

1

CORRIDOR 1: NORTHCOTE GREEN LINK

EXISTING CONDITIONS SUMMARY

Key Attributes

An east - west aligned corridor extending from Darebin Creek to Merri Creek, traversing through Northcote and Fairfield Activity Centres. The corridor also connects with the St Georges Road Shared User Path.

The planned delivery of a new bridge over Merri Creek at Beavers Road will connect this route to Ceres environmental park and the Merri Creek trail. This route is being considered for designation as a primary transport cycling route as part of the State Government's Strategic Cycling Network.

Key Destinations

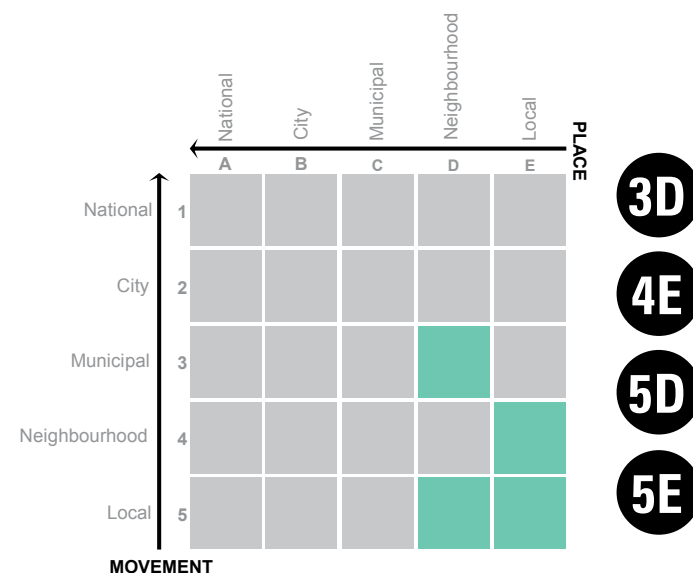
- High Street Activity Centre and Northcote Plaza;
- Croxton Station;
- All Nations Park;
- Northcote Aquatic Centre;
- Ceres & Merri Creek Trail; and
- Darebin Creek Trail.

Key Challenges

- Managing pedestrian and cycle movement over St Georges Road and High Street.
- Improving pedestrian and cycle amenity in the eastern industrial precinct, connecting to Darebin Creek Trail.
- Slowing vehicle movement along residential streets where designated as shared vehicle and cycle infrastructure.

