
Sean Mooney	Canterbury Bankstown Council
Emily Forrest	Canterbury Bankstown Council
Grant Sutton	Roads and Maritime Services
Julie Marler	Phillips Marler
Viola Haub	Phillips Marler
Sandy Hoy	Parkland Planners

Summary of Discussion

<p>Study methodology</p> <ul style="list-style-type: none">• Project in its first phase of research and communication with base plans prepared for consultation.• Study is B62D - a sub plan prepared as part of a planning condition• RMS consulting with Bayside, Georges River and Canterbury Bankstown• Issues to be collated and formed into a draft plan for discussion with Urban Design Review Panel in early 2017 (Emily Forrest is Council's representative but other Council officers can be included)	Noted
<p>Existing Council policies</p> <ul style="list-style-type: none">• Council noted that existing policies are still being reviewed post amalgamation to develop policies reflective of both former LGA policies.	Noted for inclusion in sub plan research sections.

<ul style="list-style-type: none"> • The Canterbury Playgrounds and Play Study 2014 assessed that Kingsgrove had sufficient play spaces but not take into account barriers such as main roads. <p>Current status of local recreational facilities close to M5 Linear Park</p> <ul style="list-style-type: none"> • Beverley Hills - no gap in provision of playgrounds • Kingsgrove Park - No gap in supply of playgrounds • Smith Park in Kingsgrove (south of the rail line) is a good example of a local park, with play equipment, two courts. • Clemton Park has 7 sealed and 5 grass netball courts. NOTE: Need for courts in Forrester Reserve questioned, because Council has received requests to convert netball courts in Clemton Park to multi-use courts. • Forrester Reserve. High quality local playground installed recently. • User groups North Beverly Hills Progress Association 	
<p>Discussion and recreation potential</p> <ul style="list-style-type: none"> • A vision for M5 Linear Park should be a regional trail with a series of local parks and smaller recreational hubs. • Local residents are wanting the leftover ‘triangles’ of land to be improved. • 27-31 Garema Ct - land use after construction. Local residents seeking a response. 	<ul style="list-style-type: none"> • Noted • RMS confirming that the water quality pond is permanent motorway infrastructure (settlement pond) and will not be available for public access or recreation.

<ul style="list-style-type: none"> • RMS to clarify extent of noise mounds which could provide opportunity for open space recreation in the Beverly Grove Park area if the size is maintained • Kingsgrove Road/Forrester Reserve RMS site – This site to be considered for transfer to Council to confer on possible uses . • Kingsbury Reserve – may include seating and play equipment in addition to rain garden being constructed. • Fitness stations along smaller sites - with some senior suitable equipment preferred. Fitness stations could be considered close to playspaces and include equipment for seniors. • Consider ‘hit-up walls’ along the path <p>Kindilan Underpass</p> <ul style="list-style-type: none"> • CCTV monitoring can be considered of the underpass can be linked to SMC monitoring. • Note: Council do provide 24/7 staffed monitoring and surveillance currently • Council request a detailed risk assessment to determine best policy for security measures • Artwork creation: Council would prefer an arts planner be chosen to help with appropriate art at this location. <p>Cycle Path Links</p> <ul style="list-style-type: none"> • Urban Enhancement and bike provision of upgrades West of King Georges River Road to be considered for the plan. <p>Passive recreation</p> <ul style="list-style-type: none"> • Seating for workers in factories can be considered • Local residents expecting works at Beverly Grove Park to include amenity and seating <p>Tree Planting</p> <ul style="list-style-type: none"> • additional trees to off-set tree loss along the corridor should be considered as part of the design of the recreational sites. 	<ul style="list-style-type: none"> • RMS to confirm transfer potential • Council to consider possible uses for the Forrester Road site <p>RMS to confirm</p> <p>RMS to confirm inclusion</p> <p>Noted and will be considered as part of sub-plan</p> <p>Noted and will be considered as part of the sub-plan</p>
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Additional Information required

- Beverly Hills Progress Association submission to RMS
- Grant to provide to Phillips Marler team
- Sean Mooney to provide contact details for Beverly Hills Progress Association and provide to Phillips Marler team
- Council to provide Phillips Marler team with contacts with any additional community groups

- **RMS to provide by 9/2/16**

- **Council to kindly provide by 9/12/16**

- **Council to kindly provide by 9/12/16**



WCX Stage 2 New M5 - Planning Condition B62D

M5 Linear Park Enhancement

Meeting with Bayside Council

Monday 28 November

2pm – 3pm

Fiona MacColl	Bayside Council
Contessa Hajinikitas	Bayside Council
Alexandra Vandine	Bayside Council
Cheryl Brady	Bayside Council
Grant Sutton	Roads and Maritime Services
Julie Marler	Phillips Marler
Viola Haub	Phillips Marler
Sandy Hoy	Parkland Planners

Minutes - Discussion and Actions

Issue and Discussion	Action
<p>Study methodology</p> <ul style="list-style-type: none"> • Project in its first phase of research and communication with base plans prepared for consultation. • Study is B62D - a sub plan prepared as part of a planning condition • RMS consulting with Bayside, Georges River and Canterbury Bankstown • Issues to be collated and formed into a draft plan for discussion with Urban Design Review Panel in early 2017 . Council to nominate officers to be on this panel 	<p>Noted</p>
<p>Open space and recreation needs in the LGA and in suburbs adjoining the M5 Linear Park</p> <ul style="list-style-type: none"> • Generally, a lack of picnic facilities along the Bexley • North Corridor - lack of fitness equipment - Council has provided fitness facilities at Lady Robinson Beach • Café facilities would be preferred • Additional seating required • Need to strengthen connections between open space areas adjacent and the M5 Linear Park. 	<p>Outline of Council policies to be in the draft sub-plan</p>

<p>Discussion:</p> <p>Recreation Opportunities</p> <ul style="list-style-type: none"> • Half-basketball courts • Fitness equipment based on a circuit • New and upgraded cricket nets • Bike learning centre • Playground at Kingsgrove Avenue Reserve • Young people asking for parkour and skate facilities • Provide seating, shade and bubblers along the route <p>Links and wayfinding to existing green spaces</p> <ul style="list-style-type: none"> • Improve walking and cycling links between hubs of sportsfields, commercial areas of Bexley and Kingsgrove shops and to Wollie Creek and paths to the east • Cycle and pedestrian path should be wide enough for a shared path according to park guidelines avoiding pinch points • Install in ground counters on pedestrians paths. • Additional planting to link with biodiversity corridors • Signposting is inadequate. Improve welcoming and directional signage according to Council's signage suite. <ul style="list-style-type: none"> • Lighting – review lighting - the path should be well-lit 	<p>All noted for consideration in the preparation of draft sub-plan</p>
<p>Additional information required</p> <ul style="list-style-type: none"> • Signage suite - relevant details • Land ownership maps • Additional names and contacts of users to Kingsgrove Avenue Reserve to Sandy 	<p>Fiona McColl Fiona issued on November 28th Cheryl Brady to kindly issue by 9/12/16</p>



WCX Stage 2 New M5 - Planning Condition B62

M5 Linear Park Enhancement

Meeting with Georges River Council

Thursday 1 December 2016 1pm -2:30pm

Attendees:

Rob Casey	Georges River Council
Glen Moody	Georges River Council
Grant Sutton	Roads and Maritime Services
Julie Marler (to chair the meeting)	Phillips Marler
Viola Haub	Phillips Marler
Sandy Hoy	Parkland Planners

Minutes - Issues and Actions arising

Issues	Actions
Study methodology <ul style="list-style-type: none">• Project in its first phase of research and communication with base plans prepared for consultation.• Study is B62D - a sub plan prepared as part of a planning condition• RMS consulting with Bayside, Georges River and Canterbury Bankstown• Issues to be collated and formed into a draft plan for discussion with Urban Design Review Panel in early 2017 . Council to nominate officers to be on this panel	Noted
Plans of Management for M5 Linear Park Council lands <ul style="list-style-type: none">• Significant area Plans of Management do not apply to any parks and reserves in the M5 Linear Park Corridor. Generic Plans of Management apply to smaller reserves	Noted

