

LGIP Plan

Amendment to Part 4 and Schedule 3 of City Plan

Attachment 1 - 02/24 – Local Government Infrastructure Plan Major Amendment

Introduction

The following document details the proposed changes to the Local Government Infrastructure Plan (LGIP) contained with Part 4 of City Plan 2018 – Version 11.

Each item deals with a particular section/s of the scheme that is/are proposed to be amended.

Not all sections of the scheme are proposed to be amended.

Only enough of the scheme has been reproduced in each case to give context to the proposed change. Not all sections are reproduced in their entirety. If you require further context or wish to examine how the proposed change fits within the entire section where the amendment is proposed to take place, then you will need to refer to a full copy of City Plan.

Any consequential amendments required to formatting, numbering etc. will be undertaken as required and will not be specifically noted in the amendments below.

Conventions

In this document all proposed changes to City Plan are highlighted in yellow.

Where sections are highlighted in yellow and have a strikethrough line, this indicates where text/numbers are proposed to be deleted.

~~Deleted text appears like this.~~

Where sections are highlighted in yellow but do not have a strikethrough line this indicates where new text/numbers are proposed to be inserted.

Inserted words appear like this.

Where a section or numbered item has been deleted or a new item inserted subsequent sections will need to be renumbered appropriately.

Parts

This attachment is broken into seven parts:

Part 1 – Amendments to part 4.1 (text changes);

Part 2 – Amendments to part 4.2 (updated planning assumptions)

Part 3 – Amendments to part 4.3 (text changes); and

Part 4 – Amendments to part 4.4 (desired standard of service changes).

Part 5 – Amendments to part 4.5 (text changes and amended plans for trunk infrastructure)

Part 6 – Amendments to Editor's note – Extrinsic material

Part 7 - Amendments to Schedule 3 of City Plan 2018 (updated Local Government infrastructure plan maps and tables)

Part 1 – Amendment to Part 4.1 of the Local Government Infrastructure Plan

This amendment is proposed to update text to refer to current planning legislation and the planning horizon year for the amended LGIP. Administrative changes are also proposed.

Proposed amendment

4.1 Preliminary

- (1) This local government infrastructure plan has been prepared in accordance with the requirements of the ~~Sustainable Planning Act 2009~~ **Planning Act 2016**.
- (2) The purpose of the local government infrastructure plan is to:
 - (a) integrate infrastructure planning with the land-use planning identified in the planning scheme;
 - (b) provide transparency regarding a local government's intentions for the provision of trunk infrastructure;
 - (c) enable a local government to estimate the cost of infrastructure provision to assist its long term financial planning;
 - (d) ensure that trunk infrastructure is planned and provided in an efficient and orderly manner;
 - (e) provide a basis for the imposition of conditions about infrastructure on development approvals.
- (3) The local government infrastructure plan:
 - (a) states in Section 4.2 (planning assumptions) the assumptions about future growth and urban development including the assumptions of demand for each trunk infrastructure network;
 - (b) identifies in Section 4.3 (priority infrastructure area) the prioritised area to accommodate urban growth up to **2027 2031**;
 - (c) states in Section 4.4 (desired standards of service), for each trunk infrastructure network, the desired standard of performance;
 - (d) identifies in Section 4.5 (plans for trunk infrastructure) the existing and future trunk infrastructure for the following networks:
 - i. water supply;
 - ii. sewerage;
 - iii. stormwater;
 - iv. transport;
 - v. parks and land for community facilities.
- (4) provides a list of supporting documents that assist in the interpretation of the local government infrastructure plan in the Editor's note – Extrinsic material at the end of Part 4.

Part 2 – Amendment to Part 4.2 of the Local Government Infrastructure Plan

This amendment is proposed to update the following planning assumptions in the current LGIP:

- The base date and projection years for the LGIP;
- Updated population and employment data;
- Development constraints

Minor amendments to wording and table references are also proposed.

Proposed amendment

4.2 Planning assumptions

- (1) The planning assumptions state the assumptions about:
 - (a) population and employment growth;
 - (b) the type, scale, location and timing of development including the demand for each trunk infrastructure network.
- (2) The planning assumptions together with the desired standards of service form a basis for the planning of the trunk infrastructure networks and the determination of the priority infrastructure area.
- (3) The planning assumptions have been prepared for:
 - (a) the base date (~~2016~~ 2021), ultimate development and the following projection years ~~to accord with future Australian Bureau of Statistics census years:~~
 - ~~(i) mid 2021;~~
 - ~~(ii) (i) mid 2026;~~ and
 - ~~(iii) (ii) mid 2031~~
 - (b) the LGIP development types in column 2 that include the uses in column 3 of Table 4.2.1 – ~~Population and employment assumptions summary~~ Relationship between LGIP development categories, LGIP development types and uses;
 - (c) the projection areas identified on Local Government Infrastructure Plan Map LGIP-01 in Schedule 3—Local government infrastructure plan mapping and tables.