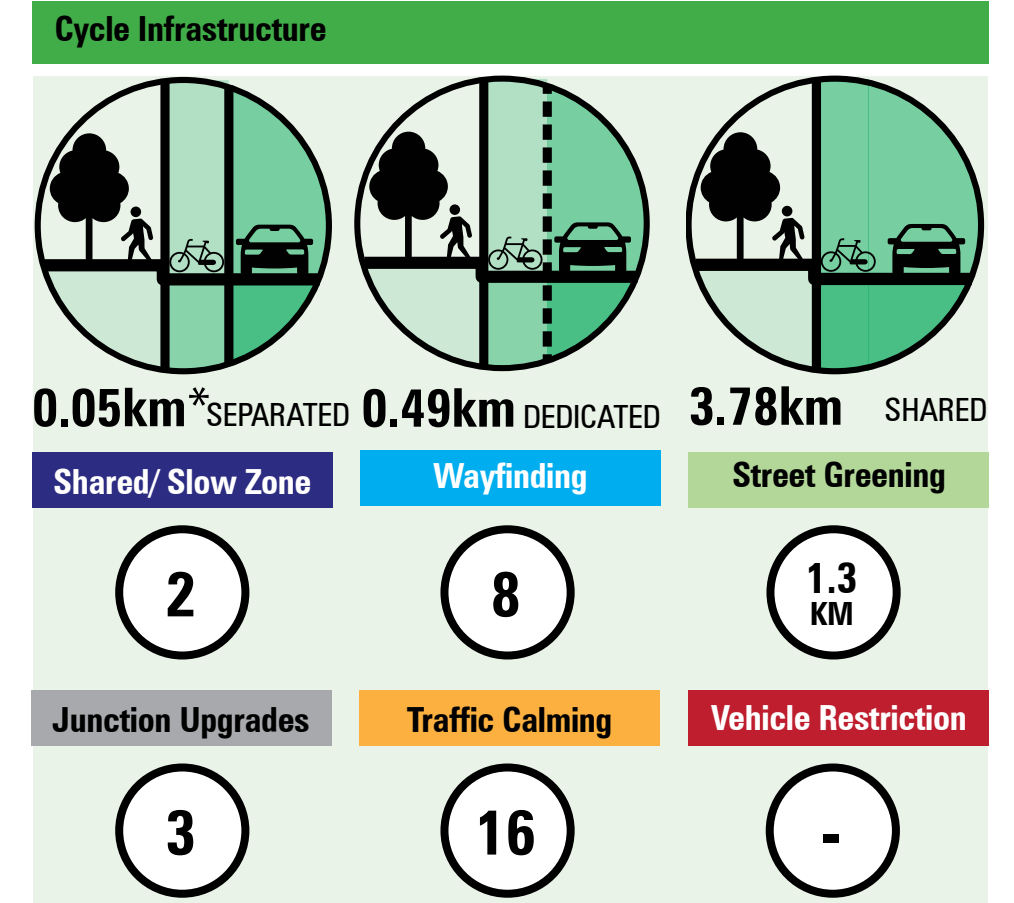
Movement & Place Designation

Corridor 1 comprises a total of 4 street types including:



○ Key Site
○ Corridor Intersection

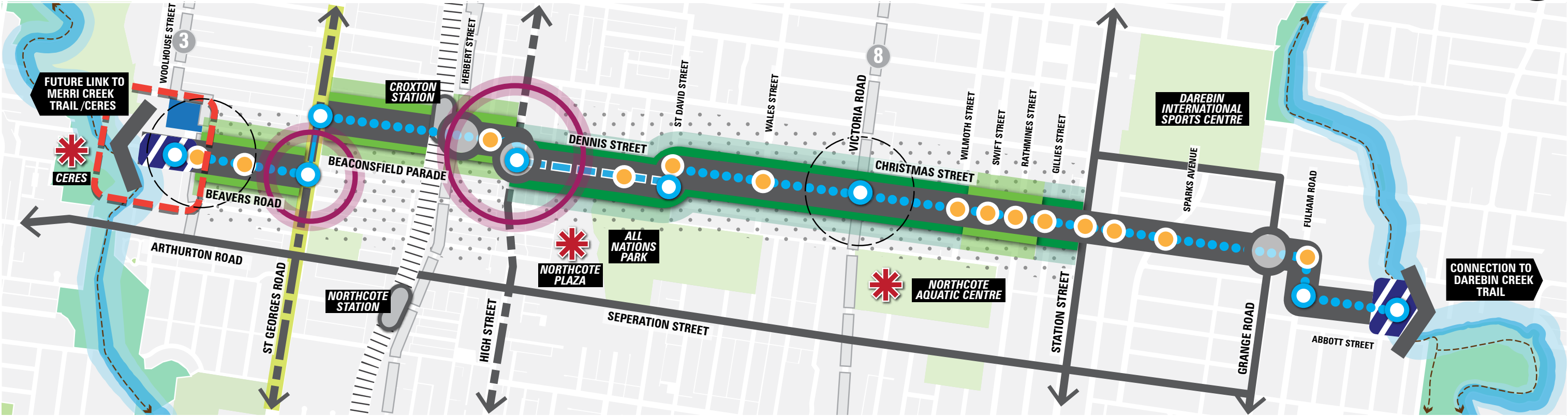
KEY OUTCOMES



1

CORRIDOR 1: NORTHCOTE GREEN LINK

CORRIDOR FRAMEWORK PLAN



Activity node

Key destination

Shared zone/slow zone

Wayfinding improvement

Street greening opportunities

Retain / Improve existing street planting

Junction improvement

Traffic calming

Integrated station node

Maintain efficient tram movement & improve stops

Protected cycle facility

Dedicated cycle facility

Shared vehicle & cycle facility

Streets for People Corridor 1

Other Streets for People Corridors

Major roads

Existing trail/off road

Median shared user path

Corridor intersection

Key Site

Commercial

Residential (medium- high density)