<p>Existing facilities close to M5 Linear Park</p> <ul style="list-style-type: none"> • Cricket practice nets at Beverly Hills Park are popular. • Council has recently installed basketball courts at Evatt Park in Lugarno and at Peakhurst Park (new). Both locations are multi-purpose netball and basketball and very popular. • Council has converted netball courts to basketball courts to reflect demand. • Schools use grass netball courts in the reserve at Tallawalla Street. • A cluster of seniors fitness equipment is in Woodville Park in Hurstville. 	<p>All noted for inclusion in sub-plan research section</p>
<p>Discussion for new recreational opportunities</p> <ul style="list-style-type: none"> • Park not a regional destination. • The M5 Linear Park is an underutilised open space and quiet in areas for passive recreation. • Demand for indoor basketball stadium – Council is looking for an industrial area for a site • Demand for any form of basketball courts, particularly half-courts. • Opportunity for half basket ball courts Open space triangle adjacent to Kindilan Underpass south portal • Fitness equipment as part of a circuit should be considered. • Small shelters with a seat are desirable. Choice of location should consider residential areas and young people gathering • Stretching on seats and picnic tables is common <p>Links and Wayfinding</p> <ul style="list-style-type: none"> • Links to be created from M5 Linear Park to Gannons Park (4 km) and Olds Park (1 km). 	<p>All requests to be considered for sub-plan development</p>

<ul style="list-style-type: none"> • Provide bike path linking with existing and proposed cycle routes. • Wayfinding, branding and signage is required. 	
<ul style="list-style-type: none"> • Chris to provide names and contact details of any groups who have an interest in the M5 Linear Park open spaces • Sandy to contact interested groups • Chris to confirm any use of Tallawalla Street open space by sporting groups • Chris to provide names and contact details of schools which use Tallawalla Street open space. • Sandy to contact schools to find out if they are happy with grass netball courts/goalposts or whether they want sealed full sized courts 	<p>Chris to kindly provide by 9/12/16</p>



WCX Stage 2 New M5 - Planning Condition B62D

M5 Linear Park Enhancement

Meeting with Beverly Hills Progress Association and Kingsgrove North Progress Association Chairpersons.

Venue: 8 Elouera Street, Beverly Hills

Time: 10.30am January 19th 2017

Attendees and Distribution

John English	Chairperson Beverly Hills North Progress Association
Steve Castle	Chairperson Kingsgrove North Progress Association
Julie Marler	Phillips Marler
Viola Haub	Phillips Marler
Sandy Hoy	Parkland Planners
Amber (White) Harding	Roads and Maritime Services

Minutes

<p>Summary of Discussion</p> <p>-JM explained the project and the particular issues relating to Condition B62D which need to be fulfilled.</p>	<p>Notes and additional information as tabled in further email responses.</p>
<p>Noise Mound Issue</p> <p>-JM explained that this project will work around the noise mound/wall design and provide whatever amenity is possible in the space left over.</p> <p>- AH explained that SMC will provide the communication to the community on the noise mound decision as per due process</p>	<p>BHNPA and KNPA to liaise with SMC</p>
<p>Detention Basin at Garema Circuit -</p> <p>SC explained that KNPA are not keen to have a wet detention basis as will attract mosquitos - a dry basin is preferred.</p>	<p>AH to discuss this with SMC as part of finalisation of detention basin design at this location.</p>
<p>BHNPA survey on fitness equipment JE explained to SH the detail of the survey , questions posed and number of respondents.</p>	<p>All noted - detail of this community consultation to be discussed and included in the sub-plan -</p>

<p>JE confirmed that whilst he prepared a drawing to accompany the survey findings - the types and location location of fitness equipment and park furniture be left to Phillips Marler to include in the final sub-plan</p>	
<p>Open Space Equipment – general discussion</p> <ul style="list-style-type: none"> - M5 Linear Park already has some gym equipment but limited in variety and very sporadic along the cycleway -JM explained the open space types and areas which can accommodate fitness equipment and the clusters and hubs of equipment available. Concerns about proximity to residences was considered. -JE and SC generally agreed with the proposals and suggested some good examples of fitness equipment such as the Cook River fitness trail at Strathfield end of the Cooks River and at Frenchmans Bay in La Perouse. - SC and JE noted that fitness equipment should be located on the M5 side of the Wolli Creek Canal to improve access. -JE added Students at Regina Coeli Primary School at Kingsgrove may use the grass netball courts in Tallawalla Reserve. - JE mentioned that Fustal is very popular in the area and Futsal is being played at Vanessa Street courts in Beverly Hill. Dog Park is popular. - Bexley North Football Club use Kingsgrove Reserve for football fields (Noted SH has already consulted with this group.) - In larger open spaces consider fitness equipment as complimentary to existing playspaces e.g. Tallawalla Park East and West - Parkour equipment can also be included in the fitness equipment areas. Generally supported. - Consider additional path connections between one area of fitness equipment and existing play equipment for example a path between Beverly Hills Park and Tallawalla Reserve so people can avoid walking on Tallawalla Street would make a highly valuable 	<p>All items generally discussed and supported by JE and SC and will be considered in the sub-plan</p> <p>PM team to review fitness examples.</p> <p>NB JE has confirmed 20/1/17 that the RC Primary School does not uses Tallawalla Reserve leaving no current users for this reserve and an opportunity for enhancement.</p> <p>JE also suggested (email 21/1/17) that the half soccer field in Beverly Hills Park good example - could be considered for Tallawalla Reserve East and West.</p> <p>Noted for consideration for sub-plan</p>

<p>connection between green spaces and community facilities</p> <ul style="list-style-type: none"> - Consider a possible children's cycle path at Forresters Reserve to compliment the existing playspace. N.B a good example at Heffron Park in Maroubra. 	
<p>Identity and Signage</p> <ul style="list-style-type: none"> -The inconsistent naming of open spaces in the M5 Linear Park is confusing. - M5 Linear Park generally lacks signage both directional and informational. - The project will be making recommendations that the identity should be enhanced through a signage suite that helps navigate visitors to the activity hubs 	Will be included in the sub-plan
<p>Seating</p> <ul style="list-style-type: none"> -Seating and shade structures to be used by all the community including seniors allowing them to rest on the way. -Bubblers to also be included 	Will be included in the sub plan
<p>Basketball Courts - half basketball courts would benefit the community in the M5 Linear Park</p> <ul style="list-style-type: none"> -SC commented that the location of half courts should be in 'already noisy' settings and away from residences -JM and JE suggested that possible good locations could be Forrester Reserve and Tallawalla Reserve East and West 	Will be considered in the sub-plan
<p>Lighting along M5 Linear Path –</p> <p>JM asked AH whether lighting was being considered as part of the B50 condition.</p>	AH to check on inclusions on lighting in other conditions including B50 and B51
<p>Graffiti and illegal motorbike use</p>	Noted – Councils could install barriers to prevent access. Sub-plan to include recommendation to Councils?
<p>Community Review and liaison</p> <p>JE and SC suggested that the community review sub-plans before finalisation</p> <p>SC mentioned in Email 20/1/17 that the community review should include hard and soft landscape i.e. the sub-plan and how it fits with the overall UDLP when final community comments are sought. SC will follow this up with SMC communications team.</p>	Noted and RMS to discuss with relevant Councils and SMC on the implementation of sub-plan and co-ordination with UDLP
<p>Meeting closed</p>	11.45pm

Notes from telephone conversation

Michael Budge

2nd Beverly Hills Scouts

8 February 2017

The 2nd Beverly Hills Scout hall is in Tallawalla Reserve (east) in Beverly Hills. The hall adjoins the Wolli Creek canal at the northern end of Kooemba Road.

The hall is used for Scout activities 2 nights a week and once every second weekend.

The scout troop caters for young people 14 years and over.

The Scouts have recently renovated the building, including a new roof, redoing bathrooms and the floor, and upgrading the sewer.

Few other groups use the building.

A storage building for the Scouts opens on to the park.

The playground in Tallawalla Reserve is great for kids. Parents take their young children to play at the playground after they have dropped off their older children at school.

Council has designated the park as not suitable for fitness trainers and groups because they tend to dominate the park and impact on the childrens' activities.

The proposed new/upgraded facilities (cycleway, fitness equipment etc.) would be great along the shared path route, but not in the grassed area near the Scout hall because they would impact on the Scout activities on the grassed area east of the Scout hall.

