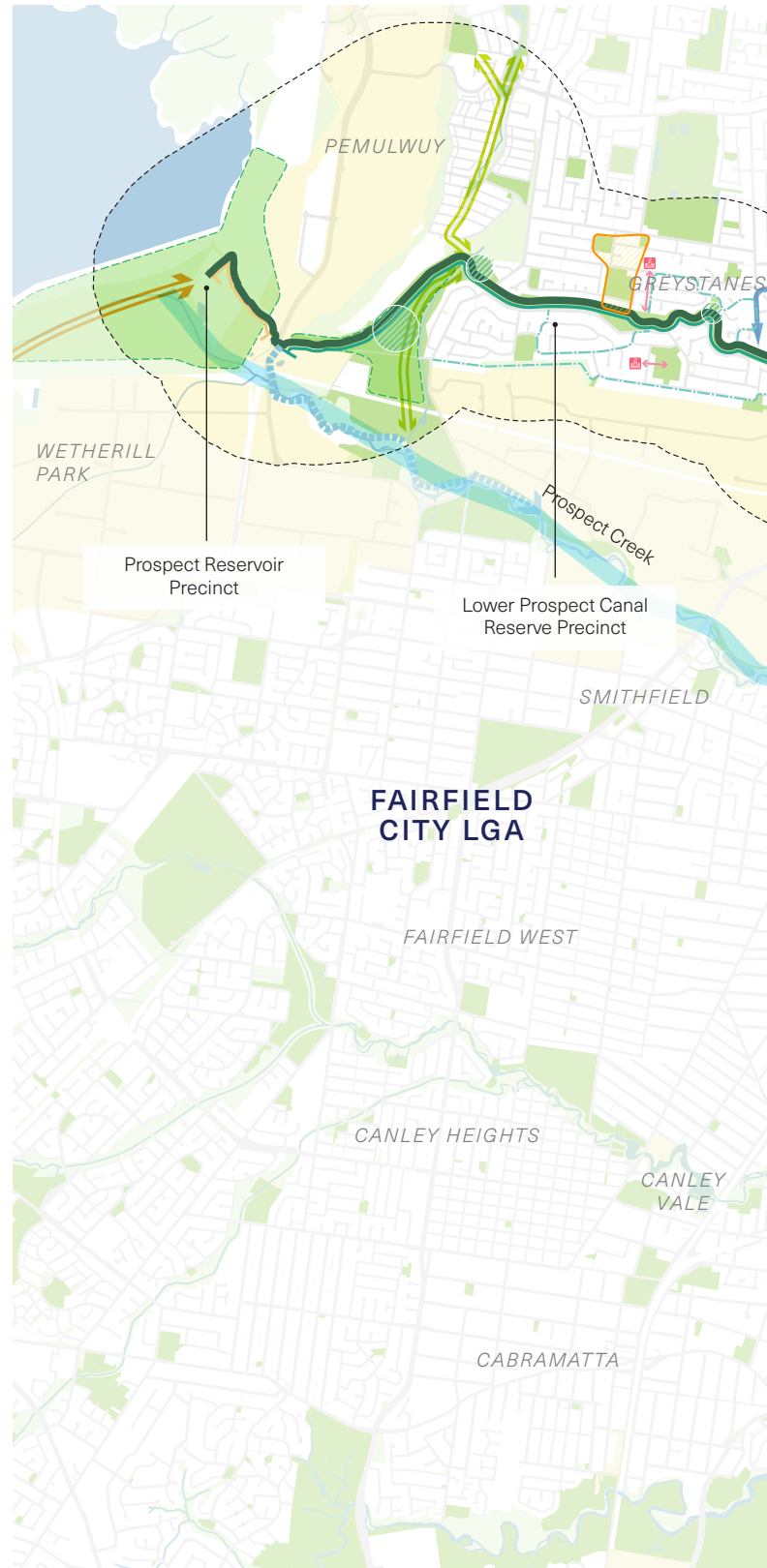


5.1 CORRIDOR STRUCTURE PLAN

The Structure Plan highlights opportunities to support the project priorities in areas around the corridor. Precincts outlined within the Structure Plan are supported by more detailed exploration and testing in the following chapter.

To allow greater interrogation and in response to local conditions (and LGA boundaries), the corridor has been broken-down into Corridor West and East. These sections are differentiated by their existing active transport infrastructure and focus for future and associated projects.