Residential (low- medium density)

Institution

Existing industrial (potential future medium- high density mixed use)

Open space/ reserve

CORRIDOR AMBITIONS:

1. Implement shared zones at each end of the corridor to clearly define the entry points from Merri Creek and Darebin Creek Trails and improve ease of access at these gateway locations.
2. Investigate improvement to junctions along intersecting major roads to improve safety and functionality of walking and cycling along the corridor.
3. Implement traffic calming measures at the intersection with local streets to support safe pedestrian and cyclists movement along the corridor.
4. Focus high quality pedestrian and cycle upgrades within and leading toward activity nodes at St Georges Road and High Street.
5. Build on the existing canopy coverage of Christmas Street and extend landscape improvements along residential streets.


Hansen Partnership Pty Ltd 32

1

CORRIDOR 1: NORTHCOTE GREEN LINK


RECOMMENDED DESIGN TREATMENTS


To be read in association with **Corridor Framework Plan** on Page 32.

CYCLING
CONFIDENCE

CORRIDOR 1: CYCLE INFRASTRUCTURE


Streets	Recommended Cycle Infrastructure	Existing Cycle Infrastructure	Comment
Beavers Rd	Shared cycle and vehicle	N/A	
St Georges Rd	Off road protected cycle lane	Off road dedicated cycle lane	Retain existing.
Beaconsfield Pde	Shared cycle and vehicle	N/A	Entry treatment at intersection with St Georges Road.
High St		N/A	High Street improvement project by others. Some safe/protected cycle infrastructure required.
Dennis St	Dedicated cycle lane (line marking, no buffer)	Shared cycle and vehicle. Kerb build outs between parking.	Very narrow footpaths in high demand pedestrian area. Extend where possible.
St David St	Shared cycle and vehicle	Shared cycle and vehicle	
Christmas St	Shared cycle and vehicle	Shared cycle and vehicle	
Christmas St & Wales St Junction	Dedicated cycle lane (line marking, buffer)	N/A	Cycle marking through roundabout.
Fulham Rd	Shared cycle and vehicle	N/A	To fit cross section.
Abbott St	Shared cycle and vehicle	N/A	To fit cross section.


MINIMISE
CONFLICT

PRIORITISE
PEOPLE

CORRIDOR 1: JUNCTION TREATMENTS

Streets/ Junctions	Recommended Junction / Intersection Treatment Type	Comment
Beavers Rd & Woolhouse St Junction		Intersection with Corridor 3 - Closure/ restriction of Woolhouse at Arthurton (as part of Corridor 3) will reduce through/non-local traffic volume at this intersection.
Beavers Rd (Between Woolhouse St & St Georges Rd)	Type H	Mid-block pinch point.
Beaconsfield Pde	Type K	Entry treatment at intersection with St Georges Road.
Beaconsfield Pde/ Herbert St/Rail Crossing	Roundabout improvement	Improve roundabout treatment to provide more direct cycle link to crossing.
Dennis St	Type E Shared area	Very narrow footpaths in high demand pedestrian area. Extend where possible.
Dennis St (All Nations Park)	Type N and Type K at intersection	Raised table (extended to allow bus movement).
St David St	Type M	
Christmas St (Between St David St & Wilmouth St)	Type H (x3)	3 Midblock points between St David St / Wilmouth St. Pinch points to calm traffic.
Christmas St & Victoria Rd Junction	Type K Type N	Intersection with Corridor 8. Treatment to combine with Corridor 8 recommendations.
Christmas St & Wales St Junction	Roundabout improvement	Cycle marking through roundabout.
Christmas St & Wilmoth St Junction	Type K +route priority change	Reverse priority and raise side road approaches.
Christmas St & Swift St Junction	Type K	
Christmas St & Rathmines St Junction	Type K +route priority change	Reverse priority and raise side road approaches.
Christmas St & Gillies St Junction	Type K	