The proposed fitness equipment in particular would be supported if it was part of a fitness trail, and because scout organisers can incorporate the facilities into Scout activities such as compass work.

They would support a safe cycleway which takes riders to destinations.

Carlo Marsano
President
Bexley North Football Club
0434 651 891
president@bexleynorthfc.com.au

re Kingsgrove Avenue Reserve
14 December 2016

Bexley North FC was formed in the 1960s.
In 2016 the club has 625 members ranging from 6 years old to adult men and women.

Members generally live south of the M5, but many members live on the Canterbury-Bankstown side.

Most players and parents drive or walk to Kingsgrove Avenue Reserve. It is central to the majority of members.

Kingsgrove Avenue Reserve is the club's home ground. It is configured as:

- One full-sized main field (100m x 70m)
- One mini field (40m x 30m)
- One small-sided field (30m x 20m)

The club would like to have access to a midi field (60m x 40m) so all age groups can be catered for. They could also use another small-sided field (30m x 20m). Any additional fields would ideally be located near Kingsgrove Road Reserve.

There are not many options for new football fields in the area. The club has looked at using Gilchrist Park to the south of Kingsgrove Avenue Reserve. [junior cricket wicket, not much space for football]

Actions:

- PM to investigate if sufficient space for junior football in the M5 Linear Park (60m x 40m and/or 30m x 20m) close to Kingsgrove Avenue Reserve
- If so, All to discuss if football use of this space is possible/desirable
- Sandy to contact Carlo

Julie Marler

From: Irene Chan <Irene.Chan@bayside.nsw.gov.au>
Sent: Thursday, 25 May 2017 3:59 PM
To: 'julie@phillipsmarler.com.au'
Subject: FW: New M5 – Urban Design and Landscape Plan Feedback

Kind regards



Irene Chan Urban Designer (Available Wednesday, Thursday and Friday)
444-446 Princes Highway, Rockdale NSW 2216
T 9562 1596
E irene.chan@bayside.nsw.gov.au **W** www.bayside.nsw.gov.au

From: Irene Chan
Sent: Wednesday, 24 May 2017 8:46 AM
To: 'viola@phillipsmarler.com.au'
Cc: Grant Sutton; Julie Marler; Fiona MacColl
Subject: FW: New M5 – Urban Design and Landscape Plan Feedback

Hi Viola

Below is the comments I sent via the RMS portal.

Kind regards



Irene Chan Urban Designer (Available Wednesday, Thursday and Friday)
444-446 Princes Highway, Rockdale NSW 2216
T 9562 1596
E irene.chan@bayside.nsw.gov.au **W** www.bayside.nsw.gov.au

From: Irene Chan
Sent: Friday, 28 April 2017 4:11 PM
To: Fiona MacColl; Sue Matthew; Alexandra Vandine
Cc: Michael McCabe
Subject: FW: New M5 – Urban Design and Landscape Plan Feedback

Hi All

Many thanks for your contributions. Below is a copy of the online submission.

Kind regards



Irene Chan Urban Designer (Available Wednesday, Thursday and Friday)
444-446 Princes Highway, Rockdale NSW 2216
T 9562 1596
E irene.chan@bayside.nsw.gov.au W www.bayside.nsw.gov.au

From: Google Forms [<mailto:nobody@google.com>]
Sent: Friday, 28 April 2017 4:08 PM
To: Irene Chan
Subject: New M5 – Urban Design and Landscape Plan Feedback



Thanks for filling out [New M5 – Urban Design and Landscape Plan Feedback](#)
Here's what we got from you:

New M5 – Urban Design and Landscape Plan Feedback

The community is invited to provide feedback on the draft New M5 Urban Design and Landscape Plan (UDLP). To help us assess your feedback, please be as specific as possible. Providing details such as the document section and page number will assist in directing your feedback.

Please submit your feedback no later than Sunday, 30 April 2017

All submissions will be given careful consideration. Responses to grouped comments will be provided to the Department of Planning and Environment along with the revised plan. We will advise you when the revised plan has been approved and published.

For more information, please contact the New M5 community engagement team on 1800 660 248.

Email address *

irene.chan@bayside.nsw.gov.au

Your name

Irene Chan

Your address

Bayside Council

You can use this form to provide feedback on:

- Main New M5 Urban Design and Landscape Plan - Campbell Road Crossing and SPI Recreational Area Sub-Plan - Campbell Street Green Link Sub-Plan - M5 Linear Park Enhancement Sub-Plan - Noise Barrier Location and Design Sub-Plan Fill out the relevant sections on the next page

Main New M5 Urban Design and Landscape Plan

Document section and page number

Please provide the document section and page number from the plan you are referring to

Pg 25, 49-53,191-204

Your feedback

MOC 3 Arncliffe Motorway Operations Complex • The proposed design should take the future planning on Cooks Cove into its contextual design. The draft Bayside West Priority Precinct document, prepared by the Department of Planning and Environment states that Cooks Cove will become a high density mixed use precinct with future schools/recreation facilities. Thus, the proposed design of the MOC 3 should take this document into consideration, especially how the site, especially the interfaces, response to future educational, recreation, residential land uses. See <http://www.planning.nsw.gov.au/Plans-for-your-area/Priority-Growth-Areas-and-Precincts/Bayside-West-Precincts/Key-actions-and-documents> • Soften the interface between the subject site and the future Cooks Cove area. Employ design measures to reduce the visual impact of the retaining walls (especially the southern and eastern elevations) • The design of the fence, landscaping (choices of plants) should assist in creating a comfortable scale and environment for people to walk and cycle.

Campbell Road Crossing and SPI Recreational Area Sub-Plan

Document section and page number

Please provide the document section and page number from the plan you are referring to

Your feedback

Campbell Street Green Link Sub-Plan

Document section and page number

Please provide the document section and page number from the plan you are referring to

Your feedback

M5 Linear Park Enhancement Sub-Plan

Document section and page number

Please provide the document section and page number from the plan you are referring to

page 16,28,38

Your feedback

Kingsgrove Avenue Reserve • The proposed Option 2 Cricket Field is not supported. The area is currently used as a midi soccer field and is highly used by the community. • The existing playground and picnic facilities in need of upgrade and would recommend to be part of the M5 Linear Park Enhancement Sub-Plan. • The existing amenity building upgrade.in need of • Landscape improvements required along western and canal edge to improve visual and physical access. Biodiversity Corridor • This linear park has been recognised by the Southern Sydney Regional Organisation of Councils and NSW Local Land Services within the Bayside LGA as containing priority habitats for biodiversity corridors and within Canterbury-Bankstown and Georges River Council as supporting habitat for biodiversity corridors (see <https://trade.maps.arcgis.com/apps/webappviewer/index.html?id=3afa804b96ac4d69a74e9b1ed9780328>). • In addition within the Bayside LGA Kingsgrove Ave Reserve is identified in Council’s BioLinks study as a site with potential to improve biodiversity connectivity. The linear park area within Bayside LGA also falls with NSW Office of Water Riparian Corridor area. • Therefore the potential to improve the biodiversity outcomes of this linear park need to be better reflected within this document. • This includes reflecting how the landscaping is been chosen to improve the value of biodiversity corridor of this site, the species list for planting (for Bayside LGA the Rockdale Technical Specification: Landscape Document is to be the guiding document for species chosen) and how the plan complies with the intent of NSW Office of Water Guidelines for Riparian Corridors. Others: Page 16- Include Austroads Design Guide after “Cycle and pedestrian path... pinch points”; include “To Australian Standards” after “Review lighting...well lit”. Page 28 – Under Design Elements, all the seating must have back and arms (Bayside Council has a standard/type); all signage to Council Suite Standards. Page 38 – Opportunities could include “Mosaics on walls, floor of underpasses” and “ Lighting to Australian Standards.

Noise Barrier Location and Design Sub-Plan

Document section and page number

Please provide the document section and page number from the plan you are referring to

Your feedback

[Create your own Google Form](#)

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WCX Stage 2 New M5 - Planning Condition B62d

M5 Linear Park Enhancement

Gateway Concepts

Feedback request for concept designs

Further to our meeting, we would like to formally request feedback using the following questionnaire.

If you could please provide feedback by **Wednesday 24th May COB**, it would be much appreciated.