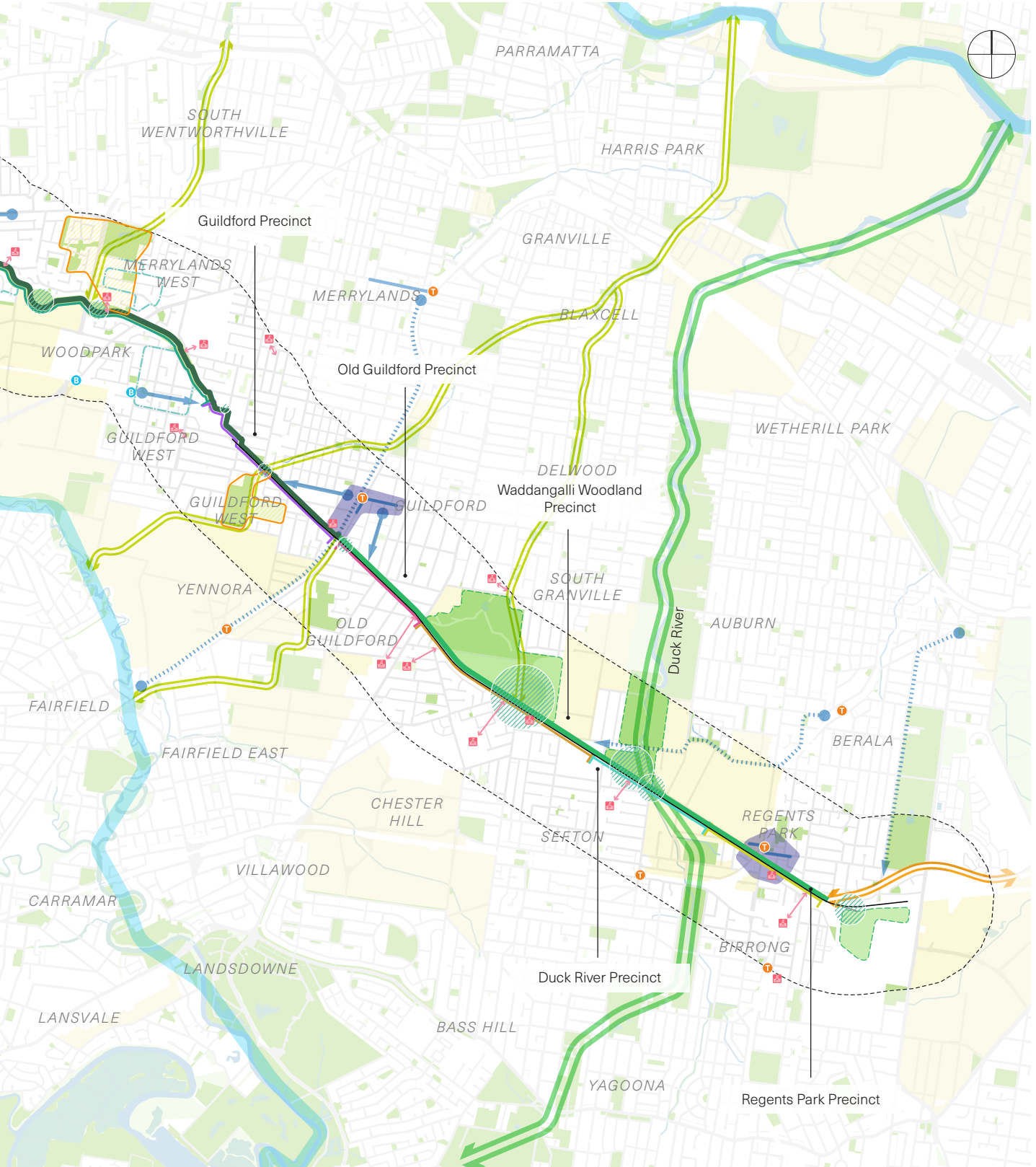
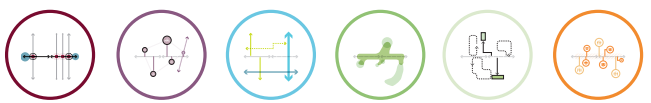
Projects along the corridor area are outlined in the following chapters.



- Study area (800m from corridor)
- Existing corridor cycle route
- Water pipeline
- Upgrade to open space
- Town Centre
- Recreation cluster
- Local active high street
- Active transport links to train stations
- Active transport links to key bus routes
- Improved connection to school
- Major green connection
- Secondary green connection
- Future cycleway extension to the Cooks River
- Train station

Structure Plan

Relevant design strategies





Corridor West

5.2 CORRIDOR WEST

Corridor West includes the Prospect Reservoir, Lower Prospect Canal Reserve and Guildford Precincts. This section of the corridor is served by existing separated dual lane shared paths along its length. Corridor West will connect into around Prospect Reservoir and Western Sydney Parklands.

The key opportunities for this section of the corridor include:

- facilitating better pedestrian and cycle access to the corridor
- supporting better connections to schools and existing recreation and open space facilities in adjacent areas
- providing seating, drinking fountains and increased shade to existing paths to support comfort and increased patronage
- providing activity areas including gym areas, exercise nodes
- new opportunities for biodiversity, increased planting and habitat creation

Where a project along the corridor has been explored in more detail, a code has been included on the page which references the project catalogue included in chapter 5.