Table 4.2.1 Relationship between LGIP development categories, LGIP development types and uses

Column 1 LGIP development category	Column 2 LGIP development type	Column 3 Uses
Residential development	Attached dwelling	Community residence Dual occupancy Dwelling unit Multiple dwelling Nature-based tourism Relocatable home park Residential care facility Resort complex

Column 1 LGIP development category	Column 2 LGIP development type	Column 3 Uses
		Retirement facility Rooming accommodation Short-term accommodation Tourist park
	Detached dwelling	Caretaker's accommodation Dwelling house Home based business Rural workers' accommodation
Non-residential development	Commercial	Office
	Community purpose	Cemetery Childcare centre Community care centre Community use Crematorium Detention facility Emergency services Educational establishment Funeral parlour Health care services Hospital Park Place of worship
	Industry	High impact industry Low impact industry Marine industry Medium impact industry Port services Research and technology industry Rural industry Special industry Transport depot Warehouse
	Other	Air services Animal husbandry Animal keeping Aquaculture Cropping Environment facility Extractive industry Indoor sport and recreation Intensive animal husbandry Intensive horticulture Landing Major electricity infrastructure Major sport, recreation and entertainment facility Motor sport facility Permanent plantation Roadside stall Substation Telecommunications facility Utility installation Wholesale nursery

Column 1 LGIP development category	Column 2 LGIP development type	Column 3 Uses
		Winery
	Retail	Adult store Agricultural supplies store Bar Brothel Car wash Club Bulk landscape supplies Food and drink outlet Function facility Garden centre Hardware and trade supplies Hotel Nightclub entertainment facility Market Outdoor sales Parking station Sales office Service industry Service station Shop Shopping centre Showroom Theatre Tourist attraction Veterinary services

- (4) Details of the methodology used to prepare the planning assumptions are stated in the extrinsic material.

4.2.1 Population and employment growth

- (1) A summary of the assumptions about population and employment growth for the planning scheme area is stated in Table 4.2.12 – Population and employment assumptions summary.

Table 4.2.12 – Population and employment assumptions summary

Column 1 Description	Column 2 Assumptions				
	Base date (2016)	2021	2026	2031	Ultimate development
Population	153,666	163,418	174,316	180,923	188,413
Employment	37,554	39,909	42,654	45,294	50,599

Column 1 Description	Column 2 Assumptions			
	Base date (2021)	2026	2031	Ultimate development
Population	158,397	165,931	175,105	218,276
Employment	51,910	56,042	60,390	68,299

(2) Detailed assumptions about growth for each projection area and LGIP development type category are identified in the following tables in Schedule 3 Local government infrastructure plan mapping and tables:

- (a) for population, Table SC3.1.1—Existing and projected population;
- (b) for employment, Table SC3.1.2—Existing and projected employees.

4.2.2 Development

(1) The developable area is land zoned for urban purposes not affected by the development constraints stated in Table 4.2.23 – Development constraints.

Table 4.2.23—Development constraints

Column 1 Development constraint	Column 2 Applicable components
Coastal protection (erosion prone areas) overlay	Erosion prone areas
Environmental significance overlay	~~Matters of state environmental significance areas~~ ~~Matters of local environmental significance areas~~ Wetland and waterways Biodiversity (Fauna) Biodiversity (Vegetation) Protected Areas
Flood and storm tide hazard overlay	~~Drainage constrained land*~~ ~~Defined storm tide event*~~ ~~Defined flood event*~~ ~~Note — * except where the land is zoned for residential, commercial or industrial purposes.~~ Storm tide inundation area Flood (Q100) Flood regulation line
Landslide hazard overlay	~~Very high hazard~~ ~~High hazard~~ ~~Severe >25%~~ ~~Moderate 15-25%~~
Regional infrastructure corridors and substations overlay	Water supply pipeline buffer Water quality facility buffer
Waterway corridors and wetlands overlay	Waterway corridors and wetlands
Extractive resource	Extractive resource site and buffer

- (2) The planned density for future development is stated in Table SC3.1.3—Planned density and demand generation rate for a trunk infrastructure network in Schedule 3—Local government infrastructure plan mapping and tables.
- (3) A summary of the assumptions about future residential and non-residential development for the planning scheme area is stated in Table 4.2.34 – Residential dwellings and non-residential floor space assumptions summary.