Recreational Facilities and Concepts

1. Do you like the overall concept of Linear Park enhancement? If not why not?
Yes as far as it affects Bayside Council, but not sure about the totally independent identity of the Linear Park with no reference to Council LGAs.
2. Do you like the concepts of fitness circuits on the plans connecting the Linear Park north and south? Do you have any other suggestions for connections?
Yes it's a great use for the narrow areas and we have had a lot of interest from the community for fitness equipment and circuits within Bayside Council
3. Do you like the fitness/ seating pod concepts? How could they be improved?
Yes
4. What do you think of the number of fitness stations? Please give any thoughts on products or materials?
Bayside would want to see more detail before assessing which fitness products companies were chosen. Preference would be for equipment to be certified to AS4685:2014 or EN16639:2015 as a minimum and area to be surfaced to AS/NZS 4422 as a matter of best practice risk management.
5. Is there any equipment or amenities you do not want to see in the Linear Park or in the council reserves adjacent to the Linear Park?
It's too narrow in the Bayside Council areas of the Linear Park for additional cricket nets or half basketball courts
6. What are your concerns about maintenance? How can maintenance be made easier?
Greater Council involvement in the choice of fitness equipment etc. as I am sure we will be expected to maintain it. Concerns involve robustness and longevity of any infrastructure, need for consideration of potential unintended use and vandalism, ongoing maintenance requirements and costs thereof and spatial allowances around set out of inclusions for ease and efficiency of maintenance.
7. We are considering synthetic/rubber surface for the fitness facilities - is this a good approach? If not why not?
Yes – a preferred surface for all weather inclusive access, impact attenuation and ease of maintenance. Surfacing to be certified to AS/NZS 4422 as a point of risk management in the event of falls from equipment. Colour selection should discourage excessive heat absorption for user comfort and safety. Make sure it's all one colour and installed at the correct temperature (atmospheric) as we have had major

issues with seam / joints within rubber / synthetic surfaces between colours cracking open and becoming trip hazards and with entire surfaces installed on days that were either too hot or too cold.

8. Does Bayside Council see any benefit from providing an additional crossing over the Canal in the vicinity of Kingsgrove Reserve? (Kingsgrove Soccer Club have stated a preference for **not** including an additional crossing over the canal into Kingsgrove Reserve)

If it is deemed necessary through a pedestrian needs analysis, that's fine go ahead with the additional crossing. However, Council has had no requests for extra crossings within this area.

An additional crossing would provide an interesting off road loop return for the fitness trail as well as increased access and connectivity to the Linear Park from surrounding precincts. However, implications involve a direct link to a different LGA with potential for inappropriate access/use and increased maintenance responsibilities. Benefits v. disadvantages need to be carefully considered.

Gateway Concepts

9. What do you think about a Gateway Concept to identify the park?

The concept allows opportunity for focal and locality reference points along the length of the park, with potential for sculptural interest.

10. Does Council have a preference for the quantity and location of gateways?

Preference would be at significant entry points to the park from surrounding precincts, enabling gateways to act as wayfinding tools and to identify and acknowledge changes in LGA. Consider including locality maps ("you are here") to show connections to destinations. Also labelling for potential emergency reference points.

11. Do you have a preferred concept from the ones presented?

Option 2 of these – however other options could be explored which relate to the local environment of differing precincts along the route. Consideration needs to be given to risk management for potential unintended access, likely collection of debris and ongoing maintenance to upkeep the appeal of the gateways and visual interest from both near and far as a focal point and wayfinding device.

12. How should the Gateways be delivered for implementation?

Suggest to nominate locations on the park master plan and tender for sculptural design and implementation. Gateways need not be at excessive cost which could otherwise contribute to recreational infrastructure or items such as solar up lighting for night use and safety.

13. What would be a good process to enable Councils to work together to achieve this project?

Is it the responsibility of the individual Councils involved to achieve this project?

Current understanding is that this is an RMS project and the individual Councils involved are being engaged in consultation regarding the concepts proposed for the Linear Park enhancement which we understood would be managed and paid for by RMS.

M5 LINEAR PARK ENHANCEMENT

Comments from Canterbury Bankstown Council for the M5 Linear Park Enhancement are contained under the following headings:

CONTEXT

**STRATEGIC
NEW M5 WOLLI CREEK LEGACY PROJECT
NEEDS OF COMMUNITY GROUPS
BACKGROUND**

GENERAL

**SUMMARY OF OPPORTUNITIES
FUNDING
DETAILED DESIGN
QUALITY OF FINISH AND MATERIALS
PARK CONCEPT**

RECREATIONAL USES

**FITNESS LOOP
SKATE PARK**

ACCESSIBILITY

**WAYFINDING
SHARED PATHS
EQUIPMENT
LIGHTING
NOISE BARRIERS**

VEGETATION

**TREES
WSUD**

Comments may be referenced to the following documents:

- (A) WCX Stage 2 New M5 – Planning Condition B62D – M5 Linear Park Enhancement DRAFT. Issued 03.04.2017
- (B) WestConnex New M5 Urban Design and Landscape Plan, M5N-HSL-MNP-100-110-TR-1970_B. Issued 31.03.2017

CONTEXT

STRATEGIC

Condition B62 (d)*'to connect and enhance the parkland and to offset amenity and open space impacts'*

To date Council is not convinced that impacts have been offset.

The plan should firstly seek to provide an analysis of the amenity and open space impacts and then measures to address these.

This should look to addressing the major issues to the Linear Park which include:

- The primary issue with the linear park is the exceptionally poor quality edge conditions between 1. Motorway to Park and 2. Park to Creek edge. The park cannot be improved in any substantial way without addressing this in at least in some key locations.
- Ecology: The park is a creek, which was a rich ecological corridor and is now a barren wasteland. The park cannot be improved in any substantial way without addressing this.
- The park has a strong urban context; including two train station within 100-150m of the park, two town centres, numerous parks etc. Park planning should respond to an understanding of current and future urban potential. Scattering equipment throughout the park as the primary outcome is questioned as the most effect approach, without a clear understanding of the strategic context.
- The park has a number of different urban structure characteristics, spatial qualities (3d), and a hierarchy of spaces linked to the surrounding urban structure. This should inform where and how improvement efforts could be best consolidated.

SOLUTION

1. The plan should acknowledge the key amenity and open space impacts and provide a dialogue around how and by whom these will be addressed within the context of the project impacts.
 - What are the amenity and open space impacts?
 - Are some places more significant than others and therefore suitable to significant transformation, whilst other places are less strategic and therefore could be subject to future improvement by Council or others?
 - What was the original intent of the Linear park plan and has this been delivered?
 - What items were promised with the original Linear Park but never delivered?
2. The overlap between a number of conditions of consent should be investigated ie. ecology, water quality, tree replacement, social cohesion and the linear park plan in order to maximise the benefit for the area and the local community.
3. The opportunity is to realise the wider strategic importance of the place and to address how the major issues with the park should be addressed; at least in some targeted locations.

NEW M5 WOLLI CREEK LEGACY PROJECT

The Linear Park Plan presents a narrow remit delivering park equipment and some landscaping. However, the overall intent for WestConnex is to be a transformational project. [Exert from document (B)].

'The West Connex Motorway shall be a sustainable, high quality and transformational project for the people of Sydney and NSW.'

Exhibiting design excellence as a whole and in all constituent parts, it should be sensitively integrated into the natural and built environment, help build communities and contribute to the future liveability of the city - Australia's 'Global City'.

Major transformational projects (Legacy projects) have been developed elsewhere in the project corridor i.e. surrounding St Peters, King Street Gateway and Sydney Park Extension, whilst no focus has been given to providing an equally transformational project (s) in any areas west of St Peter's Interchange.

A Wolli Creek Legacy Project would provide a significant positive impact for the community and environment and be the focus for a showcase Legacy Project for NewM5 that demonstrates an integrated approach to providing significant public infrastructure at a local and regional level.

A more holistic approach to the park plan which looks at the area at a number of scales and considers the District Plan and the Green Grid would generate a richer, more meaningful and strategic outcome that would lead to determining which design approaches would deliver a transformational outcome.

