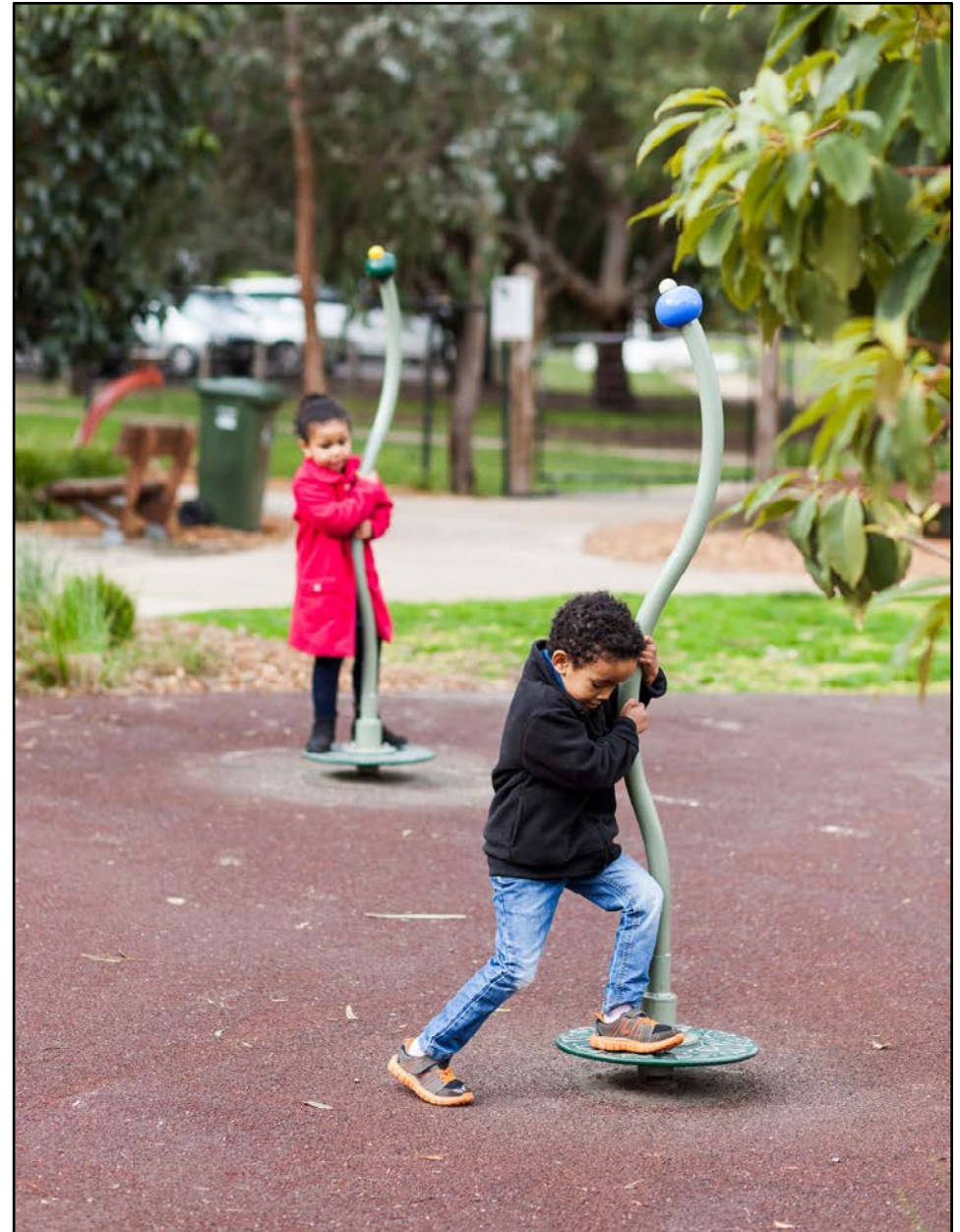


A Joint Community Infrastructure Plan

for the
La Trobe National
Employment Cluster

Draft Final Report

October 2016



Acknowledgements

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This version of the Executive Summary Report is based on the draft version 4 prepared by ASR Research Pty Ltd and TRACT Consulting Pty Ltd
May 2016

Information and descriptions contained in this publication are current at the time of printing. Subsequent changes may occur. While attempts have been made to ensure information is accurate it is not intended as precise or absolute in its representations.



Foreword

What happens when you bring together four government agencies, two local governments, two community health centres, a regional hospital and a major tertiary institution to plan for a future community and its service and infrastructure needs? This is not a trick question but a real challenge for the Joint Community Infrastructure Plan (JCIP) Working Group and the Plan it was charged with delivering.

This project has grown from the desire to better utilise the Darebin Creek as a centre-piece of community infrastructure.

The prospect of enhanced information for decision-making, greater knowledge of what other service providers are planning and the hope of more responsive services delivered through a network of facilities are some of the project objectives that attracted such a diverse group of project partners. Yet all the partners have different demands, objectives, operating structures and funding priorities.

The partners agreed that the existing processes and approaches to community infrastructure provision were not sustainable. It is a common situation where service funding is constrained, infrastructure upkeep is costly and older facilities no longer meet current, let alone future community needs. This project has teased out a range of options including new delivery and governance models that will be sustainable into the future.

A clear win in the early stages of the project was the sharing of local knowledge and the changes in planning as a result of using this information. Shared knowledge between the partners has provided multiple perspectives leading to a richer view of the future community's profile and needs. Applying a place-based methodology to planning for services offers providers the opportunity to consider the type of place the community comes to as well as the quality of the service being supplied in a particular location.

It will be through the forging of new relationships and looking for innovative models that enhanced community infrastructure will be achieved.

The JCIP Working Group would like to acknowledge all the project partners organisations in terms of the resources, funding made available to the project as well as in-kind contributions. The successful delivery of this Plan is the result of over two years of work, research and numerous collaborative conversations. The partnerships forged through this process form a strong platform for the long term implementation of the Plan.

Joint Community Infrastructure Plan Working Group

Tables of Contents

Acknowledgements	2
Foreword	3
Table of Contents	4
1 Overview	5
1.1 Project Partners	6
1.2 Purpose	7
1.3 Issues and Challenges.....	8
2 Objectives.....	9
3 Outcomes of the Study	10
4 Short Term Action Plan	13
5 Scope of Services and Facilities.....	16
6 Assessment Methodology.....	17
7 Dwelling and Population Assumptions.....	17
8 Darebin Creek Corridor Masterplan.....	19
9 Darebin Creek Corridor Master Plan Actions	22
10 Long Term Implementation Plan.....	39
Appendix A – Abbreviations	66
Appendix B – Limitations	67
Appendix C – References	68

Figures

Figure 1 - La Trobe National Employment Cluster Study Area.....	5
Figure 2 – Division of Priority Action Recommendations along the Darebin Creek Corridor	22
Figure 3 – Northern Section Actions: Master Plan Map IDs.....	25
Figure 4 – Middle Section Actions: Master Plan Map IDs	31
Figure 5 – Southern Section Actions: Master Plan Map IDs.....	35
Figure 6 - Study Area, Precincts and Sub-precincts.....	40

Tables

Table 1 - Summary of Dwelling and Population Outcomes for LTNEC under a Low and High Development Scenario.....	17
Table 2 - Entire Darebin Creek Corridor Study Area Action List	23
Table 3 - Northern Section Action List	26
Table 4 - Middle Section Action List.....	32
Table 5 - Southern Section Action List	36
Table 6 - LTNEC Precincts and Sub-precincts	40
Table 7 - Cluster Wide Implementation Plan	41
Table 8 - North Precinct Implementation Plan.....	44
Table 9 - West Precinct Implementation Plan.....	49
Table 10 - Central Precinct Implementation Plan	55
Table 11 - East Precinct Implementation Plan	61

1 Overview

The Cities of Darebin and Banyule, La Trobe University, the Victorian Planning Authority (VPA) and Department of Health and Human Services (DHHS) engaged Australian Social & Recreation Research (ASR Research) and Tract Consultants to prepare a detailed community infrastructure plan for the La Trobe National Employment Cluster area (LTNEC) as shown in Figure 1. The Cluster is one of six such areas designated by *Plan Melbourne*, the Victorian Government's metropolitan strategy, for significant future growth in employment and residential development. The designation of this area as an employment cluster has significant implications for community infrastructure provision, as well as the role and function of the Darebin Creek, an important environmental and social artery connecting many of the communities located within LTNEC.

The core aim of the Plan is to identify ways in which the existing silo approach to community infrastructure provision can be changed to ensure future services and infrastructure are delivered in an integrated, efficient and equitable way for participating organisations as well as benefits to the community.

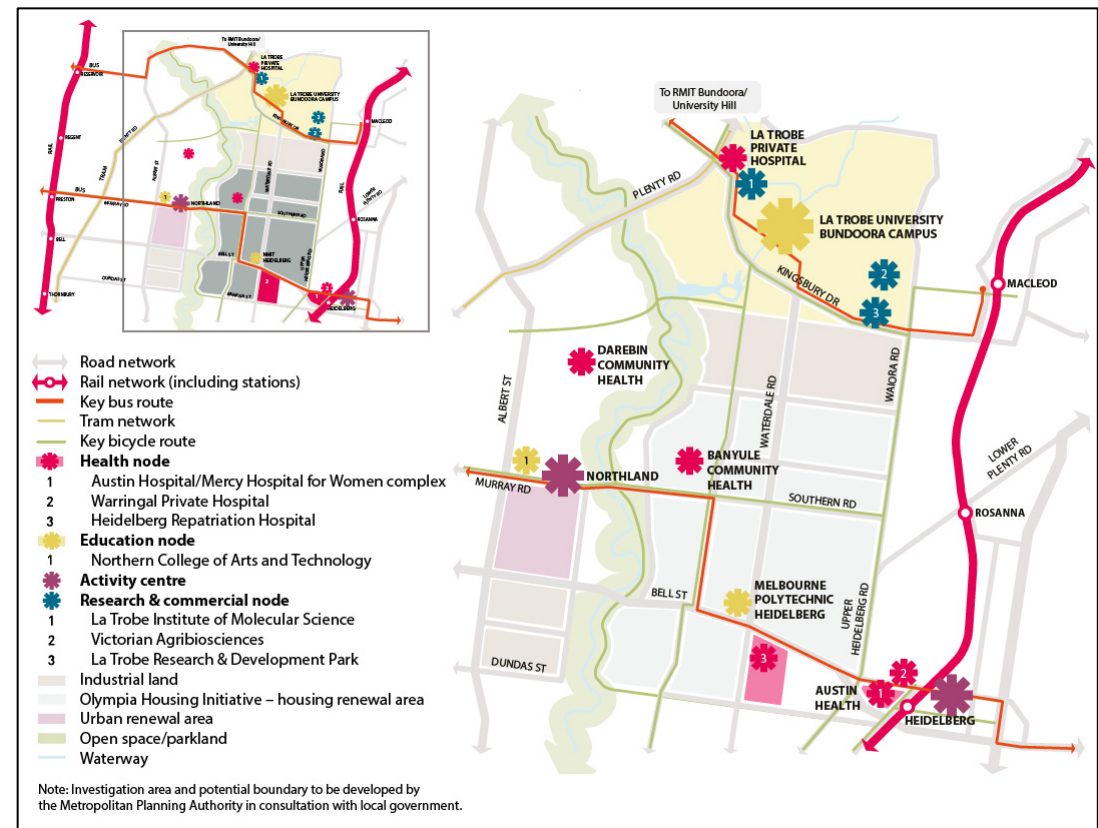
Study Area

The Study Area has been chosen to align with the La Trobe National Employment Cluster.

Although different catchment areas, sometimes overlapping, were considered based on the service delivery model or facility catchment.

Figure 1 - La Trobe National Employment Cluster Study Area

Source: Modified from *Plan Melbourne* (2014)



1.1 Project Partners

The collaborative methodology adopted for this project and building of a shared information base has proven to be an attractive proposition for a number of agencies.

Local Government

Both Banyule and Darebin City Councils have approached this project with the view to plan for future community infrastructure to be provided with greater efficiencies and in a manner that maximises cross-community benefits. Local government is continually seeking to identify ways in which planning for growth affords more effective staging of infrastructure delivery, especially when significant lead-times for land acquisition or long term infrastructure financing is involved.

La Trobe University

La Trobe University, as a major education and research institution in the Cluster, works closely with both Councils in providing services for its worker and student communities as well as creating new opportunities for the surrounding communities to access. The University has recently completed a comprehensive planning exercise to prepare a Master Plan for its Melbourne Campus, Bundoora that sits within the La Trobe National Employment Cluster. The long term vision is for a town centre that engages with the surrounding communities on every level – education, research, retail, residential, transport, health, sport and recreation, and employment.

Darebin and Banyule Community Health Centres

Given the significant amount of growth the Cluster area will experience in the next 10 -20 years it was timely to include both the Darebin Community Health and Banyule Community Health Centres in the Study. Both Centres are within walking distance of the Darebin Creek corridor and provide a diverse range of services to the local communities.

Austin Health

Austin Health provides an extensive range of acute, sub-acute and mental health services and a comprehensive range of specialist outpatient services and outreach services. In addition to being a major provider of specialist health services to Victoria, Austin Health has a strong commitment to providing community hospital services to its local community.

Austin Health is home to a number of state-wide services, such as the Victorian Spinal Cord Service, Victorian Respiratory Support Service, Victorian Liver Transplant Service, Acquired Brain Injury (ABI) Unit, Child Mental Health Inpatient Unit and Victorian Poisons Information Centre.

Clinical services are provided from Austin Hospital, Heidelberg Repatriation Hospital (HRH), Royal Talbot Rehabilitation Centre (RTRC) and some community facilities.

Victorian State Government Agencies

The participation of the following State Government agencies in this project represents a whole-of-government approach to services and facilities planning:

- Victorian Planning Authority (formerly the Metropolitan Planning Authority)
- Department of Health and Human Services (both Housing and Health departments had representatives on the Working Group)
- Department of Environment, Land, Water and Planning

The Victorian Planning Authority (VPA) contributed \$19,360 towards completion of the project. The Department of Health and Human Services (DHHS) - North Division (previously North Metro Health Region) had provided \$22,500 to enable Austin Health, North East Primary Care Partnership (NEPCP), Banyule and Darebin Community Health Services to participate in a health infrastructure planning study of the La Trobe Employment Cluster area.

1.2 Purpose

The purpose of this report is to draw together all the disparate pieces of information used to plan for services and infrastructure provision by the various project partners and form a platform for a more integrated and coordinated delivery in the future. While this may seem a common sense approach, this exercise has identified a number of structural barriers that perpetuate siloed delivery of services and single use facilities. The audit of existing services and facilities demonstrated that the Cluster is well supplied, but provision is fragmented and somewhat dispersed. This exercise also highlighted that many providers were unaware of the range of services, some similar and some complementary, that were being offered within the Cluster or their catchment of interest. This Plan acts as a source document of ideas and opportunities created from the perspectives of multiple providers and users.

1.3 Issues and Challenges

Responding to existing demand

Local and State Government provides a range of services, particularly targeted within identified municipal boundaries or selected catchments. However, service users—our communities—do not readily identify with these boundaries when they use local or regional services. This lack of connection with local facilities or exercising of choice preferences can often lead to a skew in service provision.

The demand for community facilities is further exacerbated by existing high levels of socio-economic disadvantage and a concentration of public housing either side of the creek. A trend is emerging in several locations where the local population profile does not reflect the demand for community infrastructure, especially when accessing education and health services.

Fragmented Provision

The above-mentioned trend causes providers to respond in the short term directly to pressure with little coordination in the delivery of services. A segregated approach by separate providers creates the potential for overlap, duplication and inefficient use of resources. This is particularly true in early years, aged care and residential, community health, social facilities and the provision of quality open space.

Changing demand as a result of growth

Several urban renewal precincts within the Cluster are forecast to receive significant amounts of growth over the coming decades. This growth will bring with it a change in the demand on services as well as a change in expectation in how the services will be delivered.