MINIMISE
CONFLICT

PRIORITISE
PEOPLE

CORRIDOR 1: JUNCTION TREATMENTS (continued)

Streets/ Junctions	Recommended Junction / Intersection Treatment Type	Comment
Christmas St & Station St Junction	Type K	Combined pedestrian and cycle signalised crossing point.
Christmas St & Sparks St Junction	Route priority change	Reverse priority at Sparkes Ave and adopt a staggered T-intersection.
Christmas St & Grange Rd Junction	Signalised intersection improvement	Grange Road intersection - signalised intersection with pedestrian and bicycle priority - example Johnston St / Napier Street, Fitzroy.
Christmas St & Fulham Rd Junction	Route priority change	Reverse priority at Christmas / Fulham.
Fulham Rd & Abbott St Junction	Route priority change	Reverse priority at Fulham / Abbott St.

Corridor intesections

1

CORRIDOR 1: NORTHCOTE GREEN LINK

KEY SITE: WESTERN GATEWAY

Site Features

- Narrow street condition with informal parallel parking along south side of the street.
- Existing large format commercial and light industrial buildings with emerging residential development occurring to the northwest.
- Wide crossovers to commercial sites.
- Footpath to both sides of the street.
- Limited street tree planting.
- Proposed bridge connection to be provided over Merri Creek to CERES and trail.