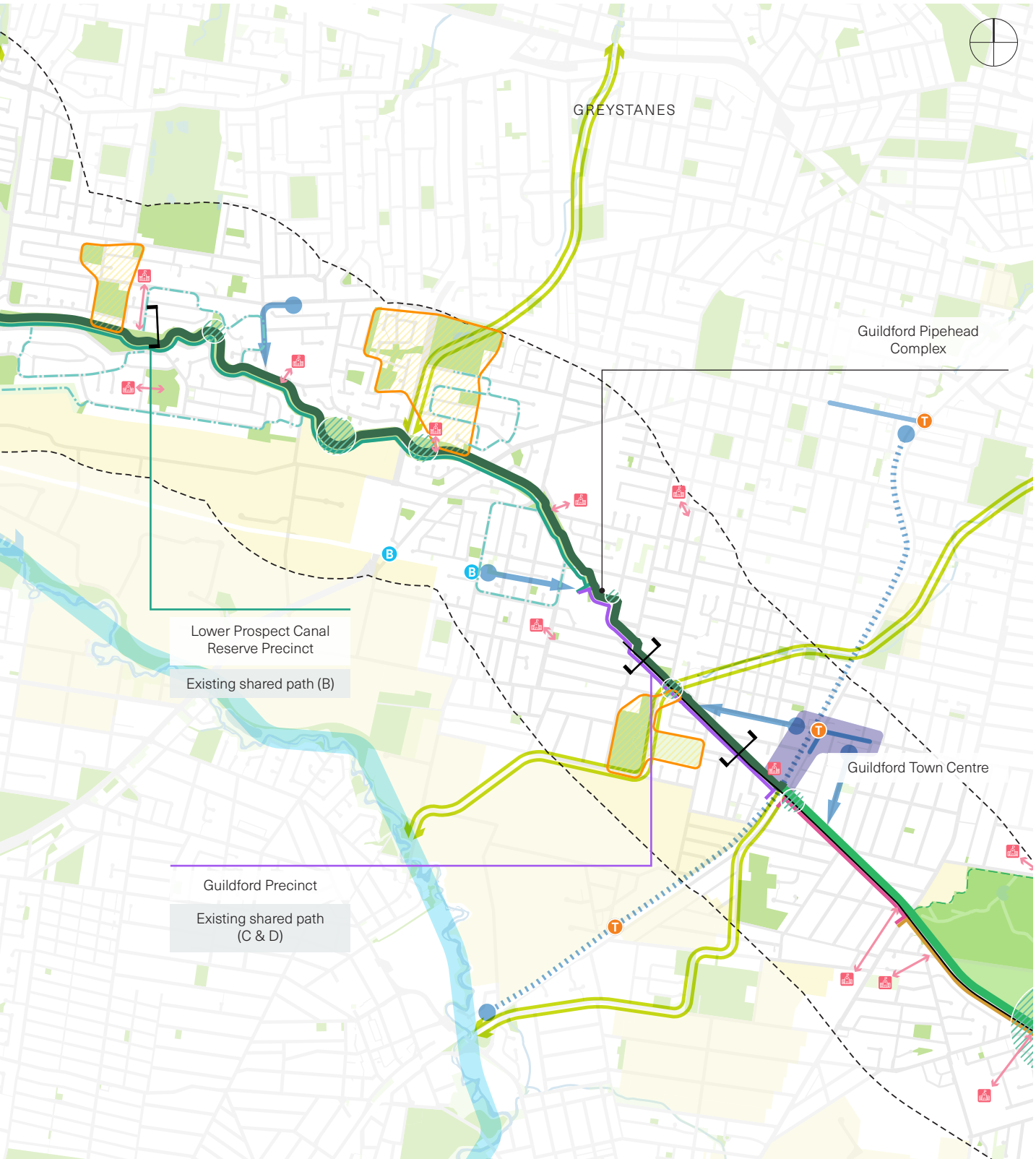
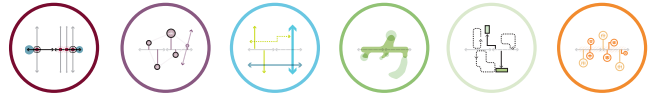
- Study area (800m from corridor)
- Existing corridor cycle route
- Water pipeline
- Adjacent open space
- ▨ Recreation clusters
- ↔ Local connections to centres
- ↔ Regional connections to centres
- Town centre
- Extension of cycleway along pipeline corridor
- Improved cycleway connection to school
- Major green connection
- Secondary green connection
- ⓘ Train station
- ▨ Open space/landscape upgrades
- Potential extension of corridor westwards



Figure 44: Corridor West Character Areas

Corridor West

Relevant design strategies



5.3 ACTIVE TRANSPORT LINKS

Existing shared paths along Corridor West will be enhanced and embellished to provide a greater commuter and recreation experience.

Corridor West is supported by existing continuous shared paths adjacent to Prospect Reservoir, along the Lower Prospect Canal Reserve and the Prospect Pipeline up to Military Road, Guildford. These shared paths support predominantly recreational use.

As use of these paths are anticipated to grow with the extension of new cycleways further east, the widening of these existing shared paths to match these new cycleways will be important. Future design testing should be undertaken to ensure improvements are considerate of existing Sydney Water Infrastructure, heritage items, existing flora and fauna.

Building upon existing Sydney Water canal infrastructure, the cycleways along the Lower Prospect Canal Reserve pass under north/south roads which cross the reserve.

Improvements in Corridor West should include consultation with Blacktown City Council, Sydney Water and Council's Heritage team.

Relevant design strategies



CW1

Existing shared path (A): near Prospect Reservoir

This indicative section outlines one of the conditions between Prospect Highway and Prospect Reservoir. Flanked by areas of tree planting, the shared paths extend through a landscaped corridor which varies in width. There is limited passive surveillance, seating or conflict with other modes of movement. These shared paths connect through on-road cycle paths which extend further west around the Reservoir.



Provide seating with shade trees where possible to provide opportunities for rest along the cycleway

Retain and enhance existing planting adjacent to cycle paths which feature a mix of urban exotic/native trees

Widen existing 3m path to 5.25m where possible to match width of new cycleways further east with a dual lane cycleway and separated pedestrian path



Figure 45: Indicative section - Existing shared path near Prospect Reservoir

Corridor West

CW1

Existing shared path (B): along the Lower Prospect Canal Reserve

This indicative section outlines the condition that generally exists along the Lower Prospect Canal Reserve in Greystanes, between Gipps Road and Bayfield Road. Potential impacts on the heritage significance of the Lower Prospect Canal Reserve will need to be considered as part of any future testing.