Darebin Creek corridor

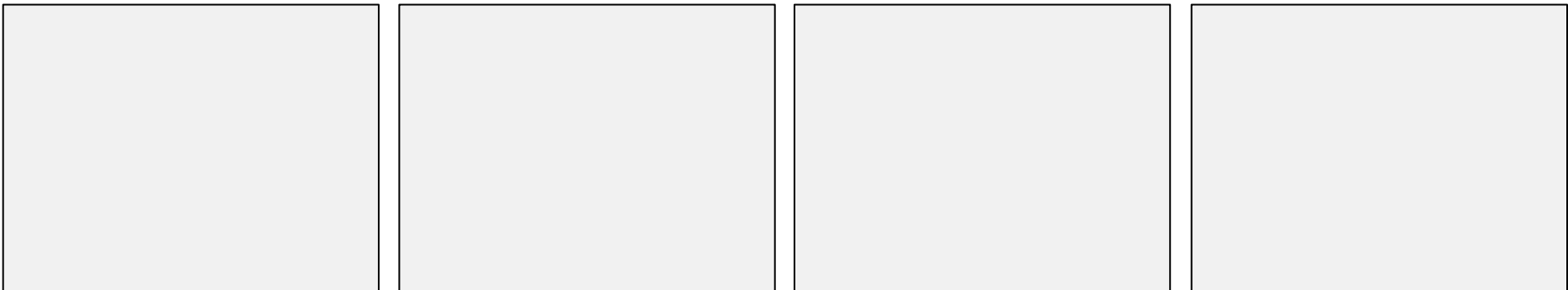
The Darebin Creek is a centrally located feature in the study area, as well as in broader infrastructure and community catchments. Yet, it does not play a defining role for the area and is often perceived as a barrier between the two municipalities of Banyule and Darebin. La Trobe University, Darebin and Banyule Councils each have a responsibility for managing a part of this local waterway system and share a strong common interest in leveraging community benefits from this established asset.

These Issues and Challenges and broad project scope have led to a comprehensive set of objectives being formed.

2 Objectives

The specific objectives of the project were developed through a collaborative approach with all the project partners, and the following list reflects the broad scope of the infrastructure being considered:

1. Assess the likely impacts of proposed population growth within the LTNEC on existing community infrastructure.
2. Harness the Darebin Creek (and tributaries extending into the La Trobe University grounds) and surrounding environs to support community health and wellbeing, improve perceptions of safety and accessibility.
3. Ensure that thinking and planning extends over generational cycles of the various surrounding communities.
4. Where feasible, plan for existing services and facilities to transition over time to meet new or future needs.
5. Incorporate a high level of flexibility and adaptability in any future facilities proposed to maximise use and community benefits.
6. Seek to co-locate services and facilities or leverage off existing infrastructure to gain efficiencies through shared provision.
7. Facilitate active modes of transport such as walking and cycling and movement via public transport as a preference to private car use.
8. Give priority to outcomes that support the long term sustainability of the services, infrastructure and the waterway system.
9. Adopt collaborative and consultative processes to deliver integrated outcomes.
10. Develop outcomes that bring greater alignment between all the infrastructure providers.



3 Outcomes of the Study

An ongoing process of consideration and review of the options identified in this Plan is required to ensure actions of project partners are aligned and coordinated towards a shared vision. The successful implementation of this Plan relies on each partner organisation committing adequate resources and in-principle funding to support the staged delivery of a number of projects.

In many instances the recommendations in the Implementation Plan are not new initiatives, instead they have been repackaged in a way that facilitates shared delivery which reduces the burden on a single provider.

Short Term Action Plan

A Short Term Action Plan has been prepared to highlight the actions each of the project partners will be undertaking in relation to this Plan.

Community Hubs

As a result of the data collected, the policy and infrastructure audit and analysis, a preference for the provision of community infrastructure into the future should be through the creation of Community Hubs in highly accessible locations. This is a clear shift from the focus on individual services in separate locations which characterised the past provision model.

A Community Hub is a geographic location within a neighbourhood containing a diverse range of infrastructure and services in proximity to each other. These hubs will provide

a major focal point for existing and future residents. Typical infrastructure may include children's services, health services, education facilities, recreation facilities and passive open space as well as a high quality public realm.

To be successful these Hubs will be highly accessible for pedestrians, cyclists and people using public transport. A well designed and connected network of off- and on-road pathways leading to and from these Hubs, and linking to other nearby destinations such as open space, schools and activity centres should be a key outcome.

The potential for the development of a Community Hub has been identified within each Precinct of the Cluster.

New Working Relationships

Another key outcome of this project has been the establishment of new working relationships between government agencies and other service providers. The multiple benefits gained from working in partnership and each partner making a contribution has been realised through the development of this Plan. In addition, a greater level of coordination between agencies and in shaping suggested projects has been achieved as a result of having multiple agencies at the table during the project. The provision of local community infrastructure facilities and services often has an impact on services provided by State Government, especially in relation to *Housing* and *Health* services which are managed on a regional scale. Opportunities to fine-tune planning for services have been created through the consideration of changes to the local context results in a greater alignment of services with estimated future growth needs.

Supporting Community Groups to Establish

The Australian Somali community, which is situated across both sides of the Darebin/Banyule boundary have raised \$2.4 million and purchased a property in Chifley Drive, East Preston to establish a Community Education Centre. The Darusalam Society are eager to maintain their links between the two municipalities and are encouraging both Councils to construct a foot bridge over the Darebin Creek adjacent to their facility.

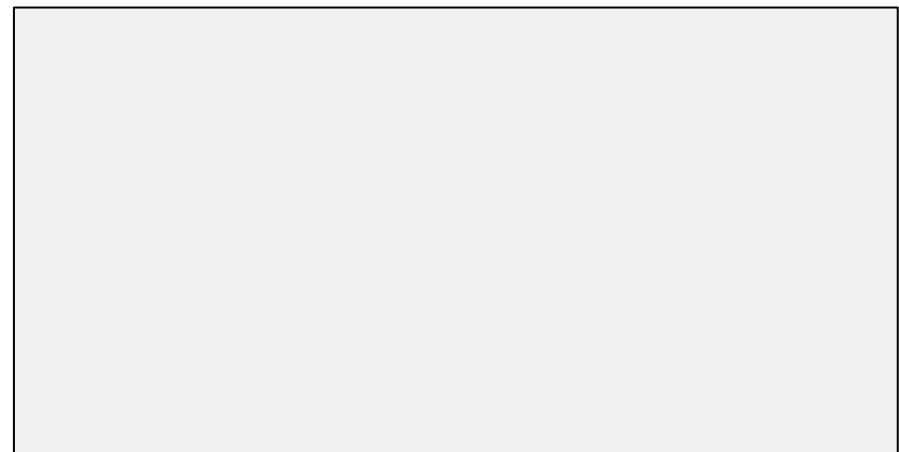
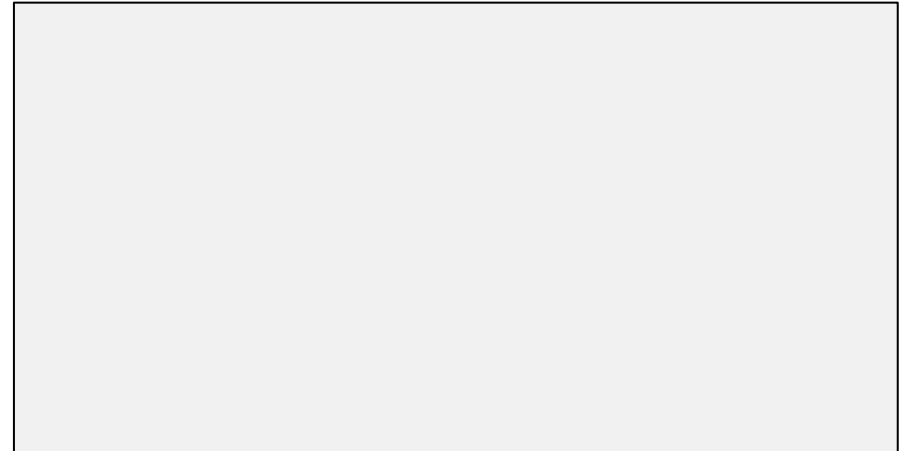
La Trobe National Employment Cluster

The JCIP report is an input into the preparation of the La Trobe National Employment Cluster Framework Plan, to address future community needs based on a whole of government approach through the JCIP working group. Detailed reference to select community infrastructure items to be funded through future developer contributions will be made in the preparation of the Infrastructure Contributions Plan as part of the implementation of the Framework Plan.

Health Outcomes

A health specific partnership was established to identify and plan for existing health facilities, particularly in a way that facilitated integrated service planning and delivery.

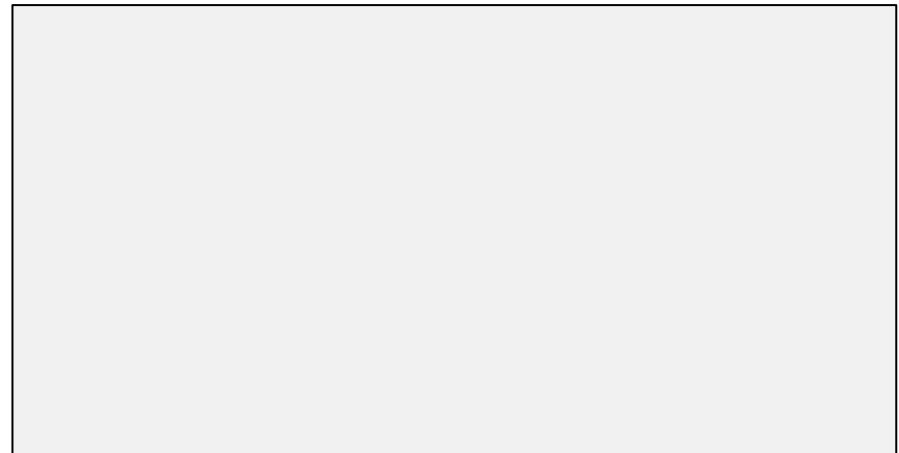
The health-specific focus fed into a broader Joint Community Infrastructure Planning (JCIP) process that aimed to identify how the traditional 'silo' approach to community infrastructure provision can be changed to better integrate services and create resource efficiencies.



Community Infrastructure Design Principles

The planning and design of community infrastructure within the LTNEC should achieve the following:

1. Be undertaken in consultation with the local community and key service providers in the area it is to be located, to identify opportunities for co-design, co-location and shared governance at the earliest stages of the proposal.
2. Where possible, community infrastructure should be located with existing facilities where it is practical to upgrade facilities and ensure they are fit for purpose.
3. Ensure appropriate and flexibly designed spaces which match the needs of the community in which it is located, and the services and programs identified to operate from it.
4. New community facilities need to be future-proofed to recognise that the function of the facility may change over time. Where possible, it be constructed in a manner that makes change in function both easy and cost-effective.
5. Seek to reflect the distinctiveness of the communities within the LTNEC area taking into consideration natural, cultural and historical characteristics. Ideally, these characteristics will be reflected in both the physical form of any buildings and landscaping (e.g. use of particular materials) and/or the use of cultural interpretation material within or outside the facility (e.g. public art, photos, paintings, artefacts etc).
6. Incorporate the objectives, requirements and recommendations of other relevant Council, State and Federal legislation, strategies and policies. Examples include:
 - Ensuring access to people with disabilities.
 - Ensuring that the design takes into consideration relevant Council policies and plans.
 - Ensuring that design addresses sustainable development principles such as improved energy efficiency.



4 Short Term Action Plan

Each partner organisation has provided some indicative priority actions for the short term follow up and works towards the implementation of this plan. Overall the JCIP Working Group has been a useful mechanism that brings the partner agencies together to report back on what each partner is doing and to identify opportunities to work collaboratively.

ACTION: The JCIP Working Group to recommend to its parent organisations that the Group should continue to meet on a quarterly or as needs basis for the purpose of testing and progressing the options outlined in this Plan.

Suggested Joint Project – Better Connections across Darebin Creek

The regional bike trail, Darebin Creek Master Plan and general feedback from the community has identified the need for more crossing points along the Creek. Providing greater access to the creek and improved connections between the communities located either side of the creek is a key goal of both Darebin and Banyule Councils. A joint project to identify a suitable location for a pedestrian bridge over the Darebin Creek has been proposed. This project has been identified as a useful focus to consolidate the partnership approach that has been established through the production of this Plan.

ACTION: Banyule and Darebin Councils to prepare a joint funding application to Melbourne Water to undertake further consultation with the community to prepare concept designs for a new pedestrian bridge crossing of the creek.

Darebin Creek Corridor – Aboriginal Walk

Barrbunin Beek Gathering place is located in Olympic Park next to the walkway to Northland. It is an aboriginal controlled space that is used by both Banyule and Darebin residents. Plans are underway to develop a 'Spirit Walk' along the path to Northland to make the Aboriginal connection more prominent. There is also significant interest and opportunities to develop a more extensive Aboriginal walk along the creek.

Darebin City Council – Joint Kindergarten Facilities

The Blake Street Kindergarten facility has been identified as nearing its lifecycle end and without significant upgrade and expansion it is unlikely to be fit for purpose when growth comes. Nearby Darebin Community Health Centre runs a number of services which support families and early years learning. The Preston North East Primary School is also within this neighbourhood and currently functions as a central focus for the local community to gather and access education services. There is the opportunity to build on the synergies between these three organisations to deliver services adopting a co-design, co-location and co-managed methodology.

ACTION: Darebin Council, Darebin Community Health Centre and Preston North East Primary School to prepare a joint funding application to co-locate Kindergarten facilities and associated health services in the neighbourhood under the 'Shared Facilities' program.

Banyule City Council - Olympic Park Master Plan

The development of the Olympic Park Master Plan will seek the best outcomes for the communities either side of the creek with improved facilities, better linkages and access. The master plan will contribute to the overall health and wellbeing of the community and long-term sustainability of the creek.

ACTION: The Banyule Council will drive a consultation process with the community and Darebin Council to provide ideas for the Olympic Park Master Plan.

Health Sector initiative

As the JCIP project comes to a close, the health-specific partnership has expanded to include healthAbility (formerly Nillumbik Health), Eastern Melbourne Primary Health Network (EMPHN) and North West Melbourne Primary Health Network (NWMPHN). The partnership will expand into a Primary Health Collaborative called 'Better Health North East Melbourne' (BHNEM), a platform that aims to improve the health system by working towards the following:

- Setting agreed priorities and strategies under a plan for the north east Melbourne region with a focus on primary health system collaboration, efficient use of resources and technology platforms.
- Strengthening the partnership between acute and primary care (including primary health).

- Overseeing the implementation of a catchment wide primary health care plan to address priority needs while striving to ensure the right care is provided in the right place at the right time.
- Realigning available resources and allocation of funding to ensure maximum impact.
- Integrated service planning and response, i.e. to support the management of chronic illness including chronic mental illness for people at risk of poor health outcomes across the catchment.
- Focusing on avoidable hospitalisation - ambulatory care sensitive conditions.
- Building shared data capacity across organisations.
- Ensuring an evaluation framework is in place to assess performance and effectiveness of strategies implemented.
- Focusing on prevention (predominantly via the NEPCP).

ACTION: The collaborative was launched in September 2016.

Banyule City Council - Stage 2 Olympic Village Learning Hub

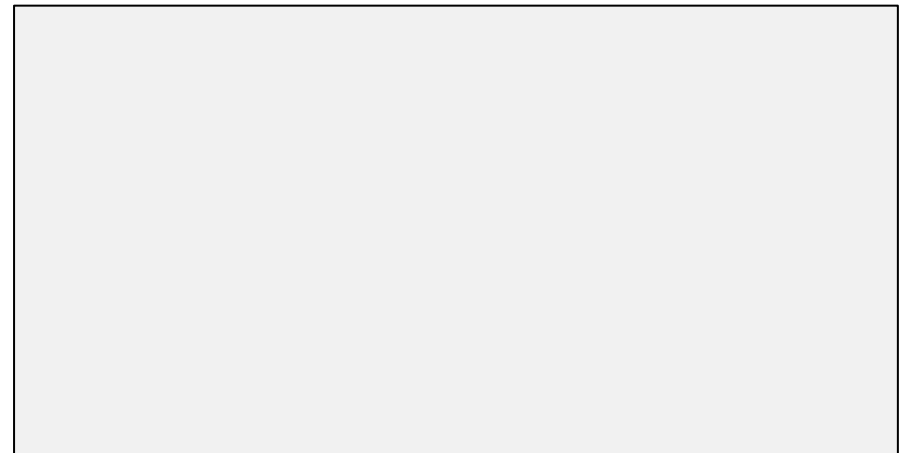
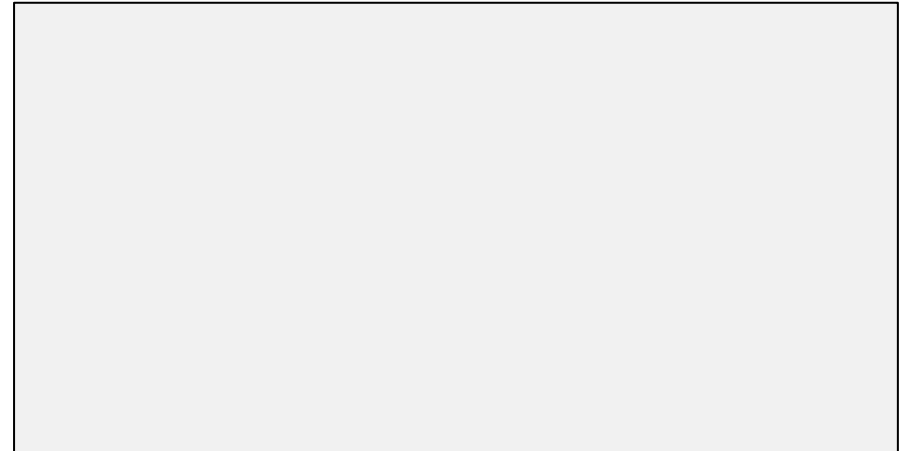
The redevelopment of the 1.68 hectare Department of Education and Training site in Olympic Village includes a new Council-operated Family and Children's Centre with a possible Neighbourhood House in the longer term. It is anticipated that Olympic Adult Education could be a key tenant in this small community hub that may attract other services. Olympic Adult Education have now completed a concept plan for the site which proposes to consolidate their three services.