As a start this could include:

- Completing the Bexley Road to Tempe/Cooks River shared cycle and pedestrian path.
- Providing funds to restore the Wolli Creek Ecology ie. bushcare through community groups.
- Upgrading items provided as part of the original linear park (for example – boardwalks over Saltpan Creek Punchbowl are dilapidated and unsuitable for cyclists)
- Removing barriers for active transport users to cross Kingsgrove road and King George's Road
- increasing connectivity across the freeway (in a north south direction). For example – introducing more underpasses and increasing amenity on existing under and overpasses (i.e: Coo longatta Road could be enhanced by adding lighting, planting, trees and public art).

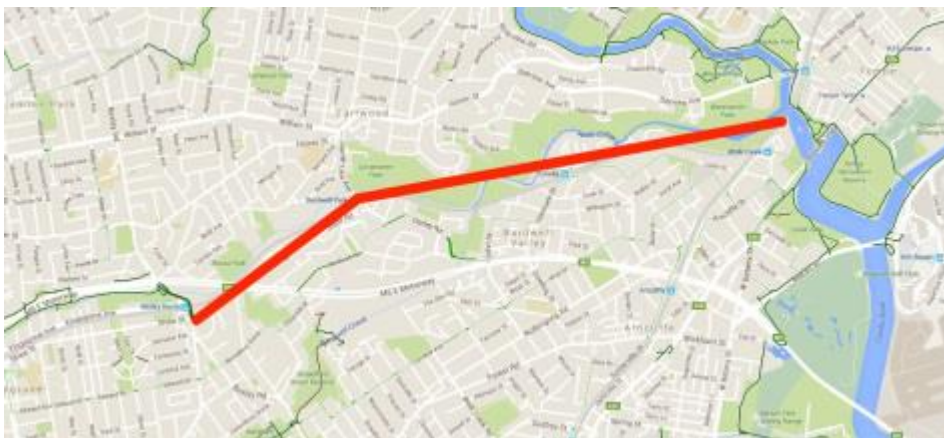


Image from Cycling Australia illustrating the intent of a new pedestrian and cycle linkage promised but never delivered with the M5 motorway project.

NEEDS OF COMMUNITY GROUPS

The following comments are in response to item 3.2 in document (A).

- Generally the concept of a fitness trail and fitness stations are encouraged however group equipment would be preferable in a smaller number of locations. Item 3.2 page. 13 proposes 28 indicative locations. This number is not supported.
- Fitness equipment pieces to be selected in consultation with Council. Limit number of equipment with moving parts.
- Acquired industrial site at eastern end of Beverley Grove Park still referred to as part of open space. Recent consultations at the UDRP indicate this area now proposed as a fenced dry detention basin.

BACKGROUND

The following comments are in response to item 4.0 in document (A).

- The middle-west section of the M5 Linear Park (Kingsgrove / Narwee / Beverley Hills) has a lower provision of open space, and Roselands has a critically low provision of open space. Forecast population growth will increase the deficit. Amenity and open space improvements should be concentrated in this area.
- Beverley Grove Park has a loss of usable open space by 29% as per EIS
- The noise mound proposed at Beverley Grove Park reduces usable open space by 47%.

GENERAL

- Council is not convinced that the Community has an understanding of the impact of that loss of open space due to insufficient graphic 3D representations available to the public via consultative methods or public exhibition.
- There is a reduction in overall open space via compulsory acquisitions with no open space offsets for a community already with a deficit in usable, quality open space
- Active transport issues not addressed – King Georges Road and Kingsgrove Road intersections.
- Active transport issues are not addressed (for example – crossings at King Georges Road and Kingsgrove Road intersections are difficult and time consuming for cyclists and pedestrians)
- Maintainability of equipment needs to be further negotiated with Council prior to awarding a contract for detailed design and construct.
- Council has not been afforded the opportunity to be a real partner in the design and decision-making process. For example, feedback from Council should be reflected in the draft concepts prior to public exhibition to ensure community expectations aren't falsely raised due to unachievable or unsuitable propositions
- Biodiversity offsets are not included.

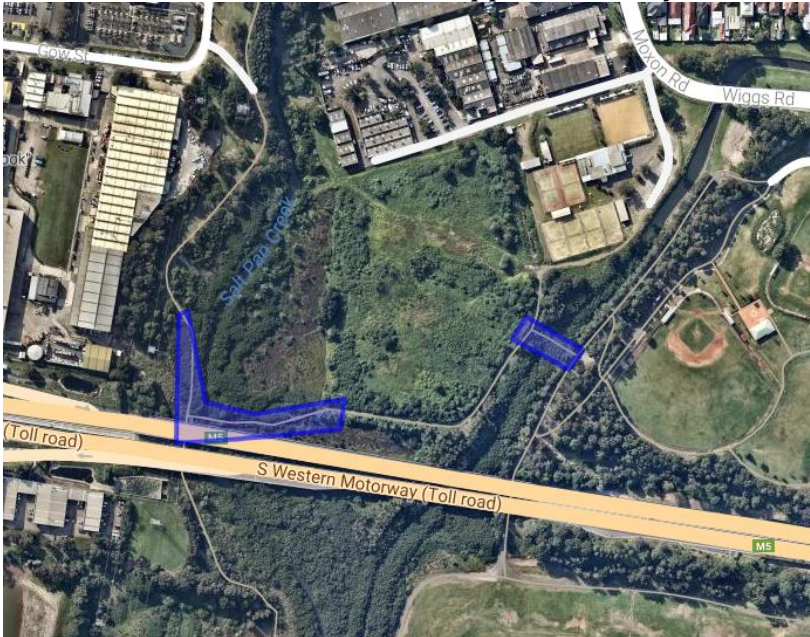
SUMMARY OF OPPORTUNITIES

The following comments are in response to item 5.1 in document (A).

- Opportunities: - Flying Fox in Forrester Reserve – not supported
- New play equipment in Beverley Grove Park if enough space – *currently insufficient space with noise mound as shown*
- Active play in Beverley Grove Park – active transport corridor only
- Toilets proposed for Forrester Reserve – not supported by Council.

FUNDING

Council's preference is to reduce the amount of equipment to be installed and spread the installations further east and west along the linear park (past the "boundaries" or further north and south (essentially widening the area of public benefit). Spaces with one small pod should be redesigned without pods. The resultant savings should be used elsewhere. Please consult with Council re preference for where funds should be spent. Note that Council may be interested in replacing the board walks and bridges as shown in below aerial (blue outline), however this would need to be further workshopped internally.



DETAILED DESIGN

Council is not interested in delivering the works internally.

Council requests collaboration when detailed designs are being prepared. Please provide a process map or gantt chart of the process to enable Council to resource input on the detailed plans.

QUALITY OF FINISH AND MATERIALS

Criteria and principles should be agreed for the quality, longevity and maintainability of equipment to be installed by the contractor.

PARK CONCEPT

\\SERVER\D New Data\Landscape Projects 2\RMS West Connex enabling works sub plan\Council Consultation comments\Canterbury Bankstown Council\M5 linear park feedback 170523.docx

The following comments are in response to item 6.8 in document (A).

- Include facilitated crossing over King Georges road (north of M5).
- Remove bubblers shown adjacent to fitness equipment.

The following comments are in response to item 6.9 in document (A).

- Kindilan underpass – splay entry on both sides
- High amenity in Tallawalla Reserve (Georges River LGA) supported to encourage pedestrian and social activity adjacent to underpass.
- Beverley Grove Park – noise mound not supported in current dimensions due to unacceptable loss of usable open space.
- Shape of mound in current dimensions interferes with sightlines to the entry of the Kindilan Underpass
- Reduce scattering of fitness hubs and locate where passive surveillance achieved (e.g. end of Armitree St)
- Remove bubbler shown adjacent to fitness equipment

The following comments are in response to item 6.10 in document (A).

- Forrester Reserve – delete flying fox

RECREATIONAL USES

FITNESS LOOP

Generally the fitness loop is supported, the following comments are in response to item 6.1 in document (A).