Figure 47: Indicative section - Existing shared path along Lower Prospect Canal Reserve



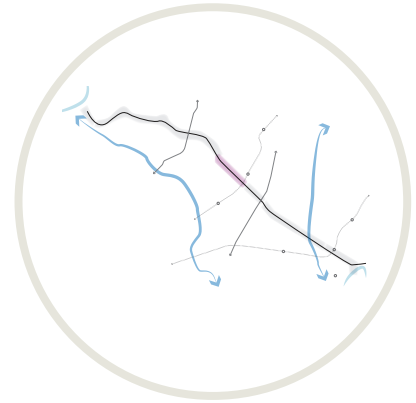
Lower Prospect Canal Reserve,

Corridor West

CW1

Existing shared path (C): In areas adjacent to existing development

This indicative section outlines the condition that generally exists between the Guildford Pipehead Complex and Byron Road along the northern and southern edges of the corridor. Dimensions are approximate, with grass area widths varying across its length.



Discuss expansion of existing cycleways with Sydney Water. This may not be possible in areas where the pipeline is located directly adjacent to the cycleway

Widen existing 3m path to 5.25m where possible to match width of new cycleways further east with a dual lane cycleway and separated pedestrian path



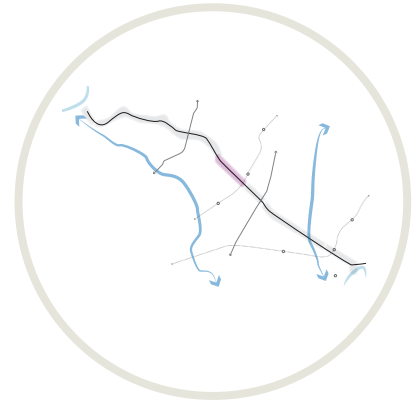
Figure 48: Indicative section - Existing shared path adjacent to Guildford Pipehead Complex

Corridor West

CW1

Existing shared path (D): In areas adjacent to the street

This indicative section outlines the condition that generally exists along Trenton Road, Guildford. Dimensions are approximate.



Include native grasses and low bushes to complement existing mature trees and provide habitat for animals, birds and insects

New seating to provide opportunities to rest along the cycleway

Widen existing 3m path to 5.25m where possible to match width of new cycleways further east with a dual lane cycleway and separated pedestrian path

Discuss expansion of existing cycleways with Sydney Water



Figure 49: Indicative section - Existing shared path along Trenton Road

5.4 PROSPECT RESERVOIR PRECINCT

The wide open spaces, native woodland and steep terrain of the Prospect Reservoir will form the western anchor of the Prospect Pipeline Corridor.

The Prospect Reservoir Precinct will form an important entry point to the corridor and its future extension further east towards the Cooks River and west towards Western Sydney Parklands.

Improvements to the existing amenity will aid in the elevation of Prospect Reservoir as a key attractor in Western Sydney, and together with Western Sydney Parklands, will function as destinational anchors for the region. This will expand on the existing landscape character of the precinct, existing parkland and sweeping regional views from George Maunder Lookout, to provide opportunity for rest, play and exploration of the site's history and Country. Building upon the site's existing heritage items, integration of Indigenous and post-colonial knowledge through signage and art within the precinct will provide opportunities for the public to learn and engage.

Improved recreation facilities including picnic tables, lighting, footpaths should be incorporated focussed on Walder Park and George Maunder Lookout. Existing stands of endangered communities of Cumberland Plain Woodland and Turpentine Forest should be expanded upon and connect to other remnant stands of habitat. Where improvements are undertaken, the use of locally sourced and recycled materials should be prioritised and its impact on the water.

In addition to the pedestrian and cycle connection, parking provision within the reservoir should be retained within this precinct to enable people to access the corridor by car and meet along the corridor.

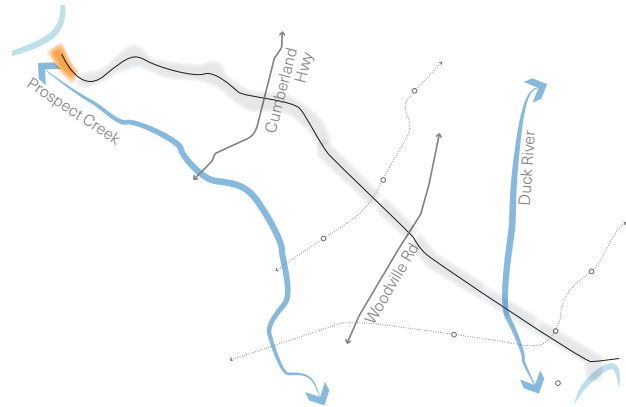









Figure 50: Precinct Reference Plan

-  Existing shared path - Lower Prospect Canal Reserve
-  Existing shared path - Prospect Creek
-  Existing pedestrian path
-  Existing crossing/traffic light
-  Proposed pedestrian/cycle bridge
-  Open space
-  Rest stop
- 1 Walder Park
- 2 George Maunder Lookout
- 3 Marrong Reserve
- 4 Holroyd Rifle and Pigeon Club