ACTION: Banyule Council to advocate for Olympic Adult Education to obtain external funding to assist in advancing the concept plan proposal.

La Trobe University - Sports Precinct

Plans have been released for a significant redevelopment of a new Sports Park on 60 hectares in the south-west corner of the University's campus in Bundoora. The proposal will create a unique and major sports precinct that will contain a combination of sports facilities that support sport research, sport performance and participation, as well as industry collaboration for innovation in sport. The precinct will allow increased community participation in sport and physical activity alongside elite athlete programs.

ACTION: La Trobe University to continue discussions with Darebin and Banyule Councils to identify opportunities where Council facilities could be integrated in the precinct.



5 Scope of Services and Facilities

This joint study offers the opportunity to shift the perception of the Creek from being a barrier to becoming an integrating/connecting element. As a linear corridor the Creek system is unifying and provides a central linkage between the adjoining neighbourhoods and La Trobe University grounds. There is also the opportunity to boost the role of the creek system as it can accommodate a number of different uses/functions that contribute to social as well as economic outcomes.

Improved connections to a local place such as the creek environment will foster greater community wellbeing and improve the Creek's health and importance. In addition, improved connections with the water and open spaces along the creek have the potential to enhance health and wellbeing for the surrounding communities as a whole. Further benefit is derived from the significance and value placed on the waterway from a cultural and indigenous perspective. Harnessing these attributes and building on the stories of the Darebin Creek will enable an integrated planning and delivery process, and infrastructure outcomes that are place-based and unique.

Although not exhaustive, the following list of community infrastructure and services were selected to form part of the assessment process, and represent a significant proportion of the services and facilities within the LTNEC area:

1. Early Years Services
2. Neighbourhood Houses, Halls & Other Council Community Meeting Spaces
3. Libraries
4. Open Space (both active and passive)
5. Indoor Recreation Facilities
6. Council Aquatic & Leisure Facilities
7. Arts & Cultural Facilities
8. Residential Aged Care & Disability Services
9. Education Facilities
10. Health Services
11. Public Housing & Community Housing

These services and facilities have been selected for a number of reasons including the following:

- They generally represent the community infrastructure areas of greatest responsibility for Local and State Government.
- They are likely to represent the community infrastructure forms most likely to require investment from Local and State Government to address future demand changes generated by a significant increase in residential and employment growth within the study area.
- Many of these community infrastructure forms have the potential to be identified in future Development Contributions Plans (i.e. financial or in-kind contributions made by developers toward new or redeveloped community infrastructure).

6 Assessment Methodology

The detailed community infrastructure assessment was based on an analysis of the following five major layers of information:

1. A review of relevant policies, strategies and plans.
2. An audit of existing services and facilities within each of the four precincts.
3. Key stakeholder consultation findings.
4. Low and high dwelling and population estimates for each of the four LTNEC precincts.
5. The application of community infrastructure demand and supply measures to population forecasts to determine likely future needs.

The findings from each of these steps were combined and analysed holistically with project stakeholders to develop a range of strategic options and directions presented in the Long Term Implementation Plan tables.

7 Dwelling and Population Assumptions

In 2011 the LTNEC study area contained approximately 15,000 dwellings and accommodated almost 40,000 people.

For the purposes of preparing the community infrastructure plan two development scenarios for the study area were assessed: 1) a low development scenario, and 2) a high development scenario by 2051. These have been constructed due to the uncertainties and complexities associated with estimating development patterns and rates within an existing urban form.

As shown in Table 1 the LTNEC study area could increase by approximately 120% under a low development scenario (to accommodate almost 85,000 people) and 170% under a high development scenario which anticipates accommodation of 104,000 people.

Table 1 - Summary of Dwelling and Population Outcomes for LTNEC under a Low and High Development Scenario

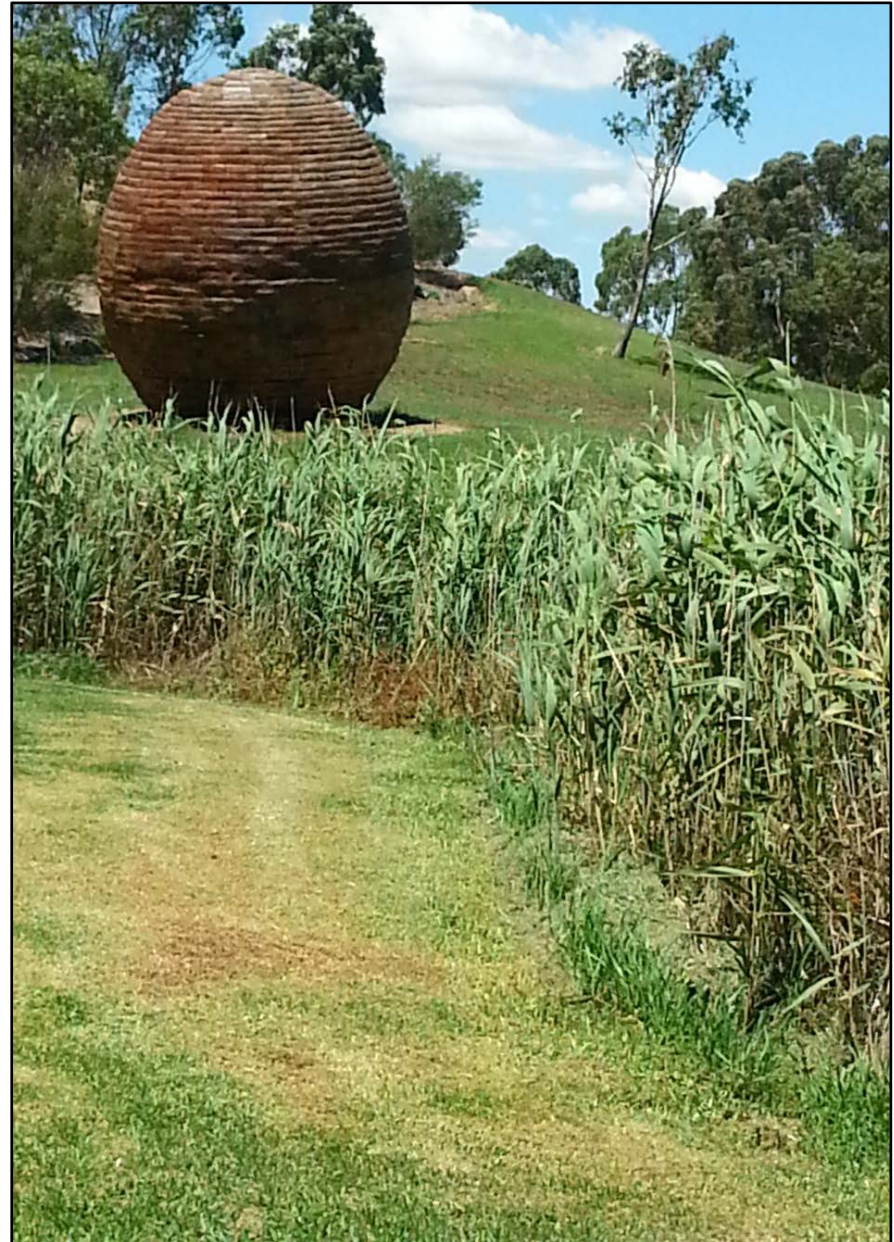
	Total dwellings	Total population	% population increase
Current Situation	15,150	38,178	—
Low Development Scenario	36,570	84,982	123%
High Development Scenario	46,600	103,820	172%

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8 - Darebin Creek Corridor Masterplan

A Joint Community
Infrastructure Plan
for the
La Trobe National
Employment Cluster

October 2016



8 Darebin Creek Corridor Masterplan

A key feature of the study area is the Darebin Creek and its environs which connects a number of the key precincts within the study area, as well as a broader population catchment to the north and south. This significant regional asset plays an important natural, recreational and cultural role, and is a key focus of the Joint Community Infrastructure Plan. Strategies to enhance the Darebin Creek's natural values, accessibility and recreational amenities are outlined within the Darebin Creek Corridor Masterplan, a key element of this report.

The main purpose for developing the Darebin Creek Corridor Masterplan as the major piece of community infrastructure was to harness the environmental, social and economic values of the Creek and surrounding environs to better support community health and wellbeing, improve accessibility and perceptions of safety.

From the consultation process associated with the Masterplan preparation, a number of key priority themes emerged to help inform the development of the final Darebin Creek Corridor Masterplan.

Pollution

Addressing pollution problems within the Darebin Creek was identified by both agencies and local residents as a key priority for future action. Measures identified to address the issue included the installation of Gross Pollutant Traps (GPTs), the establishment of more treatment wetlands, and improved statutory enforcement of pollution controls associated with abutting industry.

Ecological Values

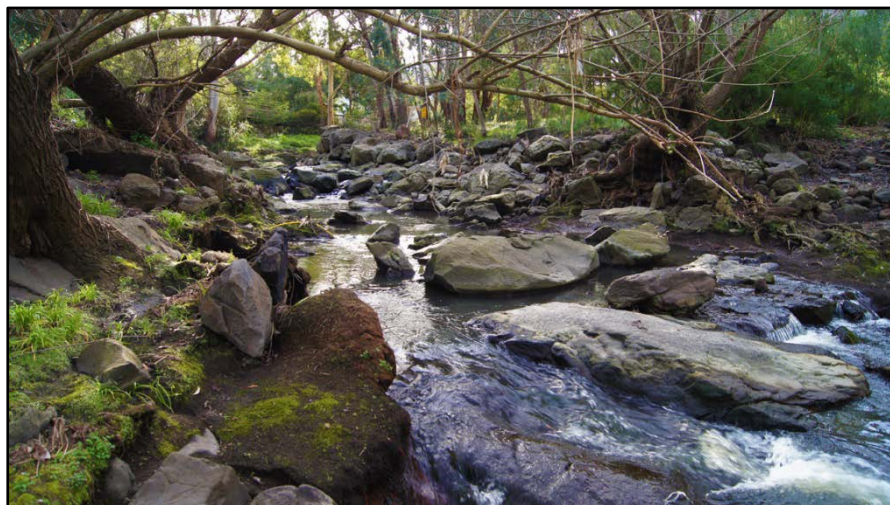
The protection and enhancement of the ecological values of the Darebin Creek is important as residential and commercial development intensifies over the coming decades in abutting areas. The Darebin Creek will be increasingly valued as a place of escape from 'hard urban' environments. Measures to address this priority include the development of a co-ordinated revegetation strategy between the two Councils, Melbourne Water, the Darebin Creek Management Committee and La Trobe University.

Trail Network

A need for ongoing development and improvement of the Darebin Creek Trail Network and associated secondary trails. Suggested measures to address this priority included line marking improvements along the Main Trail to better manage increasing use by bicycle commuters (i.e. people who use their bike to travel to work), widening the path in areas where feasible, and improved lighting measures that minimise the impact on the local fauna of the Corridor.

Cultural/Environmental Centre

The establishment of a cultural/environmental centre in a prominent location along the Creek to spread awareness of the cultural and environmental values of the Corridor, as well as providing a key focal point and destination along the Darebin Creek Trail. This could include scope for some commercial activities such as a café and nursery.



Local access and connections

A range of improvements included the following:

- Improved signage and wayfinding measures to allow people to better access and utilise the Creek Corridor.
- Improving connections across the Creek Corridor, including the establishment of circuit paths in various sections along the trail.
- The development of new and improved existing park activity nodes along the Creek Corridor.
- Opening up access and permeability to the Creek from abutting residential and industrial land uses where opportunities arise in future.

Based on addressing these key issues the following Action Plan and Masterplan were prepared.



9 Darebin Creek Corridor Master Plan Actions

The following priority actions for the Darebin Creek Corridor Master Plan include those previously identified within the Darebin Creek Master Plan (2014) and Northern Regional Trails Strategy (2015).

Priority Actions have been divided into those applying to the entire study area, and Northern, Middle and Southern sections as shown on Figure 3. The Recommendations maps (Figures 4, 5 and 6) show the locations of these Priority Actions.

Figure 2 – Division of Priority Action Recommendations along the Darebin Creek Corridor

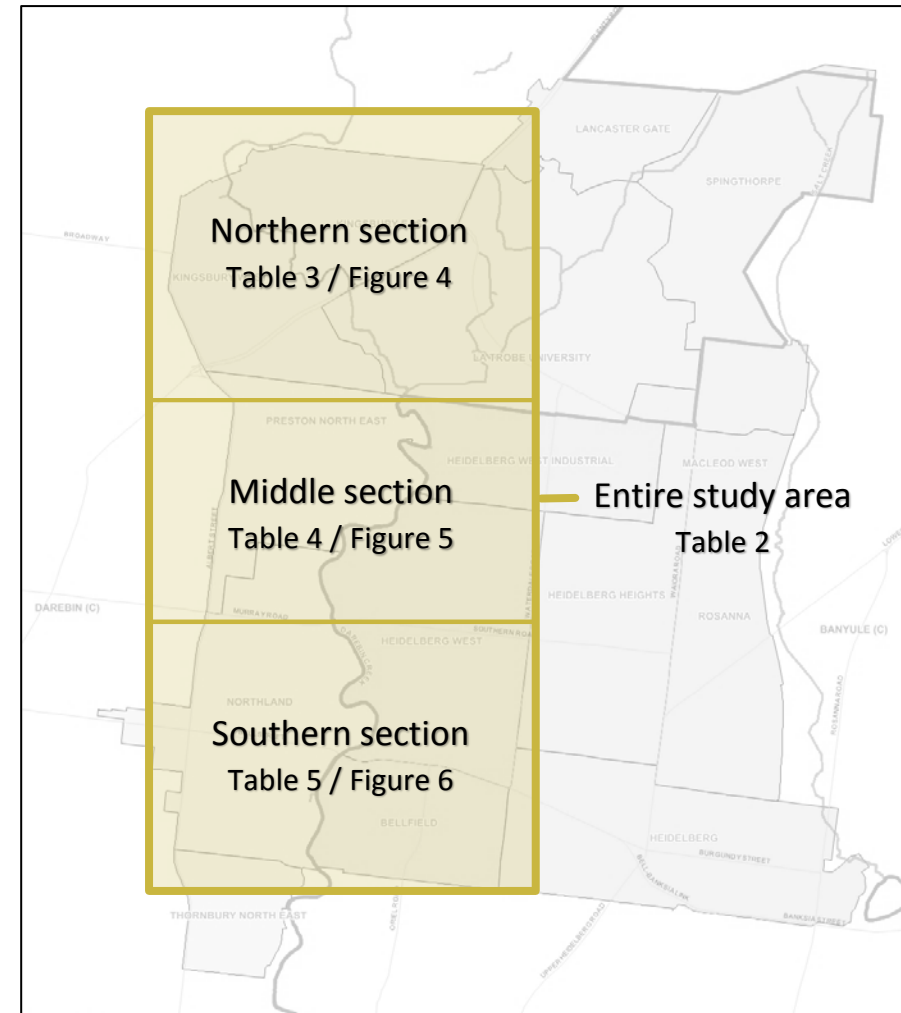


Table 2 - Entire Darebin Creek Corridor Study Area Action List

(Refer to Appendix for list of abbreviations)



Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
SA1	The Northern Regional Trails Strategy includes Design Guidelines that have been established to represent the minimum standards for developing a high quality trail network for the northern region: <ul style="list-style-type: none"> • An aspirational (preferred) shared path width of 4 metres; and • A minimum shared path width of 3 metres. 	Where feasible, ensure the main Darebin Creek Trail satisfies at least the minimum design guidelines recommended by the Northern Regional Trails Strategy (i.e. 3 metres).	Northern Regional Trails Strategy (2015)	BCC DCC
SA2	The rear of many residential and industrial properties impact on the visual amenity of the Creek Corridor and diminishes passive surveillance.	As opportunities arise seek to reconfigure residential and industrial interfaces (which currently back onto the Creek) to provide active frontages onto the Creek.	Darebin Creek Management Plan (2014)	DCC BCC DCMC
SA3	Both the environmental and cultural heritage values of the Creek are viewed by community members as underappreciated. Measures to increase the awareness of these values is a high priority, along with improved signage to allow people to better navigate through the various features contained within the Corridor.	Continue to identify locations for cultural heritage and environmental interpretation and improved directional signage across the study area.	Darebin Creek Management Plan (2014)	DCC BCC DCMC
SA4	There was general support for improved lighting measures along the Creek Corridor by the community to improve the useability of the Creek and increase perceptions of safety. However, improved lighting measures should be implemented in ways that minimise the impact on the local fauna.	General lighting and signage improvement opportunities across the entire precinct, particularly in high use areas.	No	BCC DCC
SA5	Playspace improvements across the Creek Corridor are required to reflect the higher order role it will continue to provide for surrounding populations.	Review the hierarchy of existing playspaces at key reserves adjoining the Creek Corridor including KP Hardiman, Arch Gibson and Bundoora Park and establish a priority renewal program.	No	DCC

Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
SA6	Pollution control from adjoining land uses into the Darebin Creek was identified by both agencies and residents as a high priority issue. Mitigation measures are required to deal with storm water run-off, and facilitate future development to incorporate or financially contribute to water sensitive urban design outcomes.	Facilitate measures to reduce pollution from land uses adjoining the Darebin Creek. This includes water sensitive urban design (WSUD), the installation of gross pollutant traps and additional wetland development. Work with the Environmental Protection Authority (EPA) to monitor and improve water quality into the Darebin Creek.	No	BCC DCC MW DCMC LTU EPA
SA7	A number of site specific opportunities for additional and improved bridge crossings across the Darebin Creek were identified, along with additional internal pathway circuits and improved connectivity.	Local authorities to collaborate and jointly fund a feasibility study / cost benefit analysis of new and improved bridge crossing opportunities along the Creek Corridor as identified in the Masterplan.	No	DCC BCC DCMC



Table 3 - Northern Section Action List

(Refer to Appendix for list of abbreviations)



Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
N1	<p>The Northern Regional Trails Strategy has identified the Darebin Creek Trail bridge as a key priority. This trail project encompasses a bridge over Darebin Creek on a sealed path to Tee Street, providing a link between the existing Darebin Creek Trail (to the north-west) and Beenak/McMahon Reserve Path (to the south-east).</p> <p>The trail provides improved access to the La Trobe emerging National Employment Cluster, and has strong recreational and amenity value.</p>	Establish the Darebin Creek Trail bridge as per the Northern Regional Trails Strategy.	Northern Regional Trails Strategy (2015)	DCC
N2	<p>The Northern Regional Trails Strategy has identified the La Trobe University Shared Path project as a key priority. It provides a link from the La Trobe University Campus via Plenty Road to the existing La Trobe University Shared Path south of Kingsbury Drive; and to the proposed Plenty Road Shared Path to the north.</p> <p>The trail is within close proximity to Gresswell Forest and it has the potential to enhance provide strong tourism value. It provides direct access to La Trobe University and the emerging La Trobe State employment cluster.</p>	Establish the La Trobe University Shared Path project as per the Northern Regional Trails Strategy.	Northern Regional Trails Strategy (2015)	LTU DCC
N3	Given the proposed main shared path recommended in the Northern Regional Trails Strategy encourage La Trobe University to develop a complimentary network of internal path / trail and crossings connecting to the main shared trail, particularly within the sportsfield precinct.	Determine an appropriate network of shared pathways within the La Trobe University campus to compliment the proposed main shared trail outlined in the Northern Regional Trails Strategy.	No	LTU

Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
N4	<p>The Northern Regional Trails Strategy has identified the Plenty Road Shared Path as a key priority. It extends from Drive Road north to Arthur Street. The trail links to a number of other proposed trail projects including the La Trobe University Shared Path extension, the proposed Bundoora Park Shared Path, the Unnamed East-West Power Easement and the Banyule Plenty Road Shared Path.</p> <p>The trail provides to access to La Trobe University; La Trobe Wildlife Sanctuary, the emerging La Trobe National Employment Cluster.</p>	Establish the Plenty Road Shared Path project as per the Northern Regional Trails Strategy.	Northern Regional Trails Strategy (2015)	DCC VicRoads
N5	Ongoing improvements to the shared pathway network within Bundoora Park is particularly important in light of future population growth, ongoing improvements to the Regional Trail network and the many higher order recreational and environmental features of this important regional open space.	Extend shared path within Bundoora Park to the Farm, café and other facilities.	No	DCC
N6	Pathway movements are limited at Dunne Street Kingsbury bridge.	Establish a path crossing under bridge at Dunne Street, Kingsbury.	No	DCC
N7	Darebin Creek main trail pathway movement is restricted at Plenty Road, Reservoir / Kingsbury.	Establish a path crossing under bridge at Plenty Road, Reservoir / Kingsbury.	No	DCC
N8 (LU2/4 in DCMP)	Freehold land extending to the creek resulting in a discontinuous open space corridor between Chenies Street and Rathcown Road.	Investigate opportunities to achieve a continuous public open space corridor through this reach as future development occurs.	Darebin Creek Management Plan (2014)	DCC DCMC
N9 (LU4/4 in DCMP)	Grazing access to the stream in the vicinity of Rathcown Road.	In consultation with MW, liaise with landholder to encourage fencing creek from stock access and provide alternative stock watering points.	Darebin Creek Management Plan (2014)	DCC MW
N10 (E4/4 in DCMP)	Lack of indigenous overstorey vegetation along the Darebin Creek and adjoining open space reserves downstream of Bundoora Park. The Creek forms an important habitat link to La Trobe University Wildlife area and increasing the presence of indigenous overstorey along the creek will improve these links.	Undertake revegetation of additional scattered indigenous trees between Bundoora Park and Plenty Road to improve the habitat corridor values between La Trobe University Wildlife Reserve (south of Plenty Road) and Bundoora Park.	Darebin Creek Management Plan (2014)	DCC DCMC
N11 (E7/4 in DCMP)	Lack of indigenous overstorey limits habitat connectivity between Bundoora Park and La Trobe University Wildlife Reserve. Habitat values have the potential to be improved through extending the indigenous vegetation throughout the reach that will reinforce the existing values in Bundoora Park.	Improve the habitat values in this reach by increasing the presence of indigenous overstorey trees in open space adjoining the creek between Bundoora Park and La Trobe University, in accordance with Recommendation E4/4.	Darebin Creek Management Plan (2014)	DCC

Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
N12 (LA2/4 in DCMP)	Rear boundary fence lines to waterway in City of Darebin are visually dominant.	DCC to continue to implement the existing Darebin Creek Design & Development Guidelines where applicable through the planning system.	Darebin Creek Management Plan (2014)	DCC DCMC
		Plant scattered indigenous overstorey to break up the visual impact of fence lines whilst ensuring open sight lines from paths are retained.	Darebin Creek Management Plan (2014)	DCC
N13 (R2/4 in DCMP)	KP Hardiman Reserve has potential to be improved as part of the linear open space reserve along the creek.	Council to develop a Concept Plan for KP Hardiman Reserve which addresses the following: <ul style="list-style-type: none"> Integrates secondary path access, protection and expansion of the Danthonia grassland restoration; Identifies opportunities to improve integration of the in-stream works proposed by Melbourne Water; Involve the community to improve community ownership of this section of the creek; Seating areas that take advantage of the elevation and views. 	Darebin Creek Management Plan (2014)	DCC (MW)
N14 (E11/4 in DCMP)	Future re-set of the outfall from Broadway Drain to, as a minimum, trap silt prior to entering the creek, has the potential to integrate with adjoining open space.	MW to liaise with Council during the detailed documentation of the outfall design to integrate with the adjoining open space design.	Darebin Creek Management Plan (2014)	MW DCC DCMC
N15 (E5/4 in DCMP)	MW is planning to undertake in-stream works to modify trapezoidal earth channel in KP Hardiman Reserve, and Council have not undertaken revegetation in this area until these works are completed. There are remnant Danthonia grasslands in KP Hardiman Reserve.	Liaise with MW regarding timing for the in-stream works to modify the channel in KP Hardiman Reserve and coordinate additional terrestrial revegetation works.	Darebin Creek Management Plan (2014)	DCC (MW)
		Continue to protect and improve the remnant Danthonia grasslands at KP Hardiman Reserve.	Darebin Creek Management Plan (2014)	DCC
N16 (E6/4 in DCMP)	Serrated Tussock upstream of Plenty Road requires ongoing control.	Council to liaise with VicRoads to coordinate an effective control program in this area in accordance with best practice management.	Darebin Creek Management Plan (2014)	DCC VicRoads

Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
N17 (R1/5 in DCMP)	Lack of informal recreational facilities adjoining the creek corridor in CT Barling and CH Sullivan Memorial Parks precinct.	DCC to implement the recommendation from the Darebin Open Space Strategy and prepare a Masterplan for the District Open Space CT Barling and CH Sullivan Memorial Park addressing the following: <ul style="list-style-type: none"> • Parking and access to the shared trail • Local path connections to the shared trail including the condition and upgrade of footbridges (Refer R3/5) • Picnic and BBQ facilities with views over the creek corridor provision of seats • Provision of play area which responds to the creek environment and can be used by visitors to the Darebin Creek Trail and the adjoining sports area • Continued expansion of the indigenous vegetation integrated with informal and organised recreational use. 	Darebin Creek Management Plan (2014)	DCC (LTU) (BCC)
N18 (E3/5 in DCMP)	Lack of riparian vegetation in the section of creek where pool and riffle sequence were recently constructed by MW downstream of Plenty Road.	Undertake revegetation works in the vicinity of the riparian zone adjacent to the creek restoration works undertaken by Melbourne Water and La Trobe University adjacent to CT Barling Park	Darebin Creek Management Plan (2014)	MW DCC BCC LTU DCMC
N19 (E7/5 in DCMP)	The La Trobe Wildlife Sanctuary and wetland and grasslands requires ongoing management to protect and enhance the environmental values.	La Trobe University to continue to manage the habitat and environmental values on their land which significantly contributes to the environmental values of the corridor.	Darebin Creek Management Plan (2014)	LTU
N20 (E2/5 in DCMP)	Serrated Tussock is present immediately upstream and in the area downstream of Plenty Road.	DCC to coordinate development of a Serrated Tussock Control program in consultation with LTU, BCC and VicRoads, implement and monitor success.	Darebin Creek Management Plan (2014)	DCC (LTU) (BCC) (VicRoads)
N21 (R3/5 in DCMP)	The poor condition of existing footbridges.	DCC and BCC to undertake a condition assessment of existing footbridges and determine appropriate works to improve them.	Darebin Creek Management Plan (2014)	DCC BCC
N22	Concerns were expressed about perceptions of safety along the existing trail path extending from the Darebin Creek through the sportsfields precinct of La Trobe University and into the La Trobe University main campus.	Investigate measures to improve lighting along the trail extending from La Trobe University sportsfields precinct to the Darebin Creek while minimising the impact on local fauna.	No	LTU DCC

Master Plan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
N23	Improved connections across the Darebin Creek from the Summerhill area to the La Trobe University Precinct are viewed as a high priority given the proposed development of the La Trobe University campus which will result in a significant increase to both the local residential population and student population.	Explore feasibility of establishing an additional pedestrian / bicycle link across the Creek from La Trobe Retirement Village to La Trobe University sports precinct.	No	DCC LTU
N24	The large CT Barling Reserve abuts the Darebin Creek and provides further opportunities for stormwater harvesting, which can in turn be utilised for the sportsfields located within the Reserve.	Explore stormwater harvesting opportunity at CT Barling Reserve	No	DCC MW
N25	The southern sportsfields precinct of La Trobe University abuts the Darebin Creek and provides further opportunities for stormwater harvesting, particularly in light of future development of the Campus and the sportsfields precinct.	Explore stormwater harvesting opportunity at La Trobe University Sportsfields precinct	No	LTU DCC MW

Figure 4 – Middle Section Actions: Master Plan Map IDs

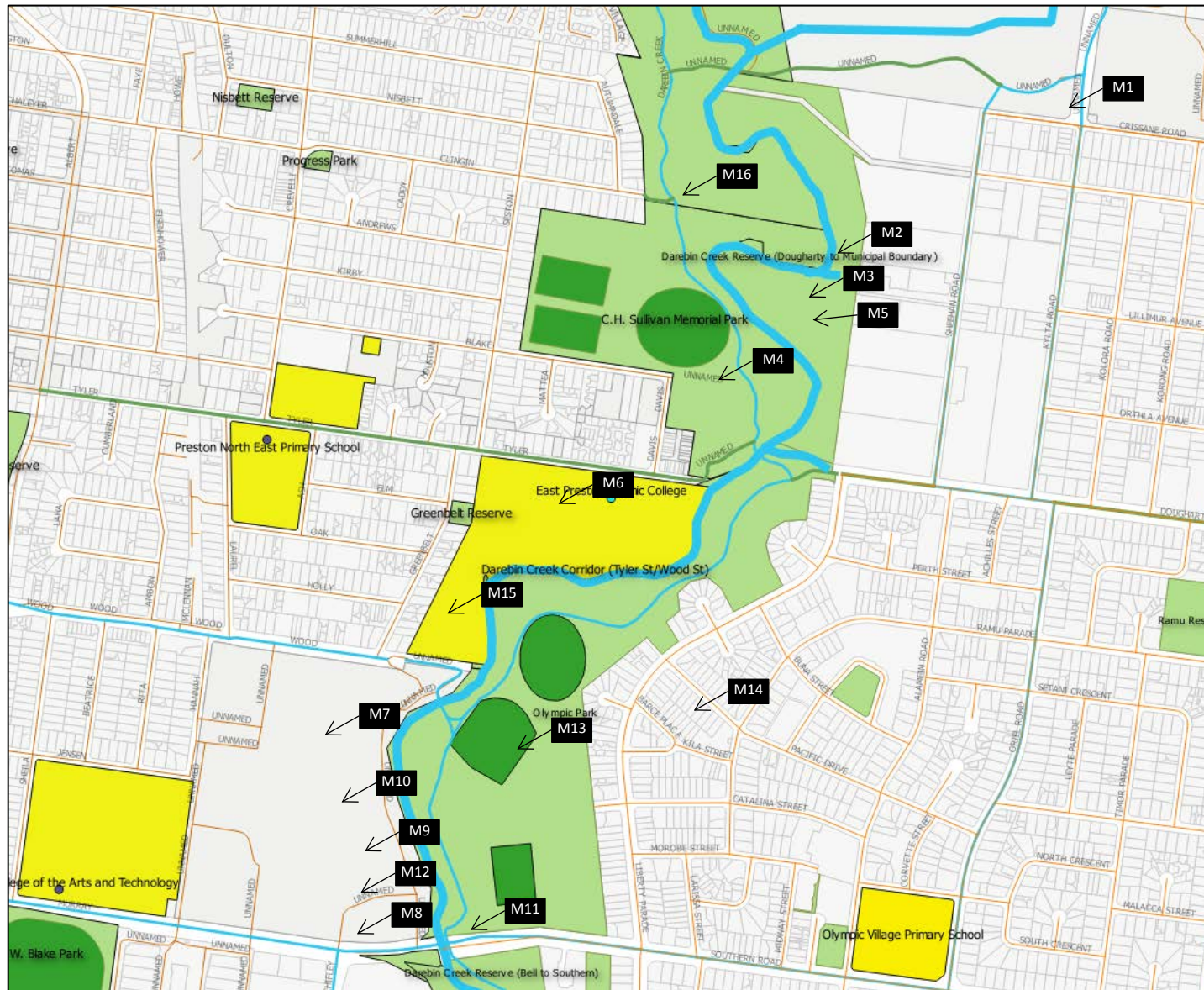
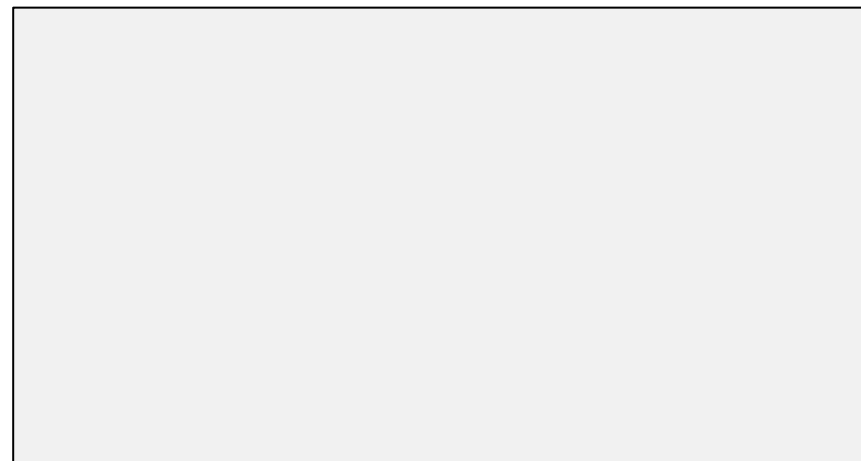