- Concept generally supported – proposing a variety of walking / fitness activity loops and options for community
- Council to be a partner in the design and location. Note: Council has significant issues with vandalism and wilful damage particular where passive surveillance opportunity is low. Council also has limited resourcing both financially and labour and typically concentrates resourcing into high-profile/ high-use destination recreation areas.
- In particular the proposed small exercise pod behind the houses on Cooloongatta Road may be too isolated and could be a target for vandalism.
- Design needs to consider both physical accessibility and visual surveillance. Ideally fitness equipment to be sited where visible from street view corridors, not located behind ‘triangles’ behind private housing.
- Trees, in particular large canopy and a range of trees for biodiversity are encouraged
- Bubblers generally not supported due to high vandalism rates.
- Fitness equipment pieces to be selected in consultation with Council. Limit number of equipment with moving parts.
- Rubber soft fall to be used with fitness equipment
- The large fitness pods (60m² – 6+ pieces) identified may be too large for many of the spaces. If a large pod is included in a particular section, additional medium or large pods

in the same area of the park could possibly be reconsidered, as displayed in Forrester Reserve and Kingsbury Reserve.

- There is preference for less pods as they are currently spread out across every passive space. Rather there should be a selected number of small (20m² – 1-3 pieces) or medium (40m² – 3-5 pieces) size pods. Too many pods are reducing the areas of passive open spaces and the excessive distribution is also a concern as the ownership and maintenance will later be given back to Council.
- One exercise pod and a simple play element (e.g. concrete animal to climb on in a nature play setting) may be more appropriate in Kingsbury Reserve rather than two large pods.

SKATE PARK

The need for a skate park is identified in the 2010 Strategic Recreation Plan with recommendations for a new skate park in both the central and east wards (former Canterbury wards). The proposed location of a street skate next to Bexley Road would align with these recommendations as the area identified was previously within the east ward and is located a sufficient distance (approximately 5.4km direct distance) away from the Riverwood skate park at Riverwood Wetlands. The proposed park skate is located close to Bexley North Train station and would be visible from Bexley Road which would encourage use by the broader community.

Population statistics show that just over 1 in 5 residents in the suburbs directly in the vicinity of the proposed park skate facility would be between the ages of 5 and 22. In the 2011 census 20.6% of the population of Kingsgrove was under the age of 18 as well as 21.8% of the neighbouring suburb of Earlwood. In the adjoining Bayside Council 21.7% of Kingsgrove residents and 24% of Bexley North residents were under 18 in 2011.

ACCESSIBILITY

The accessibility of the M5 linear park and any embellishments to parks located along the trail should be a high priority of this plan. Suitable seating, bubblers and location and width of paths should be considered in the design process. The seats and picnic tables shown on p40 are not accessible for wheelchairs – the tables should extend past the seats so a person in a wheelchair can share the table. All benches should have armrests

It is noted that measures to keep motorbikes out of the park has been minuted when consulting with the community. While this is accepted as an issue, any measures should ensure that prams, wheelchairs and bicycles can still maintain adequate access to the linear park and adjoining parks.

Specific requests have been received in regards to Forrester Reserve and there is a need to ensure that this park is accessible.

UNDERPASSES

Linear park enhancements should aim to activate the underpasses (esp. Kindilan underpass).

WAYFINDING

Wayfinding should be clear and intuitive. It should be understandable by people without English. Each council should have its own signs within its own area – trying to design special ‘M5 linear park’ signs will be very hard to get consensus.

SHARED PATHS

3.5 - 4m wide shared paths are preferred so as to easily allow for two bikes and two pedestrians to pass at the same time and in recognition that the path is a regional route and will be used by commuter cycles.

LIGHTING

The paths should be lit to allow for commuter cyclists to use the paths in winter.

EQUIPMENT

Equipment should be concentrated where the linear park intersects with roads leading to the rail stations.

Equipment should be moved away from the main path so as to avoid conflicts between commuter cyclists and those stopped to congregate.

Picnic settings or seats where people can face each other should be given preference over single seats.

Refer to photo of Harold Park below.



NOISE BARRIERS

The locations of the noise mounds on page 43 of document (B) are encroaching on an excessive area of public open space. This option for a full noise mound, although preferred by those living directly next to the park, is not an appropriate use of public open space. A noise wall in combination with a smaller planted noise mound should be considered as the preferred

alternative. The loss of open space impacts the broader community as well as the adjacent residents. The Canterbury Open Space Needs Review 2015 identifies Kingsgrove and Beverly Hills as areas which have a lower provision of open space, the figure is much lower if the golf course is not included. With an expected increase of population by 2031, the significant loss of open space is not acceptable without providing new open space in the general area.

VEGETATION

The following comments are in response to item page. 311 & 313 in document (B).

- Massed planting areas on structure will have 800mm soil – which is good, however no mention of drainage or irrigation
- Trees on slab will have 1000mm soil – which is good, should mention mounding of the soil as well, to gain extra depth

TREES

Natural shade should be provided for any equipment to make the area more usable during hotter months continuous tree planting on their northern side of paths, current design shows large gaps between trees that will make it hot when walking.

WSUD

Raingardens and water sensitive projects should be included in design of the linear park.

Julie Marler

From: Maaran Mutharasa <Maaran.Mutharasa@cbc.city.nsw.gov.au>
Sent: Friday, 9 June 2017 1:40 PM
To: Julie Marler
Cc: Peter Lay; Emily Forrest; valerie.giammarco@cbc.city.nsw.gov.au
Subject: RE: M5 Linear Park Enhancement - Review of revised concept designs and comments register

Hi Julie,

Canterbury Bankstown stakeholders have reviewed both the drawings and register provided to us on Friday 2 June 2017. We have no further comments on the above mentioned subject. If any further issues are identified, we will bring it to your attention.

Regards,

Maaran Mutharasa - Project Interface Manager-WestConnex

P. +61297899394

E. Maaran.Mutharasa@cbc.city.nsw.gov.au

www.cbc.city.nsw.gov.au



From: Julie Marler [mailto:julie@phillipsmarler.com.au]
Sent: Friday, 2 June 2017 10:58 AM
To: Maaran Mutharasa; Fiona.MacColl@bayside.nsw.gov.au; 'Irene Chan'; 'Rob Casey'; 'Glen Moody'; 'FORREST Emily'
Cc: 'SUTTON Grant'; Sandy Hoy; Viola Haub
Subject: M5 Linear Park Enhancement - Review of revised concept designs and comments register

Dear All,

Thank you very much for all your responses to our questionnaire and drawing issue.

We have noted the comments and requests and have responded to all of them in the attached comments register. We have revised the concept drawings which are also attached.

If you could please review both the drawings and register and provide any further comments by **COB Friday 9th June** it would be appreciated.

(Maaran I have copied to Emily Forrest on this email but please coordinate with others as required)

If required we formally offer another workshop opportunity to discuss any remaining issues. RMS require all Councils to sign off on the plans as soon as possible so the report and drawings can be issued to the DoPE for approval.

Thanks to all of you for your time in reviewing this project - and please don't hesitate to contact me if you have any queries.

Kind regards

Julie

Julie Marler FAILA RLA
Principal

phillipsmarler

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Julie Marler

From: Rob Casey <RCasey@georgesriver.nsw.gov.au>
Sent: Friday, 19 May 2017 10:21 AM
To: viola@phillipsmarler.com.au
Cc: Julie Marler; Grant Sutton; Greig Williams; Glen Moody; Alison Hanlon
Subject: M5 Linear Park Enhancement - Georges River Council feedback

Hi Viola ,

Please find below requested feedback for M5 linear Park Project -

WCX Stage 2 New M5 - Planning Condition B62d
M5 Linear Park Enhancement
Gateway Concepts

Feedback request for concept designs
Further to our meeting, we would like to formally request feedback using the
Following questionnaire.

If you could please provide feedback by Wednesday 24th May COB, it would be much appreciated.