Corridor West

Relevant design strategies

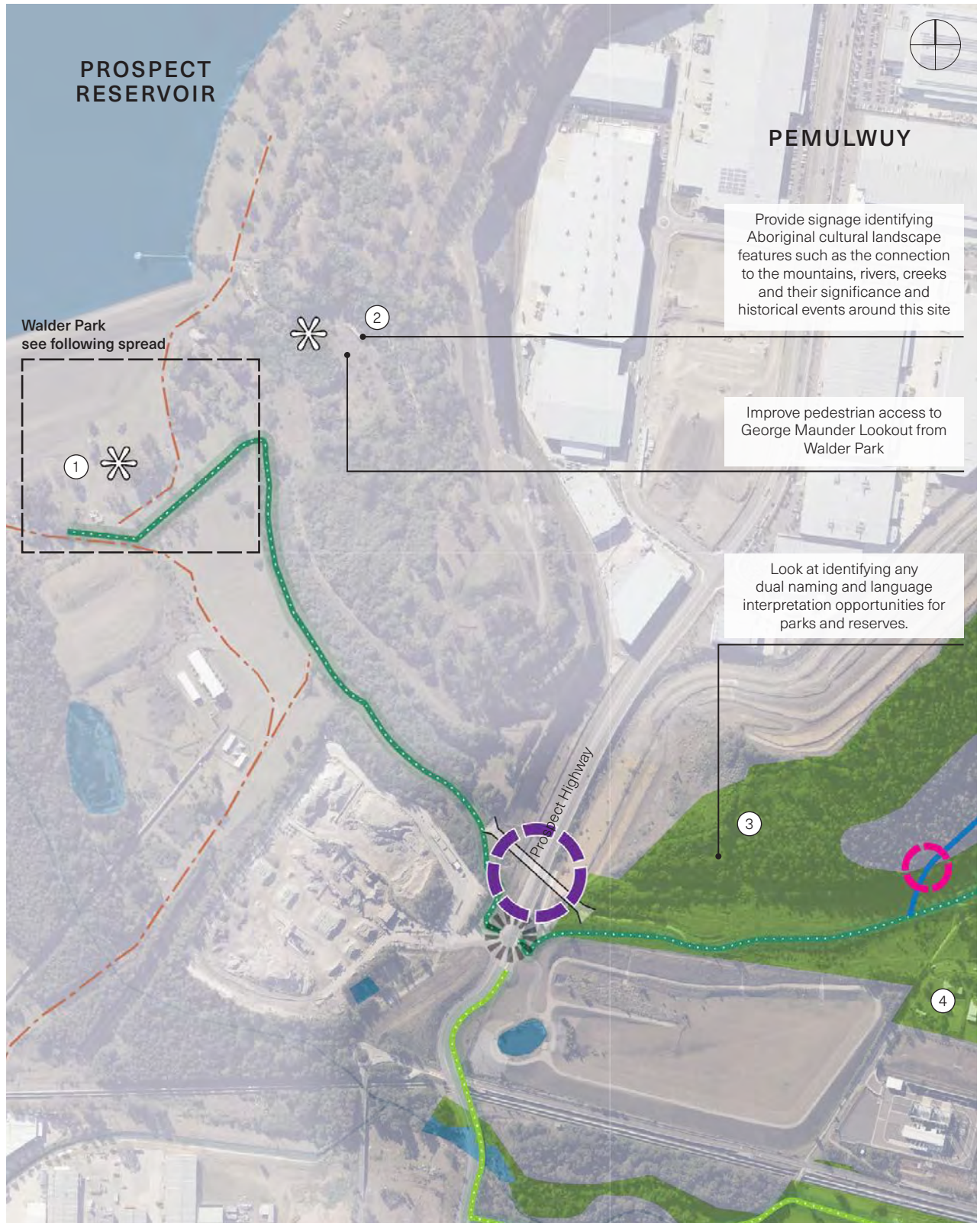
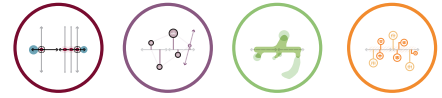


Figure 51: Prospect Reservoir Precinct

Corridor West

Walder Park

PR2

Considering the site as an arrival point or a final stop along the corridor, there are significant opportunities to further enhance the variety and amenity within this park to create a recreational destination for a wide range of users.

Walder Park will be the 'trail head' for the start of the cycle track and walking path, including facilities for accommodating families through to serious cyclists and walkers. It currently provides a generous, open green space adjacent to prospect reservoir. A small existing playground and picnic tables are supported by a carpark and amenities block.

The existing road network, car parking and amenities block can form the foundation for a more vibrant and enhanced offer, including new recreational activities increased greening, shade and inspire through story telling and interpretation. This will continue to support Walder Park as a place to meet and access the wider cycle network.

An enhanced future character of the park may present opportunities that include:

- The park as the 'trail head' for the start of the cycle track, include facilities accommodating families through to serious cyclists
- Integration of a bike hub, public amenities and potential cafe / kiosk
- Expanded play opportunities including nature play
- Foster children and adolescence cycling through learn to ride or pump tracks
- Rationalise picnic facilities and include increased shade and BBQs
- Establish areas for endemic habitat planting
- Educate through interpretation of indigenous stories, ecological systems and the role and importance of Prospect Reservoir within Sydney's water supply
- Using locally sourced materials such as sandstone blocks for informal seating areas and crushed sandstone surfaces for permeability of stormwater wherever suitable.
- Using recycled timbers and other recycled materials wherever possible



Figure 55: Cycle Hub- Fearnley Grounds at Centennial Park



Figure 53: Amenity: Picnic Nodes - Parramatta Park



Figure 54: Indigenous Culture in Play - Sharon Egan at Perth Stadium













Figure 52: Informative maps and signage - Caboolture Wamuran Rail Trail

Corridor West

Relevant design strategies



Figure 56: Walder Park indicative plan

-  Existing trees
-  Proposed trees
-  Share path connection to Lower Prospect Canal Reserve
-  Reservoir boundary fence
-  Picnic node
-  Toilet amenities
-  Bike rack
-  Active play
-  Play zone
-  Habitat planting

5.5 LOWER PROSPECT CANAL RESERVE PRECINCT

Steeped in history, the precinct is a reminder of the importance of water and the immense impact post-colonial development has had on the landscape.