Table 4 - Middle Section Action List

(Refer to Appendix for list of abbreviations)



Masterplan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
M1	The future development of the La Trobe University campus provides justification for improving bicycle and bus services between the campus and Heidelberg West to the south.	Improve bicycle and bus links between Heidelberg West and La Trobe University	No	BCC PTV
M2 (E9/5 in DCMP)	High sediment loads entering the Creek via Lillimuir Drain are generated from development in Macleod and Bundoora.	DCC to continue to implement recommendations from the SWMP to require adequate at-source sediment control to minimise sediment entering the stream.	Darebin Creek Management Plan (2014)	DCC
M3 (R2/5 in DCMP)	There are safety issues associated with the space on the eastern side of the creek between La Trobe University Reserve and Southern Road.	BCC to continue to improve the recreational use and access by improving safety within the open space which includes: <ul style="list-style-type: none"> Investigate opportunities to increase passive surveillance of adjoining residential and industrial land use as part of future development applications Review vegetation management and densities near the shared trail and other entry paths into and through the reserve, including connections to the footbridges Investigate opportunities to involve the community in the ongoing management of the site via the local schools including East Preston Islamic College. 	Darebin Creek Management Plan (2014)	BCC (DCC) (LTU) DCMC
M4 (E1/5 in DCMP)	Protect the existing native grassland areas downstream of Plenty Road.	DCC to continue the current management program which is prepared on an annual basis for the management and protection of the native grasslands in this reach on the Darebin City Council side of the creek.	Darebin Creek Management Plan (2014)	DCC

Masterplan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
M5 (E10/5 in DCMP)	Industrial spills occur in the catchment and whilst the reporting method has been improved by labelling all drains on site, EPA are under-resourced to attend and issue infringement notices.	BCC to implement recommendations from the SWMP to consult with the industrial land holders in the Heidelberg West precinct and implement appropriate on-site controls to minimise occurrence of industrial spills.	Darebin Creek Management Plan (2014)	BCC (EPA)
M6 (LU2/5 in DCMP)	The East Preston Islamic College has constructed a bus parking area and other upgrade works with steep fill embankments and paling fence along the interface with the open space corridor. The embankment is difficult to effectively plant and manage, and visually this is a poor interface to the creek corridor.	Council to liaise with the East Preston Islamic College to: <ul style="list-style-type: none"> Regrade the embankment to a sustainable grade and plant with appropriate vegetation that breaks up the visual dominance of the fence, while retaining clear lines of sight for access along the creek. Encourage the College to be involved in creek improvement programs such as revegetation works. 	Darebin Creek Management Plan (2014)	DCC DCMC
M7 (E11/5 in DCMP)	Litter load from Northland Shopping Centre including shopping trolleys requires control, particularly given the close proximity of the Shopping Centre and the Northland Secondary College.	DCC to implement recommendations contained in the Darebin Creek Northland Ecological Improvement Study.	Darebin Creek Management Plan (2014)	DCC DCMC
M8 (LU3/5 in DCMP)	Poor interface treatment between adjoining industrial/business land and the Darebin Creek. This is particularly evident upstream and downstream of Murray Road. Issues including lack of vegetation and screening to buildings, weeds and storage areas at rear of buildings.	Councils to liaise with the land holders to: <ul style="list-style-type: none"> In future redevelopment of all sites adjoining the creek, achieve an active interface to the creek corridor to improve passive surveillance and safety. DCC to apply the Darebin Creek Design and Development Guidelines to any planning proposals or any subsequent guidelines. Encourage land-holders to become involved in creek improvement works and encourage improvements to the interface treatment between their land use and the creek corridor. 	Darebin Creek Management Plan (2014)	DCC BCC
M9 (LU4/5 in DCMP)	The poor interface treatment between the Northland Shopping Centre and the Creek, particularly given this area of the creek receives relatively high levels of use with residents from Heidelberg West crossing the creek to the shopping centre and the Northland Secondary College.	The Northland Ecological Improvement Study identifies opportunities to establish an active interface between the creek and the proposed redevelopment of the shopping centre. In the future redesign of this active interface, the landscape treatment will need to achieve an appropriate balance in design so as to complement and improve the natural, ecological, recreational values of Darebin Creek.	Darebin Creek Management Plan (2014)	DCC DCMC
M10 (CU1/5 in DCMP)	Shopping trolleys and high volumes of litter near Northland Shopping Centre were specifically identified as a key issue in the Darebin Creek Management Plan.	DCC to continue to implement the recommendations from the Darebin Creek Northland Ecological Improvement Study in relation to litter management.	Darebin Creek Management Plan (2014)	DCC DCMC

Masterplan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
M11 (R4/5 in DCMP)	Personal safety on the shared trail between Bell Street and Southern Road particularly in relation to adequate lines of sight in the steep topography and proximity of vegetation.	BCC to review the open space design between Southern Road and Bell Street including: <ul style="list-style-type: none"> • Provision of alternative trail alignment between Gona Street and Bell Street which is at the top of the escarpment in the open space adjoining Liberty Parade. • Review vegetation management and planting densities adjoining the shared trail to improve lines of sight. • Confirm the safety of the trail under Southern Road and review vegetation planting and densities to improve lines of sight along the trail and from the adjoining road. 	Darebin Creek Management Plan (2014)	BCC
M12	Opportunity to enhance Northland as a major node for the Creek Corridor	Establish active frontages along the Northland edge to better engage with the Creek – mixed use retail and community facilities service and supported by green infrastructure.	No	DCC
M13	Olympic Park provides additional open space opportunities for environmental features and unstructured recreation.	Reconfigure sports fields within Olympic Park and explore additional open space for environmental features (e.g. stormwater harvesting) and unstructured recreation.	No	BCC
M14	Opportunity to better link residents of Heidelberg West to the Creek.	Improve links from Banyule Community Health and School at Olympic Village Shops through to Olympic Park.	No	BCC
M15	The area south east of the East Preston Islamic College provides an opportunity for improved play and cultural interpretation.	Negotiate with private land holder to establish a nature based play and public art in the corridor south east of the East Preston Islamic College.	No	DCC
M16	The extensive tract of land located north east of C.H. Sullivan Memorial Park is a high priority for enhanced wildlife protection measures and greater cultural interpretation.	Parkland north east of C.H. Sullivan Memorial Park - Protect wildlife corridor & cultural heritage and re-wild this section	No	BCC DCMC

Figure 5 – Southern Section Actions: Master Plan Map IDs

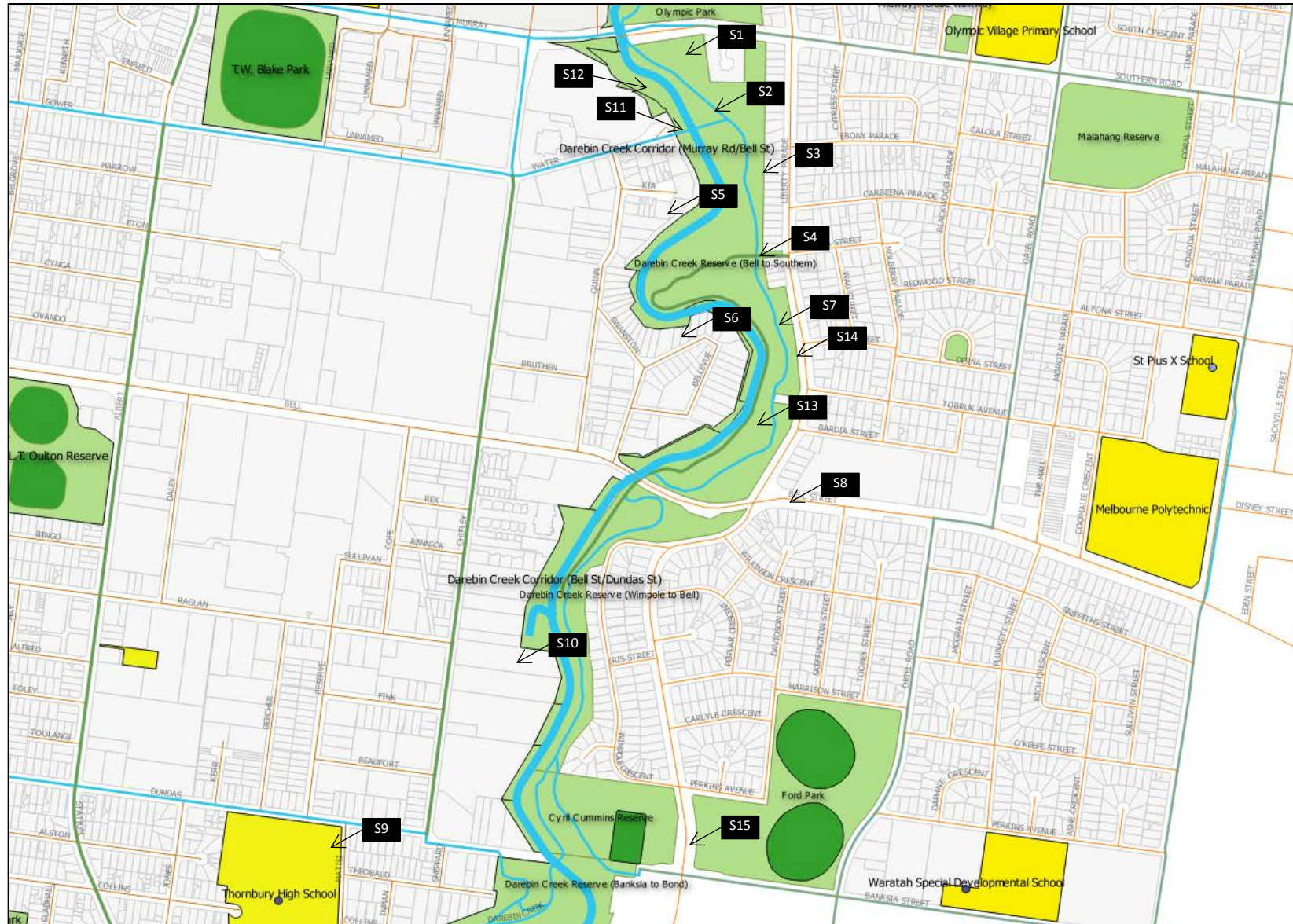
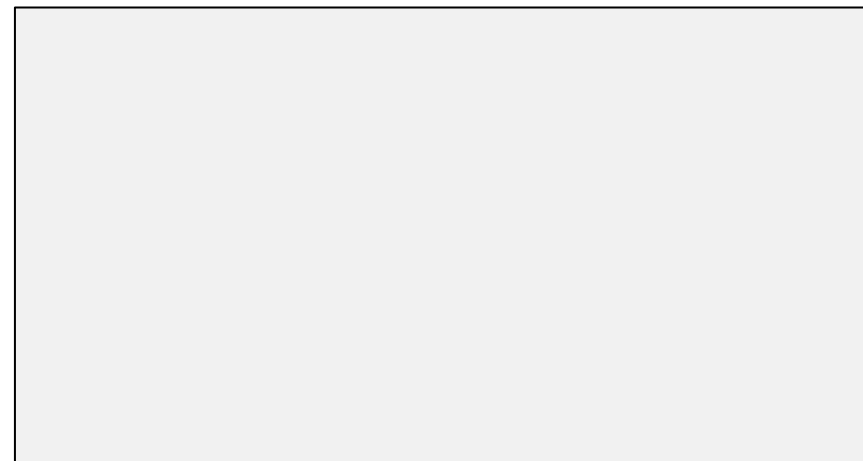


Table 5 - Southern Section Action List

(Refer to Appendix for list of abbreviations)



Masterplan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
S1	The establishment of an environmental / cultural facility along the Darebin Creek was identified as a high priority by local residents. The facility, if established would be similar in its role to CERES (Centre for Education and Research in Environmental Strategies), an award winning, not-for-profit, sustainability centre located on 4.5 hectares on the Merri Creek in East Brunswick, Melbourne. The facility would act as both a location for increasing community awareness of the environmental and cultural values of the Darebin Creek, and as a key destination along the Darebin Creek Trail.	Subject to the future directions associated with Olympic Neighbourhood House at 233 Southern Road Heidelberg West, investigate the feasibility of establishing the site as an environmental / cultural education centre.	No	BCC
S2 (E13/5 in DCMP)	Council water quality treatment pond requires ongoing maintenance.	BCC to regularly monitor sediment pond downstream of Murray Road and maintain as required.	Darebin Creek Management Plan (2014)	BCC
S3 (E12/5 in DCMP)	Stormwater outfalls on the steep embankments between Murray Road and Bell Street cause localised erosion and interrupt the natural valley form.	BCC to undertake structural review of the outfalls and develop designs to minimise erosion and visual impact of these outfalls. Where appropriate, integrate water quality improvement works into the drain outfall designs.	Darebin Creek Management Plan (2014)	BCC DCMC
S4 (E5/5 in DCMP)	Vegetation management on the steep embankments between Murray Road and Bell Street make control of weed, including blackberry and fennel, and revegetation with indigenous species problematical.	DCC to review current training programs for working on steep escarpments, and prepare protocols for undertaking this works safety. BCC to contribute to the development of these protocols and both Councils to implement these guidelines and manage the steep escarpment areas accordingly.	Darebin Creek Management Plan (2014)	

Masterplan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
S5 (LU3/5 in DCMP)	Poor interface treatment between adjoining industrial/business land and the Darebin Creek. This is particularly evident upstream and downstream of Murray Road. Issues including lack of vegetation and screening to buildings, weeds and storage areas at rear of buildings.	Councils to liaise with the land holders to: <ul style="list-style-type: none"> • In future redevelopment of all sites adjoining the creek, achieve an active interface to the creek corridor to improve passive surveillance and safety. • DCC to apply the Darebin Creek Design and Development Guidelines to any planning proposals or any subsequent guidelines. • Encourage land-holders to become involved in creek improvement works and encourage improvements to the interface treatment between their land use and the creek corridor. 	Darebin Creek Management Plan (2014)	DCC BCC
S6 (LU1/5 in DCMP)	Industrial and business land ownership to the Creek prevents public access along the open space corridor, limits consistency in land management practices and, in some locations, noise impacts on the recreational value and potentially the habitat values of the creek corridor.	In future applications for redevelopment of freehold land to the creek, require provision of public open space adjacent to the creek, consistent with the Darebin Open Space Strategy.	Darebin Creek Management Plan (2014)	DCC
S7 (R3/6 in DCMP)	Safety on the existing shared trail due to the grade separation between the adjoining residential areas and the trail. There are also sections where the dense revegetation works restrict safe lines of sight for trail users.	Councils to continue to improve the recreational use and access by improving safety within the open space which includes: <ul style="list-style-type: none"> • Investigate opportunities to increase passive surveillance of adjoining residential and industrial land use as part of future development applications; • Review vegetation management and densities near the shared trail and other entry paths into and through the reserve, including connections to the footbridges; and • Investigate opportunities to involve the community in the ongoing management of the creek corridor north of Livingstone Street via the local schools. 	Darebin Creek Management Plan (2014)	DCC BCC
S8	An opportunity exists to create a boulevard treatment along Bell Street that provides a visual connection between the street and the Creek. Opportunities for gateway treatments / public art in the adjoining open space at this bridge crossing. Re-grading opportunities also exist to open the park up to the street.	Develop a concept plan to create a boulevard along Bell Street that provides a visual connection between the street and the Creek.	No	BCC DCC
S9	Opportunity to improve pedestrian connection between the trail and the Thornbury High School.	Improve pedestrian connection between the Darebin Creek Trail and the Thornbury High School.	No	DCC
S10	Pedestrian / cycle bridge crossing opportunity at the continuation of Raglan Street.	Explore the feasibility of establishing a pedestrian / cycle bridge crossing opportunity at the continuation of Raglan Street.	No	DCC BCC MW

Masterplan Map ID / Action	Issue	Actions	In Existing Strategy?	Responsibility
S11	Pedestrian / cycle bridge crossing opportunity at Water Road Preston, opposite the Darebin Creek Forest Park.	Explore the feasibility of establishing a pedestrian / cycle bridge crossing opportunity at Water Road, opposite the Darebin Creek Forest Park.	No	DCC
S12	Significant opportunity for a trail on the west side of the creek.	Explore the feasibility of formalising an unsealed trail on the west side of the Darebin Creek, south of Murray Road.	No	DCC
S13	Walking and cycling circuit opportunities between Southern Road and Bell Street and between Bell Street and Banksia Street. This will require a path on both sides of the creek and bridge crossings at Bell Street and Southern Road.	Prepare concept plans for improved pedestrian / cycling pathways between Southern Road and Bell Street, both sides of the Creek.	No	BCC DCC
S14	An additional park node development opportunity exists south of the Darebin Creek Forest Parklands.	Investigate opportunities for additional park amenities to be installed near the corners of Gona Street and Liberty Parade within the existing Darebin Creek Corridor.	No	BCC
S15	Opportunity to develop native vegetation and recreation corridor in Bellfield between former Banksia Secondary College site, Ford Park, Cyril Cummins Reserve and the Creek Corridor.	Investigate the feasibility of developing and strengthening native vegetation and recreation linkages in the Bellfield area through the development of the Bellfield Precinct Plan and the Ford Park Masterplan	No	BCC

10 - Long Term Implementation Plan

A Joint Community
Infrastructure Plan
for the
La Trobe National
Employment Cluster

October 2016



10 Long Term Implementation Plan

In response to the projected population growth scenarios a detailed assessment of indicative community infrastructure needs was undertaken. The following implementation plan summarises all proposed actions associated with the Joint Community Infrastructure Plan.