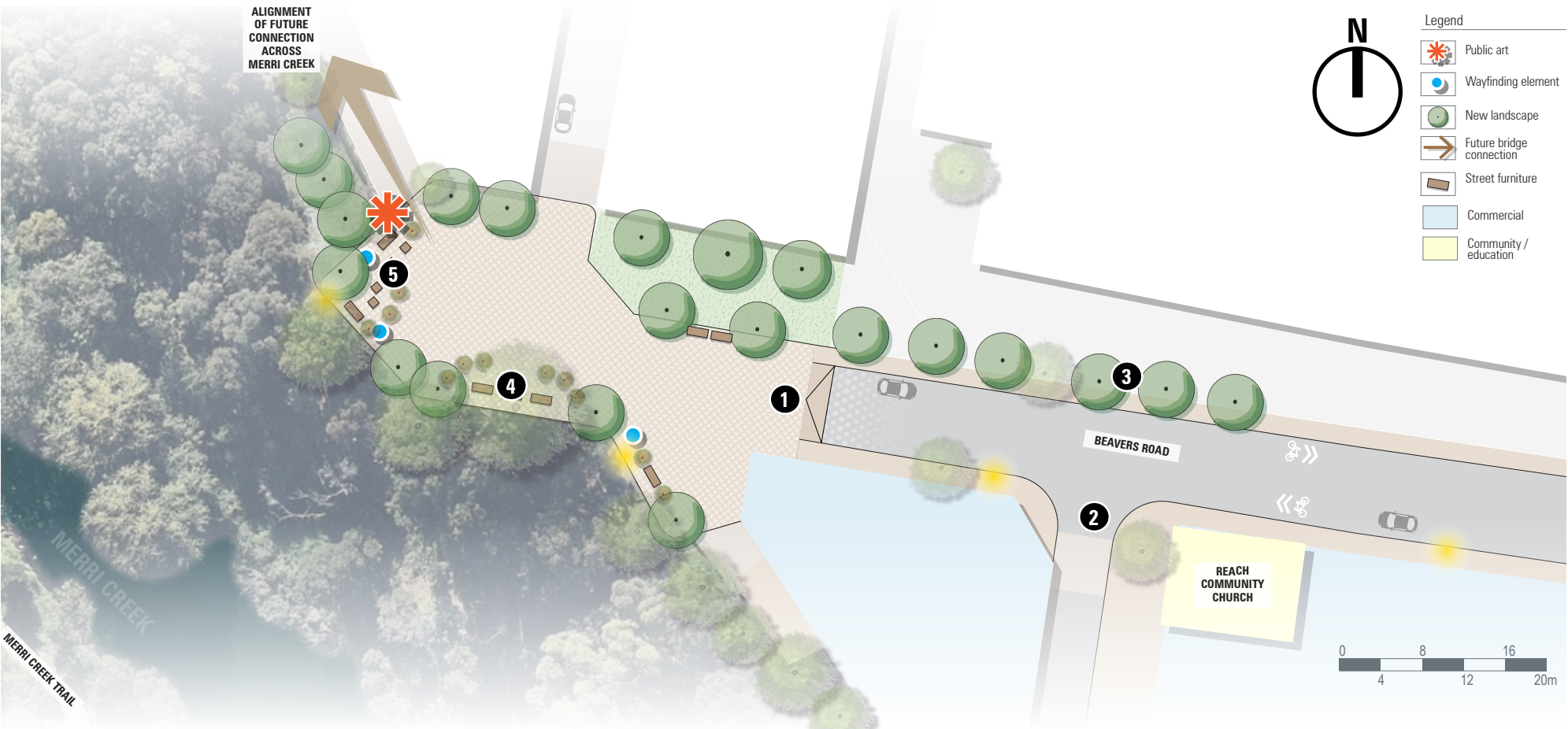
Site Objectives

- To create a high quality public realm that encapsulates the landscape characteristics of Merri Creek Corridor.
- To discourage vehicle movement at the gateway to Darebin and Merri Creek Corridor.
- To complement future mixed use development along Beavers Road, providing additional public open space.

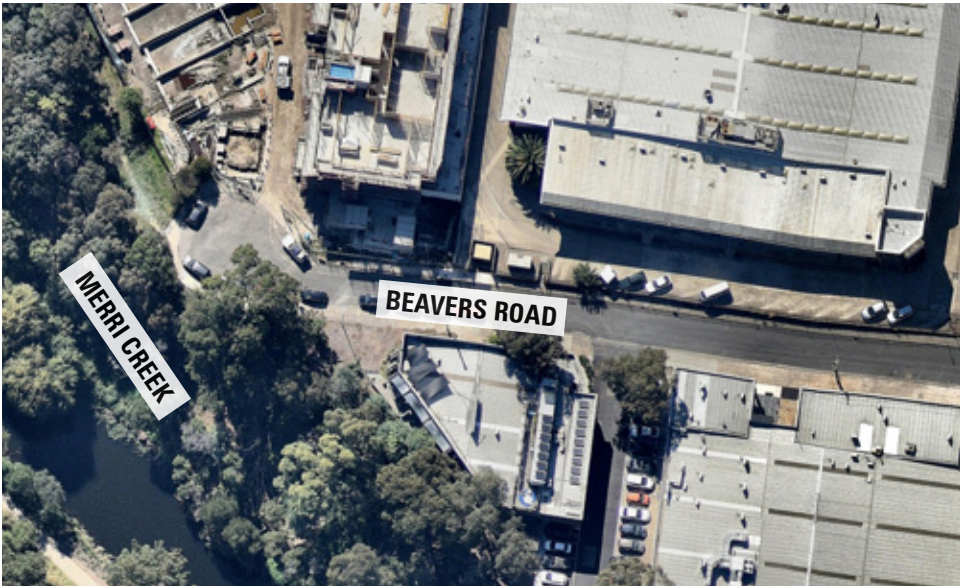
Key Actions (refer to indicative concept plan)

- 1 Implement a raised paved shared zone at the end of Beavers Road, aligned to the bridge access across Merri Creek.
- 2 Implement a traffic calming ground plane treatment, such as a patterned Omnigrip surface, to the east of the shared zone vehicle ramp.
- 3 Encourage additional native street tree planting along Beavers Road where possible.
- 4 New street furniture opportunities within the proposed paved area (positioned outside of emergency vehicle turning circle requirements).
- 5 New lighting and wayfinding treatments to define gateway to Darebin and Merri Creek.

Indicative Concept Plan



Existing Conditions



Indicative Precedents