Already established, the Lower Prospect Canal Reserve is a uniquely landscaped active transport corridor running along former Sydney Water infrastructure. Raised from its surrounds, it provides district views across Sydney and towards Prospect Hill/Mar-rong, a prominent Aboriginal site.

Connecting into Prospect Creek, also a traditional travel route for the Darug and Dharawal people, the precinct should facilitate opportunities to share stories of the site, identify cultural landmarks and key views.

Existing shared paths and remnant bushland along the reserve will be enhanced for habitat, facilities in adjacent parks, targeted lighting, seating and shade tree planting to provide comfortable and inviting spaces for use throughout the day and year. Adjacent to residential areas and a number of schools located nearby there will be opportunities to integrate gardens, yarning circles, heritage interpretation and indigenous language and public art will support new opportunities for learning for all ages.

Works within this precinct will need to be respectful of the existing flora and habitats established along the Lower Prospect Canal Reserve and heritage items along its length.

Opportunities should be explored:

- Engagement with school bush regeneration groups to look after this precinct
- Learning by older students around landcare management and ecology principles.
- Learning by younger groups around bush safety principles

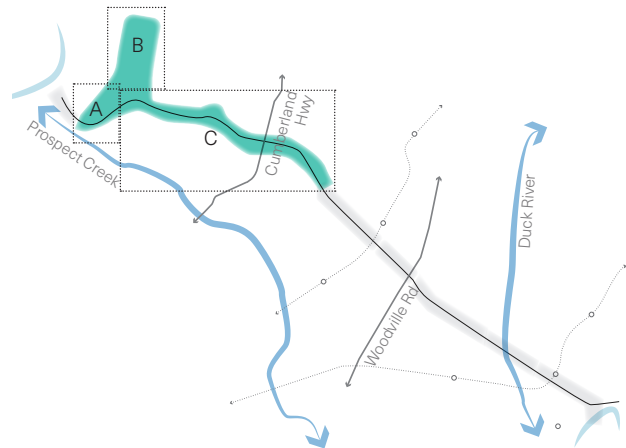


Figure 61: Precinct Reference Plan

- | | |
|---|--|
| | Existing shared path - Lower Prospect Canal Reserve and Prospect Reservoir |
| | Proposed recreation loop |
| | Existing crossing/traffic light |
| | Proposed raised pedestrian/cycle crossing and corridor entry point |
| | Open space/landscape upgrades |
| | District link for future investigation |
| | Open space |
| | Rest stop |
| 1 | Holroyd substation |
| 2 | Holroyd Rifle Range and Pigeon Club |
| 3 | Gipps Road Sporting Centre |
| 4 | Hyland Road Park |
| 5 | Hyland Road Reserve |
| 6 | Lower Prospect Canal Reserve |
| 7 | Grey Box Reserve |
| 8 | Prospect Creek Reserve |