Recreational Facilities and Concepts

1. Do you like the overall concept of Linear Park enhancement ? If not why not ? [Council is happy with the overall concept , we have recently received a request From the Local Member for Canterbury Sophie Cotsis , requesting the proposed M5 linear park comply with the Disability Inclusion Act 2014.\(pretty sure you guys have this covered ?\)](#)
2. Do you like the concepts of fitness circuits on the plans connecting the Linear Park north and south ? Do you have any other suggestions for connections ? [Council Is happy with overall idea/concept and the elements proposed.](#)
3. Do you like the fitness/ seating pod concepts ? How could they be improved ? [Yes Council is happy with fitness and seating concept , however it is recommended elements be kept simple with minimal moving parts etc.](#)
4. What do you think of the number of fitness stations? Please give any thoughts on products or materials ? [Council is happy with overall proposed number and layout of pods/stations etc. – it is preferred mainly steel elements be used in relation to fitness equipment selection](#)
 - [Some of the preferred fitness product selection in relation to this particular project would include either –](#)
 - [Imagination Play – Barforz Range](#)
 - [Kompan – Workout Systems](#)
 - [Forpark – Parkfit Range](#)
 - [Moduplay – Norwell Training Range](#)

5. Is there any equipment or amenities you do not want to see in the Linear Park or in the council reserves adjacent to the Linear Park? [Minimal timber or plastic structures or materials](#)
[Which are prone to vandalism or easy wear etc.](#)
6. What are your concerns about maintenance ? How can maintenance be made easier ? [Resources to maintain and associated cost – prefer simple steel components and structure \(static fitness equipment\) with minimal to nil moving parts.](#)
7. We are considering synthetic/rubber surface for the fitness facilities - is this a good approach ? If not why not ? [Definitely rubber soft fall surfacing is the preferred option for fitness pods/stations.](#)
8. Does Bayside Council see any benefit from providing an additional crossing over the Canal in the vicinity of Kingsgrove Reserve ? (Kingsgrove Soccer Club have stated a preference for not including an additional crossing over the canal into Kingsgrove Reserve) – [N/A](#)

Gateway Concepts

9. What do you think about a Gateway Concept to identify the park ? [Great Idea](#)
10. Does Council have a preference for the quantity and location of gateways ? [Council is satisfied with the \(6\) proposed main sign concepts and their proposed locations etc.](#)
11. Do you have a preferred concept from the ones presented ? [Yes - your option no.1 was the most preferred by Council](#)
12. How should the Gateways be delivered for implementation ? [Council is happy to review your updated designs and let you guys go ahead and install whatever is the most preferred option by all or majority of stakeholders involved.](#)
13. What would be a good process to enable Councils to work together to achieve this project ? [Would be good if you guys could send through updated designs on the most preferred options for Council to comment/confirm etc.](#)

Kind Regards,

Rob Casey
Environmental and Open Space Projects Officer
Georges River Council
Ph.93306462
Mobile.0411744559



Rob Casey Open Space Project Manager
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Julie Marler

From: Rob Casey <RCasey@georgesriver.nsw.gov.au>
Sent: Wednesday, 14 June 2017 3:25 PM
To: Julie Marler
Cc: Glen Moody
Subject: RE: Comments on revised drawings and comments register M5 Linear Park Enhancement

Hi Julie ,
Council is satisfied with the changes within the GRC area outlined in the revised design drawings etc.

Kind Regards,

Rob Casey
Environmental and Open Space Projects Officer
Georges River Council
Ph.93306462
Mobile.0411744559

From: Julie Marler [mailto:julie@phillipsmarler.com.au]
Sent: Wednesday, 14 June 2017 10:44 AM
To: Fiona.MacColl@bayside.nsw.gov.au; 'Irene Chan'; Rob Casey; Glen Moody
Cc: 'SUTTON Grant'
Subject: RE: Comments on revised drawings and comments register M5 Linear Park Enhancement

Dear all,

Apologies for chasing - but could you all send any comments through on the designs as soon as possible today/tomorrow as RMS are keen to finalise as soon as possible.

Any queries please contact me

Kind regards

Julie

Julie Marler FAILA RLA
Principal

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From: Julie Marler [mailto:julie@phillipsmarler.com.au]
Sent: Friday, 9 June 2017 2:57 PM
To: 'Fiona.MacColl@bayside.nsw.gov.au' <Fiona.MacColl@bayside.nsw.gov.au>; 'Irene Chan'

Julie Marler

From: Fiona MacColl <Fiona.MacColl@bayside.nsw.gov.au>
Sent: Wednesday, 14 June 2017 2:07 PM
To: 'Julie Marler'
Subject: RE: Comments on revised drawings and comments register M5 Linear Park Enhancement

All good here

Regards

Fiona MacColl



Fiona MacColl Landscape Infrastructure Planner
444-446 Princes Highway, Rockdale NSW 2216
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E fiona.maccoll@bayside.nsw.gov.au W www.bayside.nsw.gov.au

From: Julie Marler [mailto:julie@phillipsmarler.com.au]
Sent: 14 June 2017 10:44
To: Fiona MacColl; Irene Chan; 'Rob Casey'; 'Glen Moody'
Cc: 'SUTTON Grant'
Subject: RE: Comments on revised drawings and comments register M5 Linear Park Enhancement

Dear all,

Apologies for chasing - but could you all send any comments through on the designs as soon as possible today/tomorrow as RMS are keen to finalise as soon as possible.

Any queries please contact me

Kind regards

Julie

Julie Marler FAILA RLA
Principal

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Please consider the environment before printing this email

From: Julie Marler [mailto:julie@phillipsmarler.com.au]
Sent: Friday, 9 June 2017 2:57 PM
To: 'Fiona.MacColl@bayside.nsw.gov.au' <Fiona.MacColl@bayside.nsw.gov.au>; 'Irene Chan' <Irene.Chan@bayside.nsw.gov.au>; 'Rob Casey' <RCasey@georgesriver.nsw.gov.au>; 'Glen Moody'

Appendix 3 – Council letters of support for Concept Design

From: Rob Casey <RCasey@georgesriver.nsw.gov.au>
Sent: Monday, April 9, 2018 4:04 PM
To: Grant Sutton
Cc: Glen Moody; Alison Hanlon
Subject: RE: WCX Stage 2 - Planning Condition B62D - Draft Letter to Councils seeking support

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Grant ,

In view of the DPE seeking further clarification on Councils support in relation to the M5 Linear Park Enhancement Project.

Please see below - Georges River council 's formal response in support of the final sub-plan submission and concept design plans.

- Council can confirm that it has met with RMS and RMS's consultant Phillips Marler and provided its preferences for recreational equipment in the M5 Linear Park.
- Council has also reviewed and provided comments on the preliminary versions of these concept designs.
- Council confirms that it is satisfied with the final version of the concept design drawings which incorporates Councils comments.
- Council confirms their support for the installation/ delivery of the recreational facilities proposed by RMS as detailed in the attached drawings.
- Council understands that the designs for the M5 Linear Park recreational enhancements will be further developed by RMS, and Council requests ongoing consultation as the designs are progressed and particularly the final selection of recreational equipment.
- Council understands that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment that is located on Council controlled lands will be by Council.

Kind Regards,

Rob Casey
Environmental and Open Space Projects Officer
Georges River Council
Ph.93306462
Mobile.0411744559

From: SUTTON Grant [mailto:Grant.Sutton@rms.nsw.gov.au]
Sent: Thursday, 29 March 2018 11:41 AM
To: emily.forrest@cbcity.nsw.gov.au; Fiona MacColl; Rob Casey
Cc: Julie Marler
Subject: WCX Stage 2 - Planning Condition B62D - Draft Letter to Councils seeking support

Emily, Fiona, Rob,

RMS has submitted the Condition B62D – M5 Linear Park Enhancement sub-plan to DPE for approval, however DPE has expressed a concern that the final emails of support provided by Councils were not detailed enough and did not specifically express final support for the proposed design.

Therefore, RMS seeks a more formal response from Councils in support of the final sub-plan submission and concept design plans.

Refer attached copy of the final concept designs as submitted in the sub-plan and as previously provided to Councils.

To address DPE's concerns, could you please incorporate the following items into your response:

- Council confirms that we have met with RMS and RMS's consultant Phillips Marler and provided our preferences for recreational equipment in the M5 Linear Park.
- Council reviewed and provided comments on the preliminary versions of these concept designs.
- Council confirms that this final version of the concept design drawings incorporates Councils' comments.
- Council confirms our support for the delivery of the recreational facilities proposed by RMS as detailed in the attached drawings.
- Council understands that the designs for the M5 Linear Park recreational enhancements will be further developed by RMS, and Council requests ongoing consultation as the designs are progressed and particularly the final selection of recreational equipment.
- Council understands that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment that is located on Council controlled lands will be by Council.

RMS would be happy to meet again to discuss this request, or any other details associated with the M5 Linear Park Enhancements.