Precincts

A study area defined by the VPA was used to analyse existing needs and estimate future community infrastructure requirements. The study area (shown in Figure 2) has been divided into four major precincts, and the actions associated with each of the precincts separated amongst the following tables:

- Cluster Wide Implementation Plan (Table 7)
- North Precinct Implementation Plan (Table 8)
- West Precinct Implementation Plan (Table 9)
- Central Precinct Implementation Plan (Table 10)
- East Precinct Implementation Plan (Table 11)

The North and West Precincts are located within the City of Darebin, and the Central and East Precincts within the City of Banyule. The VPA has also constructed smaller sub-precincts for the LTNEC as shown in Table 6.

Table 6 - LTNEC Precincts and Sub-precincts

LTNEC Precinct	Sub-precincts
West	Thornbury North East, Northland & Preston North East
North	Kingsbury West, Kingsbury East, Lancaster Gate, La Trobe University & Springthorpe
Central	Heidelberg West Industrial, Heidelberg West & Bellfield
East	Heidelberg Heights, Macleod West, Rosanna & Heidelberg

Figure 6 - Study Area, Precincts and Sub-precincts

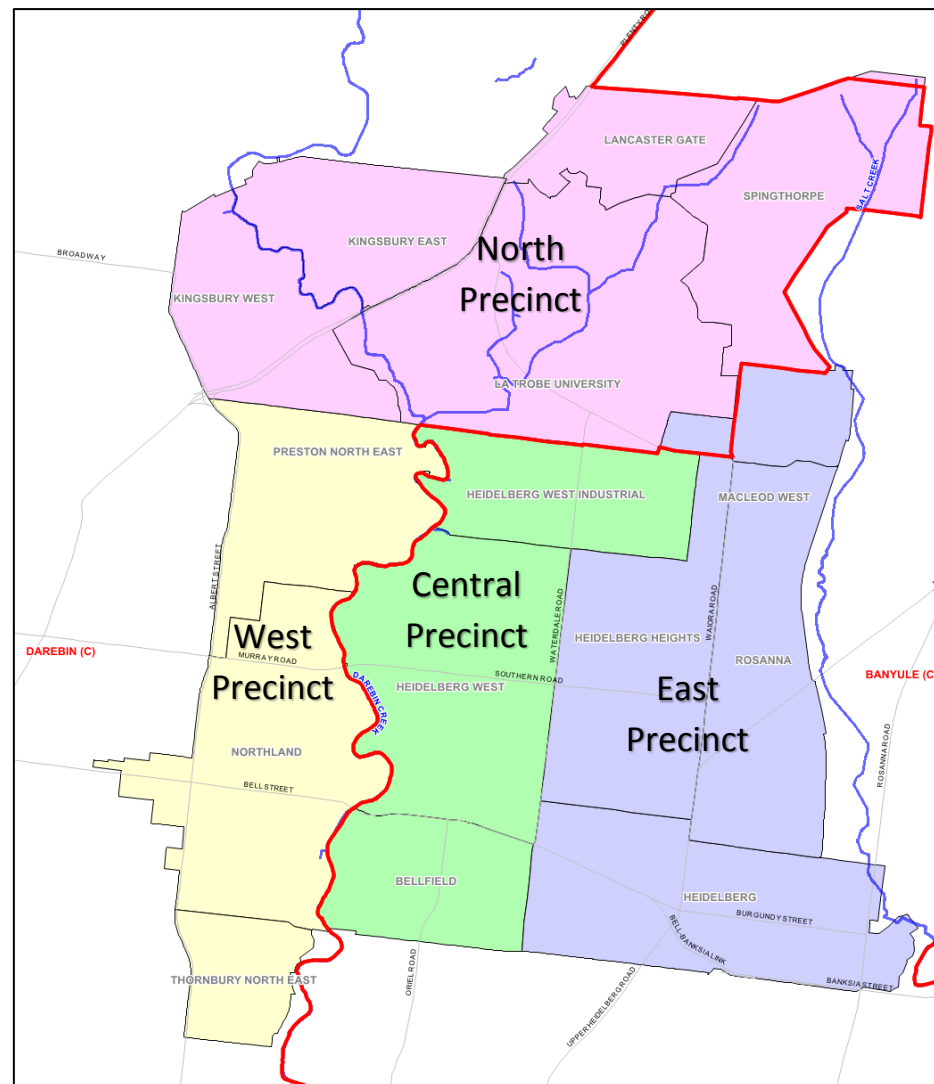
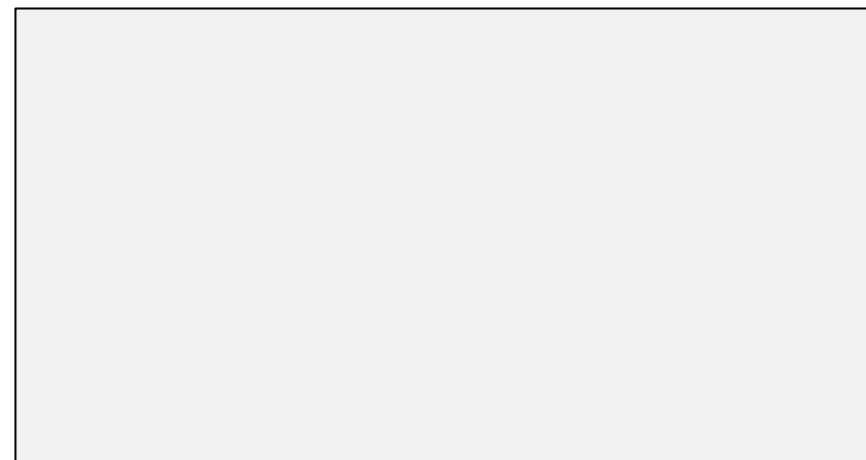


Table 7 - Cluster Wide Implementation Plan

(Refer to Appendix for list of abbreviations)

The following Recommendations generally relate to the non-place based elements of the Plan and include suggestions for governance models and health initiatives.



Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Governance Initiatives							
1.1	Establish a Implementation Steering Group and working sub-groups covering key community infrastructure categories including: <ul style="list-style-type: none"> • Recreation and open space • Education facilities • Health services • Early years services • Aged and disability services • Libraries, learning, arts & culture • Public and community housing 	No	DCC BCC LTU	DHHS DET VPA	Short	No	
Broader Planning Initiatives							
1.2	Prepare a detailed community infrastructure plan associated with the La Trobe University Melbourne Campus Development Plan.	No	DCC LTU	BCC DHHS DET VPA	Short	No	
1.3	Advocate for a review of the current Heidelberg Structure Plan and prepare a detailed community infrastructure plan.	No	BCC	DHHS DET AH VPA	Short	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
1.4	Prepare a detailed community infrastructure plan associated with the future preparation of the Northland Structure Plan.	No	DCC VPA	DHHS DET BCC	Short	No	
1.5	Advocate for a new structure plan for the Heidelberg West area to supersede the Bell Street Mall Masterplan and Urban Design Framework (UDF), and prepare a detailed community infrastructure plan.	No	BCC VPA	DHHS DET	Short	No	
Darebin Creek Corridor Masterplan							
1.6	Establish a Darebin Creek Corridor Masterplan Steering Group	No	BCC DCC DCMC VPA MW	LTU Local schools Friends Groups	Short	No	
1.7	Both Banyule and Darebin Councils should prepare a coordinated Implementation Plan based on the actions identified in the Darebin Creek Corridor Master Plan and include projects in the long term capital works programs	No	BCC DCC MW YVW	LTU Local schools Friends Groups	Short		
Health Services							
1.8	Establish a LTNEC health services working party	No	DHHS NEPCP	BCC DCC BCH DCH AH	Short	No	
1.9	Prepare a detailed integrated health services plan for the LTNEC in the context of the broader Northern Sub-Region	No	DHHS NEPCP	BCC DCC BCH DCH AH	Short	No	
1.10	Investigate the feasibility of establishing a “Super Clinic “model within the LTNEC, building on the existing operational skills and infrastructure assets of the two community health service providers within the Cluster	No	DHHS NEPCP	BCC DCC BCH DCH AH	Medium	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
1.11	Determine the feasibility of introducing service model enhancements such as after hours and weekend services at community health service locations.	No	BCH DCH	DHHS (Health) NEPCP AH	Short	No	
1.12	Explore innovative and more flexible funding models to allow community health service providers take a stronger and more effective role in primary health care provision.	No	DHHS	NEPCP BCH DCH AH	Short	No	
1.13	Investigate the feasibility of community health services providing sub-acute services in areas such as rehabilitation.	No	DHHS	NEPCP BCH DCH AH	Short	No	
1.14	Advocate for more mental health service provision in the area.	No	DHHS	NEPCP BCH DCH AH	Short	No	
Public Housing & Community Housing							
1.15	Both the Cities of Darebin and Banyule to consider policy guidance in Planning Schemes to support increase in the provision of social and affordable housing including the introduction of inclusionary zoning.	No	DCC BCC	DHHS (Housing)	Short		

Table 8 - North Precinct Implementation Plan

(Refer to Appendix for list of abbreviations)

This Northern Precinct is characterised by a number of key features including the large central area owned by La Trobe University, the Darebin Creek located to the west and the Gresswell Forest Wildlife Reserve located to the north east. The regional Bundoora Parkland is located outside the study area on the northern boundary of the Precinct. This Precinct falls within the City of Darebin local government boundary area.



Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Early Years Services							
Sessional Kindergarten 2.1	Meet future Kindergarten needs by assessing the following options: <ul style="list-style-type: none"> The establishment of an early years hub as part of the implementation of the La Trobe Masterplan that incorporates 2 Kindergarten rooms. Exploring the feasibility of expanding capacity at Maryborough Avenue Kindergarten. Exploring feasibility of establishing a Kindergarten facility within Lancaster Gate. 	Yes	DCC	LTU	Medium	Yes	2.4, 2.5, 2.6, 2.20, 2.22, 2.23
Maternal & Child Health (MCH) 2.2	While no expansion to the capacity of existing MCH facilities appears required Council will continue to monitor opportunities for service enhancements.	No	DCC	Not applicable	Not applicable	Not applicable	
Long Day Child Care 2.3	Encourage La Trobe University to consider additional Long Day Child Care provision as part of the implementation of the La Trobe University campus masterplan, either as a direct provider or facilitating private provision as part of future development.	Yes	DCC LTU	T.B.C	Medium	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Council Community Centres, Halls & Meeting Spaces							
2.4	As a medium to long term measure encourage the City of Darebin to explore the feasibility of establishing an adult learning facility within the proposed La Trobe University Town Centre. Ideally, this type of service would be considered as a complimentary use for a municipal Library facility that could also be established within the La Trobe masterplan area.	No	DCC LTU	T.B.C	Medium	Yes	2.1, 2.5, 2.6, 2.20, 2.22, 2.23
Neighbourhood Houses / Adult Learning							
2.5	Encourage City of Darebin to negotiate with La Trobe University for the establishment of a multipurpose community centre as part of the implementation of the La Trobe University masterplan.	No	DCC LTU	Existing local Neighbourhood Houses	Medium	Yes	2.1, 2.4, 2.6, 2.20, 2.22, 2.23
Libraries							
2.6	As medium to long term measure encourage the City of Darebin to explore the feasibility of establishing a Branch Library facility within the proposed La Trobe University Town Centre to service existing and future population growth in communities such as La Trobe University, Bundoora and Kingsbury.	No	DCC (Darebin Libraries) LTU	T.B.C	Medium	Yes	2.1, 2.4, 2.5, 2.20, 2.22, 2.23
Active Open Space							
2.7	<i>Reconfiguring playing field infrastructure in a more efficient manner</i> • KP Hardiman Reserve	Yes, part of	DCC	Tenant clubs SRV	Short	Yes	
2.8	<i>More efficient timetabling of competition and training events during the course of the week</i> • CT Barling Reserve • John Hall Reserve • KP Hardiman Reserve • Judith Scott Memorial Park (not active presently)	No	DCC	Tenant clubs SRV	Short	Yes	
2.9	<i>More lighting</i> • CT Barling Reserve • KP Hardiman Reserve	CT Barling: No KP Hardiman: Yes	DCC	Tenant clubs SRV	Medium	Yes	
2.10	<i>Additional pavilion infrastructure</i> • KP Hardiman Reserve	Yes	DCC	Tenant clubs SRV	Medium	Yes	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
2.11	<i>Redevelopment of existing pavilions</i> <ul style="list-style-type: none">• John Hall Reserve• KP Hardiman Reserve	No	DCC	Tenant clubs SRV	Short	Yes	
2.12	<i>The replacement of grass playing fields with synthetic playing fields</i> <ul style="list-style-type: none">• John Hall Reserve• KP Hardiman Reserve – replacement of existing synthetic surface.	No	DCC	Tenant clubs SRV	Short	Yes	
2.13	The Cities of Darebin and Banyule to continue their existing close working relationship with La Trobe University to ensure significant community access to proposed recreation facilities within the sports precinct of La Trobe University including a large scale high ball stadium, synthetic soccer playing fields and baseball / softball diamonds. Other sports are likely to be included as part of the proposed development (e.g. gymnastics).	La Trobe University Melbourne Campus Masterplan	LTU DCC BCC	Various tiers of Government and Departments (e.g. SRV)	Ongoing	Yes	
2.14	Evaluate the existing shortfalls in indoor / outdoor netball court provision and soccer playing fields within the Precinct to determine if feasible options exist for additional provision.	Yes	DCC BCC	SRV LTU • Football Federation Victoria • Netball Victoria	Short	No (SRV funded)	
2.15	Undertake a systematic assessment process (e.g. feasibility study) to identify how existing local schools within or close to the Precinct can play a role in meeting both informal and organised recreation needs under joint school / community use agreements.	Draft VPA Metropolitan Open Space Strategy	DCC BCC Local Schools	LTU VPA	Ongoing	No	
Passive Open Space							
2.16	Continue to liaise with the VPA to implement draft Metropolitan Open Space Strategy actions relevant to the Precinct	Draft VPA Metropolitan Open Space Strategy	VPA	DCC	Short	Yes	
Indoor Recreation Facilities							
2.17	Facilitate La Trobe University's proposal to establish a nine-court indoor high ball facility within its sports precinct located on the southern end of its Bundoora Campus.	Refer above	Refer above	Refer above	Refer above	Refer above	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Council Aquatic & Leisure Facilities							
2.18	The City of Darebin to undertake a renewal of the Darebin Community Sports Stadium.	Yes	DCC	SRV	Medium	No	
2.19	As a medium term priority, Darebin City Council to determine what additional capacity / reconfiguration options may be appropriate for the Reservoir Leisure Centre due to projected population growth.	Yes	DCC	SRV	Medium	Yes	
Arts & Cultural Facilities							
2.20	Explore the feasibility of establishing an arts / cultural facility (or a multipurpose community facility with capacity to accommodate arts and cultural activities) as part of the future development of the La Trobe University Bundoora campus.	Yes	DCC LTU	Local arts/cultural groups	Medium	Yes	2.1, 2.4, 2.5, 2.6, 2.22, 2.23
Residential Aged Care & Disability Services							
2.21	Facilitate additional provision of residential aged care in appropriate locations including as part of the implementation of the La Trobe University Masterplan.	No	DCC LTU • Private residential aged care providers	-	Ongoing	No	
Council Aged Care Facilities & HACC Services							
2.22	Encourage the City of Darebin to assess the feasibility of establishing a more significant service presence within the North Precinct in terms of Council aged care and social support (e.g. Planned Activity Groups and venues for older persons to meet and socialise).	No	DCC	-	Medium	Yes	2.1, 2.4, 2.5, 2.6, 2.20, 2.23
2.23	Determine if the implementation of the La Trobe University Masterplan provides an appropriate opportunity to incorporate Council based aged care services and social support for older persons, potentially as part of a larger multipurpose community centre.	No	DCC LTU	-	Medium	Yes	2.1, 2.4, 2.5, 2.6, 2.20, 2.22, 5.1, 5.2, 5.5, 5.6, 5.26, 5.28
2.24	Determine future roll and function of the East Reservoir Senior Citizens Centre in light of future growth in the North and West Precinct.	No	DCC	-	Short	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Education Facilities							
2.25	Review the implications of the DET review into the capacity of local government schools to meet current and future population needs including the future use of the former Preston Girls Secondary College site in Cooma Street, Preston.	No	DET	DCC	Short	No	
2.26	Darebin Council and VPA continue with measures to secure joint school / community use agreements for the use of school land & facilities to meet broader community needs.	No	DCC • Local government schools	DET VPA	Short	No	
2.27	Undertake a social needs of students living on La Trobe University's Melbourne campus to ensure appropriate services and facilities are planned for this significant population sub-group.	No	LTU	DCC BCC	Ongoing	No	
Health Services							
2.28	Build on the health precinct priorities outlined for the La Trobe University Masterplan including increased acute and community health service provision.	Yes	LTU DHHS	DCH BCH	Short	No	
Public Housing & Community Housing							
2.29	Seek affordable / social housing outcomes as part of the development of the La Trobe University Campus.	No	DCC LTU	DHHS • Housing Associations • Private developers	Ongoing as development applications are assessed		

Table 9 - West Precinct Implementation Plan

(See Appendix for list of abbreviations)

The Western Precinct contains a number of key destinations including the Summerhill Village Shopping Centre on its northern edge, Northland Shopping Centre in the central part of the precinct, and Darebin Creek forming its eastern boundary. This Precinct falls within the City of Darebin local government boundary area.