Corridor West

Relevant design strategies

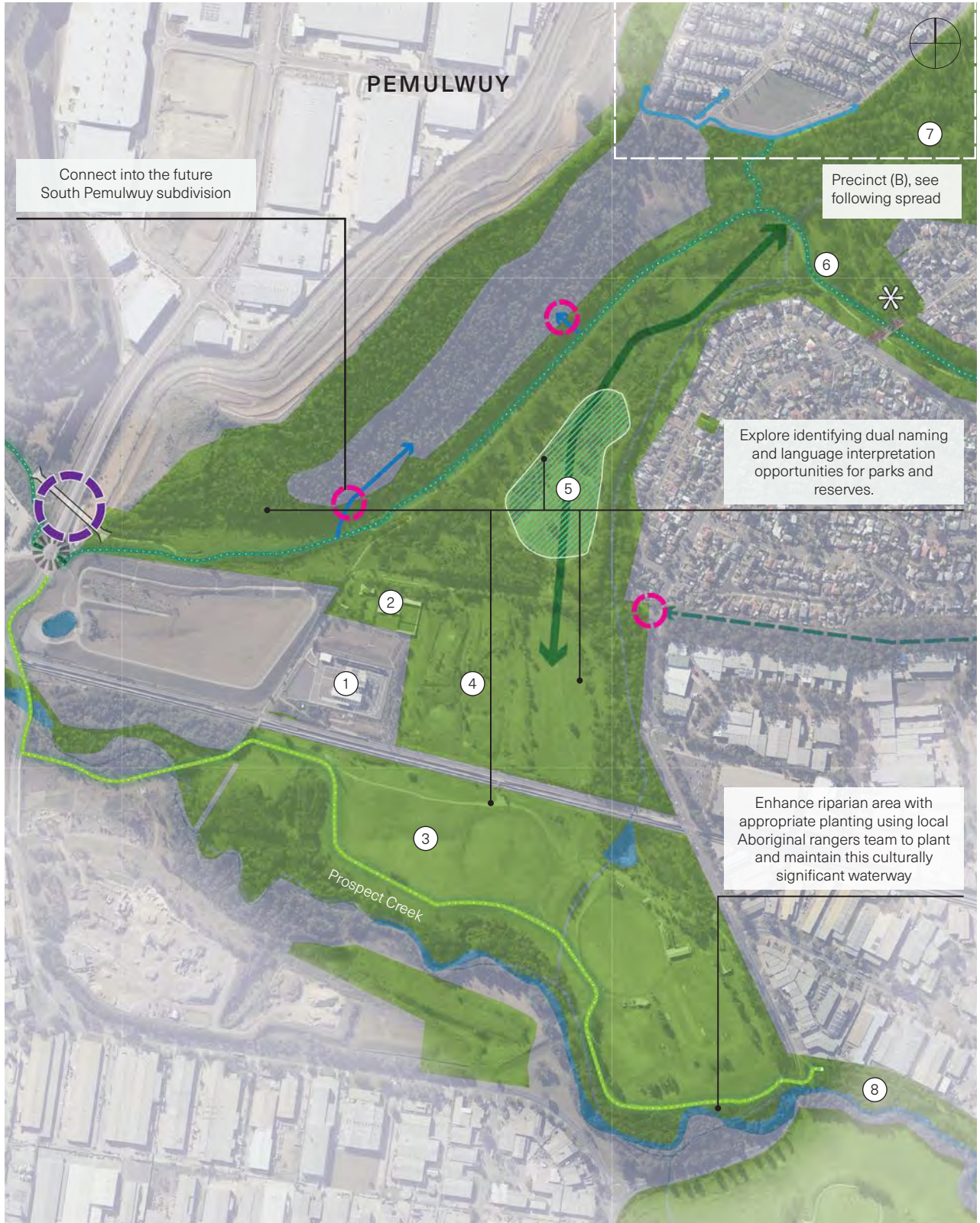


Figure 62: Lower Prospect Canal Reserve Precinct (A)



Lower Prospect Canal Reserve (West)

Corridor West

Relevant design strategies

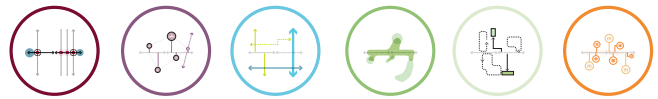


Figure 63: Lower Prospect Canal Reserve Precinct (B)

Corridor West



Figure 64: Lower Prospect Canal Reserve Precinct (C)

Corridor West

Relevant design strategies



Corridor West

Hopman Street Park

LP3.1

Parks along the length of the Lower Prospect Canal Reserve should be enhanced to provide:

- Opportunities for rest, recreation
- Habitat for animals, birds and insects
- New paths across the Lower Prospect Canal Reserve to support increased permeability and access to recreation and services.

As a detention basin, improvements at Hopman Street Park should balance the provision of amenity and facilities to residents with resilience to flooding and landscaping.

Opportunities to incorporate planting within the park should be considered to enable integrated filtering and treatment of water on-site. This also provides an opportunity to learn about water, the blue grid and the Lower Prospect Canal's significance.

A new path to support both pedestrians and cyclists is proposed to connect Hopman Street to Macquarie Street.

Relevant design strategies



Figure 65: Hopman Street Park

- Existing trees
- Share path connection to Lower Prospect Canal Reserve
- New path
- Drinking fountain
- Play zone
- Habitat planting



Figure 66: Water sensitive landscape design alongside native planting, Plough and Harrow, Western Sydney Parklands



Figure 67: Integrated water sensitive landscape design

Corridor West

Canal Road Park

LP3.2

Canal Road Park is a large sloping park with mature trees connecting the Lower Prospect Canal Reserve and Canal Road. As one of the larger parks directly connected to the Lower Prospect Canal Reserve, this will serve as a rest and recreation destination along the corridor.

The site is situated to the south of Hopman Park, between three local schools including Holroyd High School, Merrylands Public School and Widemere Public School. Given the proximity to a number of local schools along the corridor, the opportunity to establish dedicated areas for outdoor education for both formal and informal learning should be considered. These spaces may include amphitheatres, sheltered seating areas and ecological gardens. Education may focus on local environmental systems, land management, indigenous culture or outdoor fitness. This will complement the existing playground, which is a popular destination for local residents.

New habitat planting will enhance existing landscape to provide opportunities for animals, birds and insects. New paths will connect Canal Road to the Lower Prospect Canal Reserve providing easy access for pedestrians and cyclists alike. Opportunities to sit, rest and drink water will also be provided to support commuters and the general public moving along the corridor.

Considering limited visibility from the street and the residential interface along the park's northern edge, these improvements will be balanced with the need to provide passive surveillance and support safety for users and adjacent residents.

Relevant design strategies



Figure 68: Canal Road Park

- Existing trees
- Share path connection to Lower Prospect Canal Reserve
- New path
- Drinking fountain
- Play zone
- Habitat planting
- Yarning circle/storytelling area



Figure 69: Outdoor learning space, Beedawong, Kings Park WA



Figure 70: Fitness trail, Sydney Park

5.6 GUILDFORD PRECINCT

This precinct will seek to complement and build upon the existing residential character of the area.

Supporting better movement along the corridor through improvement of street crossing and better connecting existing cycleways to surrounding areas

The improvement of existing cycleways through the delivery of new pedestrian crossings and increased tree canopy will support day-to-day recreation for adjacent residents.

Streetscape upgrades and on-road cycleways on adjacent streets will new provide cool and attractive public domain spaces. This will promote walking and cycling to the key destinations of Guildford Town Centre and Train Station, Guildford Swimming Centre and McCredie Park, all within 800m of the corridor. Multiple schools and religious institutions including Guildford Public School, St Patrick's Guildford Holroyd Uniting Church and Holroyd Seventh Day Adventist Church are located along the corridor can benefit from opportunities for passive, active recreation and new opportunities for commuting.