Regards,

Grant Sutton
Project Manager – Special Projects
Motorways Delivery | Motorways Division
Level 22, 101 Miller Street, North Sydney 2060
T 02 8588 5283
M 0438 202 232
grant.sutton@rms.nsw.gov.au
Every journey matters

Roads and Maritime Services
Locked Bag 928, North Sydney NSW 2059

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Mr Grant Sutton
Project Engineer
RMS WestConnex Interface
Roads and Maritime Services
PO Box 973 Parramatta NSW 2124

4th May 2018

Dear Mr Sutton,

Draft M5 Linear Park Enhancement Sub Plan

Council confirms that we have met with RMS and RMS's consultant Phillips Marler and provided our preferences for recreational equipment in the M5 Linear Park.

Canterbury Bankstown Council Officers have reviewed the M5 Linear Park Design and Concept Plans, and have provided comments on the 3 April 2017 plans and more recently have provided comments on plans dated 30 August 2017.

Council acknowledges that changes requested in May 2017 have been included in the revised plans.

Council confirms our support for the delivery of the recreational facilities proposed by RMS as detailed in the attached drawings.

Council understands that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment that is located on Council controlled lands will be by Council.

Council understands that the designs for the M5 Linear Park recreational enhancements will be further developed by RMS, and Council requests ongoing consultation as the designs are progressed and particularly the final selection of recreational equipment and the design of the Gareema Circuit bio-filtration pond. Confirmation on who will construct the different aspects of the plan still requires clarification in future talks with RMS.

PRIVACY NOTICE

Council is required under the Privacy and Personal Information Protection Act 1998 (PPIPA) to collect, maintain and use your personal information in accordance with the Privacy Principles and other relevant requirements of the PPIPA.

Personal information requested on this form will only be used to fulfil the purpose for which it is being collected. Provision of this information is voluntary and is required to help process your application. Council is regarded as the agency that holds the information and access is restricted to council officers and other authorised people. You may apply to access or amend the information. For further information or clarification please contact the Privacy Contact Officer at Council.



Further enquiries regarding these comments may be directed to Councils
Open Space Planner Ms Lisa Ivcevic on 9707 9538.

Yours Sincerely,

A handwritten signature in black ink that reads "Sean Mooney". The signature is written in a cursive, flowing style.

Sean Mooney
A/Manager City Plan



Bayside Council

Serving Our Community

Ref: F11/441

27 April 2018

Grant Sutton
Project Manager – Special Projects
Motorways Delivery | Motorways Division
grant.sutton@rms.nsw.gov.au

Re: M5 Linear Park Enhancement sub-plan

Dear Grant

I refer to your email dated 29 March 2018; that Council supports in principle the design content in the draft M5 Linear Park Enhancement Sub-plan dated 30 August 2017. I can confirm that

- Council staff attended a number of meetings with RMS and RMS's consultant Phillips Marler.
- Council staff reviewed the preliminary versions of the concept designs and provided comments via the RMS online Portal and a questionnaire that provided by the RMS's consultant.
- Council confirms that this final version of the concept design drawings has incorporated Council's comments, including:
 - Remove option for cricket nets in Kingsgrove Avenue Reserve because it does not fit its current and future use.
 - The gateway concept to identify parklands will be incorporated into detail design development after further consultation with Council.
 - RMS will engage a consultant to develop a wayfinding strategy during detail design phase with Council.
- Council supports for the delivery of the recreational facilities proposed by RMS as detailed in the attached drawings.
- Council understands that the designs for the M5 Linear Park recreational enhancements will be further developed by RMS, and Council requests ongoing consultation as the designs are progressed and particularly the final selection of recreational equipment.
- Council understands that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment will be by Council.

Yours faithfully

Clare Harley
Manager Strategic Planning

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Eastgardens NSW 2036, Australia
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Appendix 4 – Detailed Design

(document issued separately)

Appendix 5 – Council letters of support for Detailed Design

19 August 2019

Ref: PLAN-

Mr Grant Sutton
Roads and Maritime Services
Level 22, 101 Walker Street, North Sydney
NSW 2060

Dear Mr Sutton,

M5 Linear Park Recreation Enhancements

Canterbury Bankstown Council confirms that the Roads and Maritime Service through their consultant Phillips Marler, have consulted adequately with Council throughout the design development phase and that Council have approved the detailed design proposed for the M5 Linear Park.

Council also confirms that:

1. Council has provided its preferences for material/equipment selection and has approved the final selections.
2. Council has reviewed and approved the 100% detail design issued 7 June 19.
3. Council confirms our support for the delivery of the recreational facilities proposed by RMS as detailed in the detail design drawings.
4. Council are continuing to work with Phillips Marler to finalise the proposed wayfinding signage upgrades proposed for the M5 Linear Park.
5. Council understands that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment that is located on Council controlled lands will be by Council.

Yours sincerely,



Andrew Smithwick
Manager City Plan

3rd July 2019

Dear Grant,

**RE: WCX - New M5 - MCoA B62D - M5 Linear Park Recreation Enhancements -
Georges River Council confirmation**

In relation to RMS submitting final designs for DPE approval regarding the M5 Linear Park Recreation Enhancement Project.

Georges River Council can confirm RMS has consulted adequately with Council in relation to the project and that Council have approved the detailed design. Georges River Council can confirm that:

- Council has been adequately consulted throughout the detail design development phase.
- Council has provided its preferences for material/equipment selection and has approved the final selections.
- Council has reviewed and approved the 100% detail design issued 7 June 19.
- Council confirms our support for the delivery of the recreational facilities proposed by RMS as detailed in the detail design drawings.
- Council are continuing to work with Phillips Marler to finalise the proposed wayfinding signage upgrades proposed for the M5 Linear Park.
- Council understands that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment that is located on Council controlled lands will be by Council.

Should you require further advice regarding this issue please contact Council's Environment and Open Space Project Officer Rob Casey on ph.9330 6462

Kind Regards,



Glen Moody
Manager, Infrastructure
Georges River Council

28 June 2019

Our Ref: F19/352, 19/198410 (BB:ph)
Contact: Bev Boland – 9366 3517



Mr Grant Sutton
Project Manager – Special Projects
Motorways Delivery | Motorways Division

grant.sutton@rms.nsw.gov.au

Dear Grant

Re: M5 Recreation Enhancements 100% Design sub-plan

I refer to your emails dated 12 and 19 June 2019 requesting Council support of the 100% design tender issue for 'M5 Linear Park documentation' (04.06.2019) to accompany final submission of the sub-plan to the Department of Environment and Planning.

Following review of this documentation I can confirm that:

- The consultation undertaken by RMS with Council throughout the detail design development phase is considered adequate;
- Council has provided its preferences for material/equipment selection;
- We have reviewed the documentation and offer conditional acceptance of the 100% detail design issued 7 June 2019 subject to resolution of the currently unresolved connectivity of the project proposals within the Bayside LGA.

The unresolved project issues include:

- 1 Council requests all pathways in concrete construction to achieve all access connectivity to and with the remaining fitness trail;
- 2 Council requests extension of the detailed pathway and replacement of existing stairs to Kingsgrove Rd to current standards;
- 3 Council requests provision of at grade access to both the Kingsgrove Rd commuter car park and to Kingsgrove Rd via Kingsgrove Avenue with provision of concrete pathway fronting 222-230 Kingsgrove Rd for inclusive access to the network of recreation enhancements;
- 4 Council requests connection of the fitness equipment pods to the concrete pathway proposed throughout the Bayside LGA open space area of the project;

cont./...

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- 5 Council requests that proposed adjustment of the existing fencing of the dog exercise area to accommodate location of the adjacent new fitness equipment pods follow the proposed pathway to minimise loss of space within the off leash area.
- 6 Council further requests that fencing of off leash area be appropriately replaced rather than realigned as specified in the documentation as the fencing is already in poor condition.

Council confirms support for the delivery of the recreational facilities proposed by RMS subject to appropriate resolution of the above issues to meet objectives of inclusive connectivity.

We understand that the design and delivery of the recreational equipment, as described in the concept design drawings, will be funded by RMS, but the ongoing operation and maintenance of equipment that is located on Council controlled lands will be by Council.

We will continue to work with Phillips Marler to resolve the wayfinding signage proposal for the open space, noting that Council has written about issues associated with placement and type.

Should you require any further information please contact Council's Asset Project Officer – Open Space, Ms Beverley Boland on 9366-3517.

Yours sincerely



Maritza Abra
Acting Manager City Infrastructure