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Early Years Services							
Sessional Kindergarten 3.1	Provide additional Kindergarten capacity within the West Precinct by assessing the following options: <ul style="list-style-type: none"> Expansion to existing facilities or construction of a new early years hub as part of the Northland Structure Plan. Exploring the feasibility of expanding capacity at Blake Street Kindergarten. 	No	DCC	Local schools DHHS	Medium	Yes	3.2, 3.4, 3.18, 3.21, 3.22
Maternal & Child Health 3.2	Identify a suitable site option for an additional MCH / early years facility within the Northland Structure Plan area.	No	DCC	Local schools DHHS	Medium	Yes	3.1, 3.4, 3.18, 3.21, 3.22
Community Centres, Halls & Other Council Community Meeting Spaces							
3.3	The City of Darebin investigate the feasibility of establishing two new multipurpose community centres within the West Precinct with one of those centred on the Northland Structure Plan area and one other in a location yet to be determined.	No	DCC	T.B.C	Medium	Yes	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Neighbourhood Houses							
3.4	As a medium to long term measure encourage the City of Darebin to explore the feasibility of providing appropriate spaces, including classroom spaces, as part of the future development of the Northland Structure Plan area. Ideally, this space would form part of a larger multipurpose community facility, or established in partnership with Darebin Community Health Services.	No	DCC	DHHS DCH • Local Neighbourhood Houses	Medium	Yes	3.1, 3.2, 3.18, 3.21, 3.22
Libraries							
3.5	Although the future development of the Northland Structure Plan area presents a potential opportunity to relocate the existing Preston Library in Gower Street, Darebin's Library representatives have indicated a preference to maintain a presence at its current location.	Not applicable	DCC	Not applicable	Not applicable	Not applicable	
Active Open Space							
3.6	<i>Reconfiguring playing field infrastructure in a more efficient manner</i> • CH Sullivan Memorial Park	No	DCC	Tenant clubs SRV	Medium	Yes	
3.7	<i>More efficient timetabling of competition and training events during the course of the week</i>		DCC	Tenant clubs SRV			
	• CH Sullivan Memorial Park	Yes			Medium	Yes	
	• HLT Oulten Reserve	Yes			Short	Yes	
	• TW Blake Park	Yes			Medium	Yes	
3.8	<i>More lighting</i>		DCC	Tenant clubs SRV			
	• CH Sullivan Memorial Park	Yes			Medium	Yes	
	• HLT Oulten Reserve	Yes			Short	Yes	
	• TW Blake Park	No			T.B.C	T.B.C	
3.9	<i>Additional pavilion infrastructure</i> • CH Sullivan Memorial Park – in progress	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
3.10	<i>Redevelopment of existing pavilions</i>		DCC				
	• CH Sullivan Memorial Park – in progress	Not applicable		Not applicable	Not applicable	Not applicable	
	• TW Blake Park	Yes		SRV	Long	Yes	
3.11	<i>Enhancing the durability of existing grass surfaces (e.g. strengthening the grass cover, improved drainage etc.)</i> • HLT Oulten Reserve to be investigated by DCC	No	DCC	Tenant clubs	T.B.C	T.B.C	
3.12	Given the relatively low provision of active open space within this Precinct, but close proximity to significant active open space reserves along the Darebin Creek to the east, prioritise measures that improve pedestrian and bicycle access from the West Precinct to these reserves.						
	• Implement outcomes of TW Blake Masterplan	Yes	DCC	T.B.C	T.B.C	T.B.C	
	• Implement outcomes of Olympic Park Masterplan	Yes	BCC	T.B.C	T.B.C	T.B.C	
3.13	Evaluate the existing shortfalls in outdoor netball court provision within the Precinct to determine if feasible options exist for additional provision.	Yes	DCC	SRV Netball Victoria	Short	No	
3.14	Undertake a systematic assessment process (e.g. feasibility study) to identify how existing local schools within or close to the Precinct can play a role in meeting both informal and organised recreation needs under joint school / community use agreements.	No	DCC	DET	Short	No	
Passive Open Space							
3.15	Continue to liaise with the VPA to implement draft Metropolitan Open Space Strategy actions relevant to the Precinct	Draft VPA Metropolitan Open Space Strategy	DCC VPA	Not applicable	Short	Yes	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Indoor Recreation Facilities							
3.16	Darebin City Council to evaluate the most optimal long term role and function of CH Memorial Park Stadium (currently used for roller derby) in light of projected population growth and the three current proposals for high ball indoor court provision within LTNEC: 1) La Trobe University (9 courts) 2) Former Banksia College site (4 to 6 courts) 3) Darebin City Council facility (4 to 6 courts)		DCC	Private operator of CH Memorial Park Stadium	Short	No	
Council Aquatic & Leisure Facilities							
3.17	No Council aquatic leisure facility is recommended for the West Precinct given its close proximity to the Olympic Leisure Centre (Heidelberg West), Reservoir Leisure Centre (Reservoir East), Northcote & Aquatic Leisure Centre (Northcote) and the Ivanhoe Aquatic & Fitness Centre (Ivanhoe).	Yes	DCC	Not applicable	Not applicable	Not applicable	
	The inclusion of privately operated gymnasiums and gymnasiums and small aquatic facilities within proposed high density residential and mixed use developments within the Northland Structure Plan area should be encouraged as one means of responding to future increased demand.	No	DCC	Private developers	As major development applications are assessed	No	
Arts & Cultural Facilities							
3.18	Explore the feasibility of establishing an arts / cultural facility (or a multipurpose community facility with capacity to accommodate arts and cultural activities) as part of the future development of the Northland Structure Plan area.	No	DCC	Local arts/cultural groups	Long	No	3.1, 3.2, 3.4, 3.21, 3.22
Residential Aged Care & Disability Services							
3.19	Facilitate additional provision of residential aged care in appropriate locations.	No	DCC • Private operators	Ongoing	No	Not applicable	
3.20	Encourage DHHS to consider residential aged care provision as part of any future redevelopment of its Public Housing Estates within the West Precinct.	No	DCC DHHS	-	Short	No	

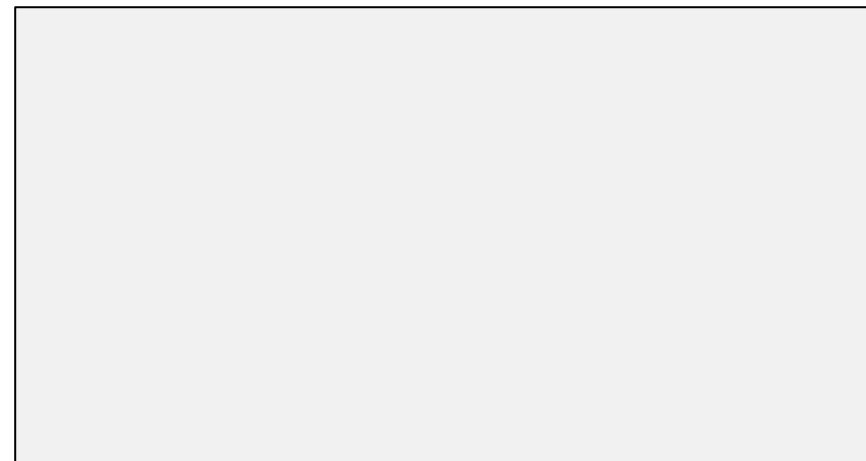
Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Council Aged Care Facilities & HACC Services							
3.21	Encourage the City of Darebin to assess the feasibility of establishing a more significant service presence within the West Precinct in terms of Council aged care and social support (e.g. Planned Activity Groups and venues for older persons to meet and socialise).	No	DCC	-	Medium	Yes	3.1, 3.2, 3.4, 3.18, 3.22
3.22	Determine if the preparation and implementation of the Northland Structure Plan provides an appropriate opportunity to incorporate Council based aged care services and social support for older persons, potentially as part of a larger multipurpose community centre.	No	DCC	-	Medium	Yes	3.1, 3.2, 3.4, 3.18, 3.21
Education Facilities							
3.23	Review the implications of the DET review into the capacity of local government schools to meet current and future population needs including the future use of the former Preston Girls Secondary College site in Cooma Street, Preston.	No	DET	DCC	Short	No	
3.24	Darebin Council and VPA continue with measures to secure joint school / community use agreements for the use of school land & facilities to meet broader community needs.	No	DCC VPA • Local government schools	DET	Short	No	
Health Services							
3.25	Identify how the existing Reservoir East campus of Darebin Community Health Services can be expanded / reconfigured to absorb additional future service demand for primary health care.	No	DCH	DHHS(Health)	Short	No	
3.26	Investigate additional health provision opportunities associated with the planning and implementation of the Northland Structure Plan	No	DCC DCH	DHHS(Health)	Short to Medium	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Public Housing & Community Housing							
3.27	Encourage DHHS to undertake masterplan of the public housing estates located within the Precinct. The key goals of the masterplan would include: <ul style="list-style-type: none"> • Improve the quality of social housing stock and encourage appropriate mix of dwelling types and tenures to meet different demographic requirements • Improved residential amenity including open space, pathway development and potential integration of community facilities. 	No	DCC DHHS	Housing Associations	Ongoing	No	
3.28	Encourage and facilitate affordable / social housing outcomes as part of the development of the Northland Urban Renewal Precinct Structure Plan and to consider policy guidance in Planning Schemes to support increase in the provision of social and affordable housing including the introduction of inclusionary zoning.	No	DCC	DHHS • Housing Associations • Private developers	Ongoing		

Table 10 - Central Precinct Implementation Plan

(See Appendix for list of abbreviations)

The Central Precinct is characterised by a number of key features including the Darebin Creek which runs along its western boundary, the Bell Street Mall and Olympic Village Hub. This Precinct falls within the City of Banyule local government boundary area.



Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Early Years Services							
Sessional Kindergarten 4.1	While no expansion to the capacity of existing Kindergarten facilities appears required Banyule Council will continue to monitor opportunities for service enhancements.	No	BCC	-	Not applicable	Not applicable	
Maternal & Child Health 4.2	While no expansion to the capacity of existing MCH facilities appears required Banyule Council will continue to monitor opportunities for service enhancements.	No	BCC	-	Not applicable	Not applicable	
Long Day Child Care 4.3	Banyule City Council to assess its role in the provision of Long Day Care provision within the Precinct.	No	BCC	-	Not applicable	Not applicable	
4.4	Banyule City Council to investigate the feasibility of establishing a Long Day Child Care facility / early years hub catering for the needs of public housing residents living within the Central Precinct. Note this should not be on DHHS owned land	No	BCC	DHHS	Medium	Yes	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Community Centres, Halls & Other Council Community Meeting Spaces							
Community Meeting Spaces 4.5	Encourage the City of Banyule to plan for the establishment of at least one multipurpose community centre and community hub as part of future development of Heidelberg West. As per the Neighbourhood House, Library and Aged Services assessment for the Central Precinct, this proposal would involve co-ordinating the planning for a large-scale community hub consisting of a multi-purpose community centre incorporating community meeting spaces, a new consolidated home for Olympic Adult Education Neighbourhood House, a new municipal Library and a “senior’s hub”.	No	BCC	BCH	Medium	Yes	4.8, 4.30, 4.32, 4.33
4.6	Other priorities include Banyule City Council’s desire to redevelop existing sporting pavilions as appropriate community meeting space venues.	Yes	BCC	Tenant sporting clubs	Ongoing	Yes	
Neighbourhood Houses							
4.7	Support Olympic Adult Education’s goal to operate from one new centralised facility within the Precinct. In so doing, Banyule City Council is encouraged to assess the merits of this proposal in conjunction with the recommendation that a Library be established within the Precinct (as a long term measure) and a “senior’s hub” facility suggested by Council’s Aged & Disability Services Unit.	Banyule Recreation Strategy 2013-17	BCC	SRV	Short	Yes	
Libraries							
4.8	As medium to long term measure encourage the City of Banyule to explore the feasibility of establishing a Branch Library facility within Heidelberg West to service existing and future population growth.	No	BCC	• Yarra Plenty Regional Library • DCC / Darebin Libraries	Long	Yes	4.5, 4.30, 4.32, 4.33
Active Open Space							
4.9	Develop Ford Park into a major sport and recreation reserve and undertake the necessary public consultation and planning processes to ensure community benefit is maximised.	• Banyule Public Open Space Plan • Banyule Recreation Strategy 2013-17	BCC	SRV	Short	Yes	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
4.10	Develop and upgrade Olympic Reserve into a major regional sport and recreation hub and undertake the necessary consultation and planning processes to ensure community benefit, access and community safety are maximised.	• Banyule Public Open Space Plan • Banyule Recreation Strategy 2013-17	BCC	SRV	Short	Yes	
4.11	Explore opportunities with Latrobe University, and Darebin City Council for jointly developing sporting facilities. In particular, specialised high use facilities, such as much synthetic sports fields to meet the growing demand for sports such as soccer.	Banyule Public Open Space Plan	BCC	DCC SRV	Short	Yes	
4.12	Explore opportunities along the Darebin Creek Corridor for joint sporting and recreation facility development with Darebin City Council.	Banyule Recreation Strategy 2013-17	BCC	SRV	Short	Yes	
4.13	<i>Reconfiguring playing field infrastructure in a more efficient manner</i> • Olympic Park	Banyule Recreation Strategy 2013-17	BCC	SRV	Medium	Yes	
4.14	<i>More efficient timetabling of competition and training events during the course of the week</i> • Olympic Park	Banyule Recreation Strategy 2013-17	BCC	SRV	Short	Yes	
4.15	<i>More lighting</i> • Olympic Park • Ford Park (second playing field)	Banyule Recreation Strategy 2013-17	BCC	SRV	Short	Yes	
4.16	<i>Additional pavilion infrastructure</i> • Olympic Park • Ford Park	Banyule Recreation Strategy 2013-17	BCC	SRV	Medium	No	
4.17	<i>Enhancing the durability of existing grass surfaces (e.g. strengthening the grass cover, improved drainage etc)</i> • Olympic Park	Banyule Recreation Strategy 2013-17	BCC	SRV	Ongoing	Yes	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
4.18	<i>Synthetic playing fields</i> <ul style="list-style-type: none"> Cyril Cummins Reserve (Council may investigate whether it's feasible to establish an additional synthetic playing field on the adjacent grassed area). Note also that the existing synthetic Hockey playing surface is in extremely poor condition and requires replacement. Banyule City Council has applied for a 2016-17 SRV funding application to address this issue. 	Banyule Recreation Strategy 2013-17	BCC	SRV	Long	Yes	
4.19	Given the relatively low provision of active open space within this Precinct, but close proximity to significant active open space reserves along the Darebin Creek to the west, prioritise measures that improve pedestrian and bicycle access from the Central Precinct to these reserves.	Banyule Recreation Strategy 2013-17	BCC	Private developers and property owners	Short	Yes	
4.20	Evaluate the existing shortfalls in tennis and outdoor netball court provision within the Precinct to determine if feasible options exist for additional provision.	Banyule Recreation Strategy 2013-17	BCC • Tennis Victoria • Netball Victoria	SRV	Short	Yes	
4.21	Undertake a systematic assessment process to identify how exiting local schools within or close to the Precinct can play a role in meeting both informal and organised recreation needs under joint school / community use agreements.	Draft VPA Metropolitan Open Space Strategy	BCC	Local Schools DET VPA	Short	No	
Passive Open Space							
4.22	Work with the relevant government departments and agencies to finalise and implement the open space strategy across metropolitan Melbourne in accordance with the Plan Melbourne Refresh.	VPA	BCC	DCMC DCC VPA	Ongoing	Yes	
4.23	Explore an agreement with the Education Department for out of hours use of land in Perkins Avenue currently managed by the Waratah Special School.	Banyule Public Open Space Plan	BCC • Waratah Special School	DET	Medium	No	
4.24	Investigate strategies for increasing the availability of local public open space for residents in areas that are not within reasonable walking distance of a park, or where there is currently an under supply, such as Heidelberg Heights. This could include such strategies as creating additional public open space through street closures, pop up parks, negotiated joint use agreements with other public land management authorities, acquisition of land, particularly that which is adjacent to current open space in order to expand existing reserves.	Banyule Public Open Space Plan	BCC	-	Medium		