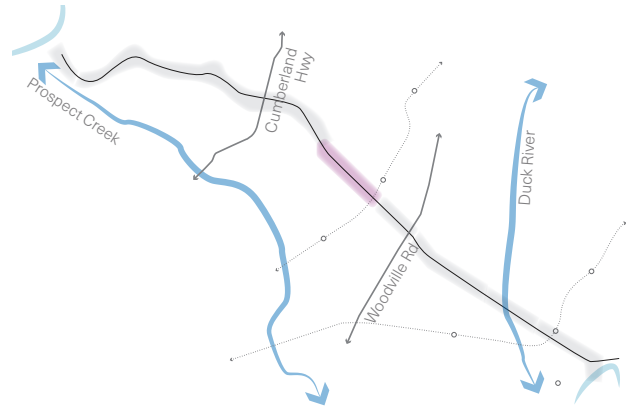


Figure 71: Precinct Reference Plan

- Existing pipeline
- Existing shared path - Lower Prospect Canal Reserve and Prospect Reservoir
- Existing shared path
- Existing pipeline fence
- Proposed pipeline fence
- Proposed dual cycleway and pedestrian path
- Proposed shared path adjacent to existing streets
- Proposed on-road cycle path
- Existing crossing/traffic light
- Existing traffic island crossing
- Proposed raised pedestrian/cycle crossing and corridor entry point
- New pedestrian/cycle bridge
- Improve existing bridge
- Proposed new corridor entry point
- Proposed streetscape upgrades
- Open space/landscape upgrades
- Proposed recreation cluster
- Proposed recreation loop
- District link for future investigation
- Open space
- Linnwood (Heritage item)
- School
- Train Station
- Rail line
- Rest stop

Corridor West

Relevant design strategies

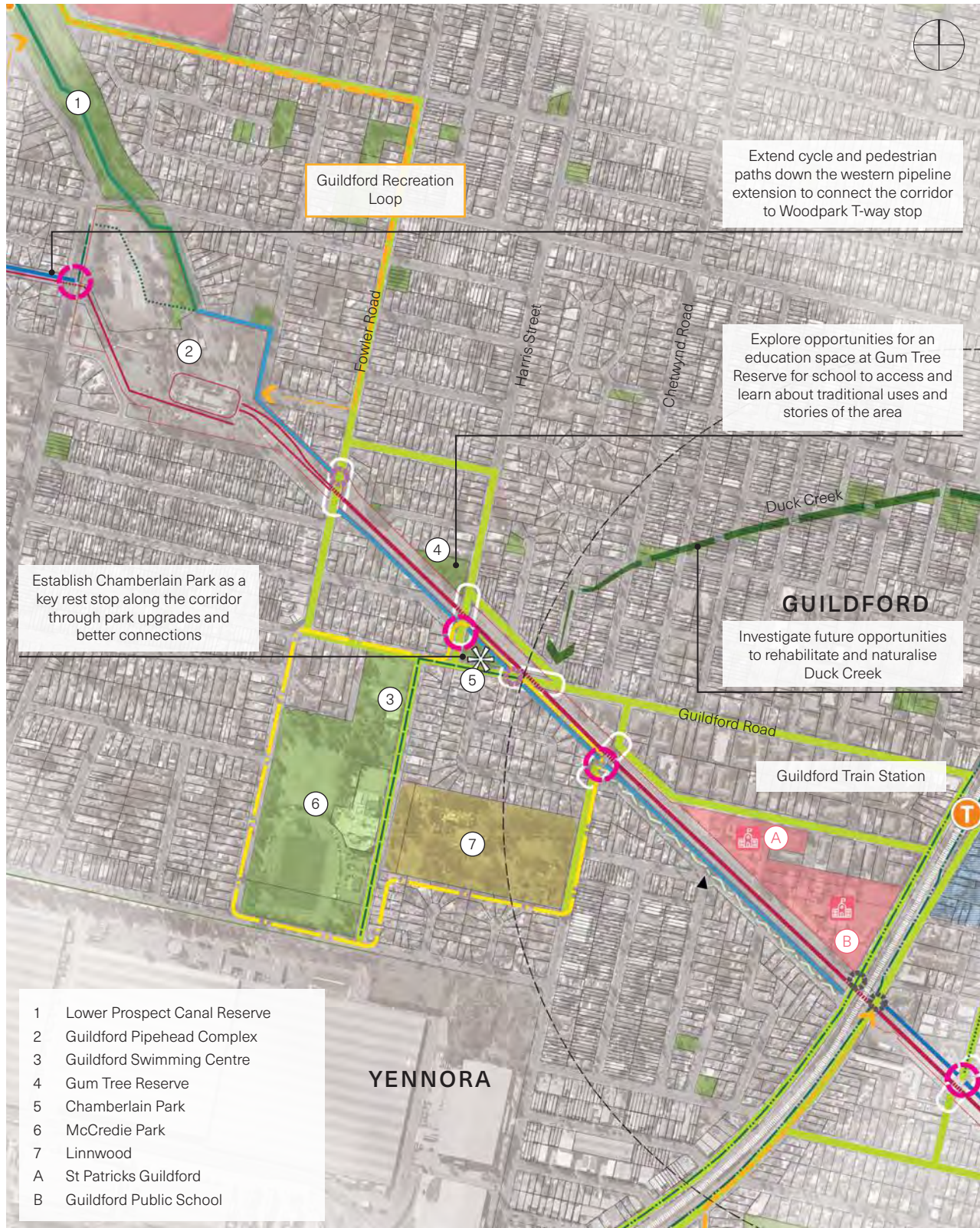
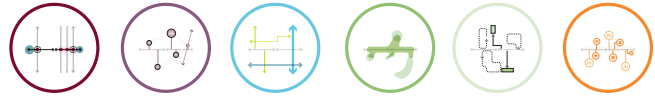


Figure 72: Guildford Precinct



Harris Street corridor crossing and Chamberlain Park