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
4.25	Develop and Upgrade Ramu Parade Reserve into a substantial neighbourhood park.	Banyule Public Open Space Plan	BCC	-	Medium	No	
4.26	Provide the necessary funding for park facility improvements identified in the “Future Projects West Precinct”.	Banyule Public Open Space Plan	BCC	-	Medium	No	
4.27	Provide a nature-based play experience within one of the Precinct’s existing playgrounds.	Banyule Public Open Space Plan	BCC	-	Short	No	
Indoor Recreation Facilities							
4.28	Continue to implement Banyule City Council’s plans to advocate for additional funding for additional high ball courts within the region.	No	BCC	DCC LTU	Short	T.B.C	
Council Aquatic & Leisure Facilities							
4.29	Banyule City Council is likely to review the Olympic Leisure Centre Masterplan and consider what additional capacity/reconfiguration options may be appropriate for the Olympic Leisure Centre due to population growth.	No	BCC	DCC	Long	Yes	
Arts & Cultural Facilities							
4.30	Explore the feasibility of establishing an arts / cultural facility (or a multipurpose community facility with capacity to accommodate arts and cultural activities) near existing facilities in Heidelberg West.	Banyule Arts Plan 2013-17	BCC	DCC	Long	Yes	4.5, 4.8, 4.32, 4.33
Residential Aged Care & Disability Services							
4.31	Facilitate additional provision of residential aged care in appropriate locations.	No	BCC • Private operators	Ongoing	No	Not applicable	
Council Aged Care Facilities & HACC Services							
4.32	Support the City of Banyule’s Aged & Disability Services strategic intentions to establish two new “senior’s hubs” within the municipality, with Heidelberg West providing one potential focal point.	No	BCC	-	Medium	Yes	4.5, 4.8, 4.30, 4.33

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
4.33	Banyule City Council to work closely with DHHS to consider making provision for Council owned/leased and operated aged care services and social support for older persons, potentially as part of a larger multipurpose community centre, if it undertakes a large scale masterplan of its public housing estates within the Central Precinct.	No	BCC DHHS	-	Short	No	4.5, 4.8, 4.30, 4.32
Education Facilities							
4.34	Review the implications of the DET review assessing the capacity of existing government education facilities within Banyule to accommodate current and future population growth.	No	DET	BCC VPA	Short	No	
4.35	Discuss with DET the potential long term need for an additional Government Secondary College servicing both the East Precinct and southern half of the Central Precinct.	No	DET	BCC VPA	Short	No	5.30
4.36	Banyule Council and VPA continue with measures to secure joint school / community use agreements for the use of school land & facilities to meet broader community needs.	No	BCC VPA • Local government schools	DET	Short	No	
Health Services							
4.37	Identify how the existing West Heidelberg campus of Banyule Community Health Services can be expanded / reconfigured to absorb additional future service demand for primary health care.	No	BCC	DHHS	Short	No	
Public Housing & Community Housing							
4.38	Encourage DHHS to undertake a masterplan of the public housing estates located within the Precinct. The key goals of the masterplan would include: <ul style="list-style-type: none"> • Improve the quality of social housing stock and encourage appropriate mix of dwelling types and tenures to meet different demographic requirements • Improved residential amenity including open space, pathway development and potential integration of community facilities. 	No	BCC DHHS	• Housing Associations • Private developers	Ongoing	No	
4.39	Seek affordable / social housing outcomes as part of private development applications	No	BCC	DHHS • Housing Associations • Private developers	Ongoing as development applications are assessed		

Table 11 - East Precinct Implementation Plan

(See Appendix for list of Abbreviations)

The Eastern Precinct contains the Austin and Mercy for Women’s Hospitals and the Heidelberg Repatriation Hospital site (owned and managed by Austin Health). Change and development in this Precinct is directed by the Heidelberg Structure Plan. This Precinct falls within the City of Banyule local government boundary area.



Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Early Years Services							
Sessional Kindergarten 5.1	Increase future Kindergarten capacity by assessing the following options: <ul style="list-style-type: none"> Identifying a suitable site option for an additional Kindergarten / early years facility within the Heidelberg Structure Plan area. Exploring the feasibility of expanding capacity at Heidelberg Preschool. Monitor the need to establish a Kindergarten facility in Heidelberg Heights and Rosanna. 	No	BCC	State Government	Medium	Yes	2.23, 5.2, 5.5, 5.6, 5.26, 5.28
Maternal & Child Health 5.2	Identifying a suitable site option for an additional MCH / early years facility within the Heidelberg Structure Plan area.	No	BCC	State Government	Medium	Yes	2.23, 5.1, 5.5, 5.6, 5.26, 5.28
Long Day Child Care 5.3	Banyule City Council to assess its role in the provision of Long Day Care provision within the Precinct to address to future population growth.	No	BCC	-	Short	No	
5.4	Encourage additional private Long Day Child Care provision within the East Precinct, and, where feasible, within close proximity of the Austin Hospital.	No	Private operators	BCC	Ongoing	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Community Centres, Halls & Other Council Community Meeting Spaces							
5.5	Given the relatively small supply of community facilities offering community meeting space within the East Precinct, this assessment recommends that Banyule City Council investigate the feasibility of establishing at least two new multipurpose community facilities, with a particular focus on establishing one new facility within the Heidelberg Structure Plan area, and one further north in Rosanna / Heidelberg Heights.	No	BCC	State Government	Medium	Yes	2.23, 5.1, 5.2, 5.6, 5.26, 5.28
Neighbourhood Houses							
5.6	As a medium to long term measure encourage the City of Banyule to explore the feasibility of providing appropriate spaces, including classroom spaces, as part of the future development of the Heidelberg Structure Plan area. Ideally, this space would form part of a larger multipurpose community facility.	No	BCC	• Local Neighbourhood Houses • State Government	Medium	Yes	2.23, 5.1, 5.2, 5.5, 5.26, 5.28
5.7	Other priorities include Banyule City Council's desire to redevelop existing sporting pavilions as appropriate community meeting space venues.	Yes	BCC	Tenant sporting clubs	Ongoing	Yes	
Libraries							
5.8	The presence of Rosanna Library (to the east) and Ivanhoe Library (to the south) suggests that additional Library provision within the East Precinct may be difficult to justify without at least one of those facilities being relocated. The greater need and opportunity appears to be exploring additional Library provision within the adjoining Central Precinct.	No	BCC	Yarra-Plenty Regional Library	Medium	Yes	
Active Open Space							
5.9	<i>More lighting</i> • Shelley Reserve	No	BCC	Tenant clubs	Medium to Long	No	
5.10	<i>Redevelopment of existing pavilions</i> • James Reserve	Banyule Recreation Strategy 2013-17	BCC	Tenant clubs	Medium	Yes	
5.11	<i>This recommendation no longer applicable.</i>						

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
5.12	Given the relatively low provision of active open space within this major Precinct, but close proximity to significant active open space reserves to the east in Heidelberg Park and Warringal Parklands, prioritise measures that improve pedestrian and bicycle access from the East Precinct to these reserves across Rosanna Road.	Banyule Recreation Strategy 2013-17	BCC	Private developers and property owners	Medium	Yes	
5.13	Evaluate the existing shortfalls in tennis and outdoor netball court provision within the Precinct to determine if feasible options exist for additional provision.	Banyule Recreation Strategy 2013-17	BCC • Tennis Victoria • Netball Victoria	SRV	Short	Yes	
5.14	Undertake a systematic assessment process to identify how exiting local schools within or close to the Precinct can play a role in meeting both informal and organised recreation needs under joint school / community use agreements.	Draft VPA Metropolitan Open Space Strategy	BCC	Local Schools DET VPA	Short	No	
Passive Open Space							
5.15	Work with the relevant government departments and agencies to finalise and implement the open space strategy across metropolitan Melbourne in accordance with the Plan Melbourne Refresh.	Draft VPA Metropolitan Open Space Strategy	BCC	VPA	Ongoing	Yes	
5.16	Increase pedestrian and cycling connectivity between adjacent public open space and the Heidelberg Activity Centre, by investing in appropriate infrastructure.	Banyule Public Open Space Plan	BCC	-	Medium	No	
5.17	Work with Manningham City Council and the State Government to establish pedestrian and cycling connectivity between the Warringal Parklands, the Main Yarra Trail on the western side of the Yarra River with Banksia Metropolitan Park and Heide Museum of Modern Art on the eastern side of the River.	Banyule Public Open Space Plan	BCC	• Manningham City Council • State Government	Medium	No	
5.18	Develop community use agreements with local schools in areas identified as having poor access to local public open space.	Banyule Public Open Space Plan	BCC	Local schools DET	Short to Medium	No	
5.19	Arrange for the Burgundy Street and Powlett Street Road reserves to be reclassified as public open space and prepare park masterplans for them.	Banyule Public Open Space Plan	BCC	-	Short	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
5.20	Prepare a masterplan for the whole of Heidelberg Park which improves the path network, identifies sites to develop family activity nodes and formalises the Heidelberg Gardens.	Banyule Public Open Space Plan	BCC	-	Short	No	
5.21	Improve playground quality and access by upgrading the Station Road Playground, and one of the two playgrounds in the Rosanna Parklands and negotiate the development of a neighbourhood level playspace on a school site within the Heidelberg Activity Centre.	Banyule Public Open Space Plan	BCC	-	Medium	No	
Indoor Recreation Facilities							
5.22	Banyule City Council to implement works associated with the final Macleod Recreation & Fitness Centre Masterplan.	Yes	BCC	Leisure Facility Manager	Short	No	
Council Aquatic & Leisure Facilities							
5.23	The inclusion of privately operated gymnasiums and small aquatic facilities within proposed high density residential and mixed use developments within the Heidelberg Structure Plan area should be encouraged as one means of responding to future increased demand.	No	BCC	Private developers	As major development applications are assessed	No	
5.24	As a medium term priority, Banyule City Council to determine what additional capacity / reconfiguration options may be appropriate for the Ivanhoe Aquatic & Fitness Centre due to projected population growth.	No	BCC	-	Medium	No	
5.25	Explore with Austin Health the potential to expand access to the Heidelberg Repatriation Hospital rehabilitation pool to the broader community.	No	AH BCC	-	Short	No	
Arts & Cultural Facilities							
5.26	Explore the feasibility of establishing an arts / cultural facility (or a multipurpose community facility with capacity to accommodate arts and cultural activities) as part of the future development of the Heidelberg Structure Plan.	No	BCC	Local arts/cultural groups	Long	No	2.23, 5.1, 5.2, 5.5, 5.6, 5.28
Residential Aged Care & Disability Services							
5.27	Encourage and facilitate additional private provision of residential aged care within the East Precinct.	No	BCC	Private operators	Ongoing	No	

Project No.	Recommendations	In Existing Strategy?	Main Responsible Agency	Other Partner Stakeholders	Timing: Short (1-5 yrs) Medium (6-10 yrs) Long Term (11+ yrs)	Potential DCP/ICP Item?	Project Nos. of Other Linked Projects
Council Aged Care Facilities & HACC Services							
5.28	Determine if the preparation and implementation of the Heidelberg Structure Plan provides an appropriate opportunity to incorporate Council based aged care services and social support for older persons, potentially as part of a larger multipurpose community centre.	No	BCC	DHHS BCH AH	Short	Yes	2.23, 5.1, 5.2, 5.5, 5.6, 5.26
Education Facilities							
5.29	Review the implications of the DET review assessing the capacity of existing government education facilities within Banyule to accommodate current and future population growth.	No	DET	BCC VPA	Short	No	
5.30	Discuss with DET the potential long term need for an additional Government Secondary College servicing both the East Precinct and southern half of the Central Precinct.	No	DET	BCC VPA	Short	No	4.35
5.31	Banyule Council and VPA continue with measures to secure joint school / community use agreements for the use of school land & facilities to meet broader community needs.	No	BCC • Local government schools	DET	Short	No	
Health Services							
5.32	Explore opportunities to expand and diversify health service delivery at the Austin / Mercy for Women.	No	AH	DHHS	Ongoing	No	
Public Housing & Community Housing							
5.33	Encourage and facilitate affordable / social housing outcomes as part of the development of the Heidelberg Structure Plan area.	No	BCC	DHHS • Housing Associations • Private developers	Ongoing		

Appendix A – Abbreviations

AH = Austin Health

BCC = Banyule City Council

BCH = Banyule Community Health

DCC = Darebin City Council

DCH = Darebin Community Health

DCMC = Darebin Creek Coordinating Committee

DCMP = *Darebin Creek Management Plan* (2014)

DCP = Development Contribution Plan

DET = Department of Education and Training

DHHS = Department of Health and Human Services

EPA = Environmental Protection Authority

ICP = Infrastructure Contribution Plan (anticipated new scheme to come from *Plan Melbourne Refresh*)

LTNEC – La Trobe National Employment Cluster

LTU = La Trobe University

VPA = Victorian Planning Authority

MW = Melbourne Water

NEPCP = North East Primary Care Partnership

PTV = Public Transport Victoria

SRV = Sport & Recreation Victoria

Appendix B – Limitations

In undertaking the audit and analysis for the Plan a number of assumptions were made which prevented definitive outcomes being forecast. These limitations must be recognised and considered when using this report to inform decisions about the delivery of future community infrastructure. The following limitations of the La Trobe Joint Community Infrastructure Plan should be noted :

1. The community infrastructure provision measure assumptions rely heavily on typical standards applied by Growth Area Councils for greenfield developments at Melbourne’s fringe. These provision standards may not be appropriate in this development setting.
2. The analysis focuses heavily on Government provided services and infrastructure and does not consider the role played by the private and not-for-profit sector in meeting social needs and the impact that this may have on provision of community infrastructure by different levels of Government in the area. For example, the role played by churches, service and other clubs, and the Northland Shopping Centre in meeting (and continuing to meet) the education and training, health and wellbeing, social interaction, recreation and leisure, and artistic and cultural expression needs of the community has not been explored.
3. The analysis of current community infrastructure provision levels (that is, infrastructure item per person) assumes that all demand for the infrastructure items assessed comes from within the study area which is unlikely to be the case for regional services (for example, TAFE campus).
4. Dwelling projections are based on a completed development scenario, and it is assumed that mid development will be achieved by 2031 and full development will be achieved by 2051. These timeframes may be unrealistic given that the planning process is still being completed and development is not yet being facilitated.
5. The future dwelling assumptions do not include any increase in student accommodation and housing within the La Trobe University campus. While many student services are provided within La Trobe University, a significant increase in the number of students living on campus will also impact on demand for community infrastructure within the broader area.
6. It has been assumed that the provision of higher density built form in the area will result in a different demographic mixture than currently exists (or is projected within the Victoria in Future figures). The demographic projections assume that the physical form of future dwellings will influence the average household size and age cohort demographics. However there is growing evidence that families are residing in apartment buildings and some evidence that the provision of a broader range of dwelling types across an area results in residents living in what might be considered “more appropriate” dwellings, rather than significantly changing the population profile within that area.

Appendix C – References