Table 4.2.34—Residential dwellings and non-residential floor space assumptions summary

Column 1 Description	Column 2 Assumptions				
	Base date (2016)	2021	2026	2031	Ultimate development
Residential dwellings	53,838	58,192	63,272	71,879	76,883
Non-residential floor space (m2 GFA)	2,827,943	2,977,978	3,159,356	3,340,403	3,692,591

Column 1 Description	Column 2 Assumptions			
	Base date (2021)	2026	2031	Ultimate development
Residential dwellings	64,575	68,741	73,278	94,938
Non-residential floor space (m2 GFA)	2,832,052	2,985,019	3,212,372	3,612,548

- (4) Detailed assumptions about future development for each projection area and LGIP development type are identified in the following tables in Schedule 3 Local government infrastructure plan mapping and tables:
 - (a) for residential development, Table SC 3.1.4—Existing and projected residential dwellings;
 - (b) for non-residential development, Table SC 3.1.5—Existing and projected non-residential floor space.

4.2.3 Infrastructure demand

- (1) The demand generation rate for a trunk infrastructure network is stated in Column 4 of Table SC 3.1.3 in Schedule 3 Local government infrastructure plan mapping and tables.
- (2) A summary of the projected infrastructure demand for each service catchment is stated in:
 - (a) for the water supply network, Table SC 3.1.6—Existing and projected demand for the water supply network;
 - (b) for the sewerage network, Table SC 3.1.7—Existing and projected demand for the sewerage network;
 - (c) for the stormwater network, Table SC 3.1.8—Existing and projected demand for the stormwater network;
 - (d) for the transport network, Table SC 3.1.9—Existing and projected demand for the transport network;
 - (e) for the parks and land for community facilities network, Table SC 3.1.10—Existing and projected demand for the parks and land for community facilities network.

Part 3 – Amendment to Part 4.3 of the Local Government Infrastructure Plan

This amendment will update the year referred to for the Priority Infrastructure Area planning horizon.

The Local Government Infrastructure Plan Map LGIP-01 – Priority Infrastructure Area, which is referenced in this section, is also proposed to be amended.

Proposed amendment

4.3 Priority Infrastructure Area

- (1) The priority infrastructure area identifies the area prioritised for the provision of trunk infrastructure to service the existing and assumed future urban development up to **2027 2031**.
- (2) The priority infrastructure area is identified on Local Government Infrastructure Plan Map LGIP-01—Priority infrastructure area and projection areas map.

Part 4 – Amendment to Part 4.4 of the Local Government Infrastructure Plan

This amendment relates to the desired standards of service for the LGIP, and includes the following:

- Minor amendments to the transport network (roads and cycleways) desired standards of service to incorporate feedback received following consultation on the proposed LGIP amendment with the Department of Transport and Main Roads.
- Changes to the desired standards of service for the parks network, which align with the draft Civic and Open Space Infrastructure Manual to be included in the extrinsic material for the LGIP.

Proposed amendment

4.4 Desired standards of service

- (1) This section states the key standards of performance for a trunk infrastructure network.
- (2) Details of the standard of service for a trunk infrastructure network are identified in the extrinsic material.

4.4.1 Water supply network

- (1) The desired standard of service for the water supply network is to:
 - (a) ensure drinking water complies with the National Health and Medical Research Council Australian Drinking Water Guidelines 2004 drinking water guidelines for colour, turbidity and microbiology;
 - (b) convey potable water from the South East Queensland Water Grid supply points to premises in accordance with the *Water Act 2000* and *Water Supply (Safety and Reliability) Act 2008*;
 - (c) minimise non-revenue water loss;
 - (d) design the water supply network in accordance with:
 - (i) the South East Queensland Water Supply and Sewerage Design and Construction Code 2013;
 - (ii) the key standards stated in Table 4.4.1 – Key standards for water supply network.

Table 4.4.1 – Key standards for the water supply network

Column 1 Description of standard	Column 2 Standard
Average day demand	215 L/EP/day plus 15L/EP/day non-revenue water
Minimum service pressure – Operating conditions (PH)	22m at the property boundary
Maximum service pressure	55m at the property boundary
Fire flow (Urban)	Detached Res (<= 3 stories): 15Ls for 2hrs w background demand Multi storey Res (=> 4 levels): 30L/s for 4 hours w background demand Commercial/Industrial buildings: 30L/s for 4 hours w background demand Risk Hazard Buildings – assessed on needs basis
Fire flow (Rural and Small Communities)	Rural Residential only: 7.5L/s for 2 hours Rural Commercial: 15L/s for 2 hours

4.4.2 – Sewerage network

- (1) The desired standard of service for the sewerage network is to:
- (a) provide a reliable network that collects, stores, treats and releases sewage from premises;
 - (b) design the sewerage network in accordance with:
 - (i) the South East Queensland Water Supply and Sewerage Design and Construction Code 2013;
 - (ii) the key standards stated in Table 4.4.2 – Key standards for the sewerage network.

Table 4.4.2—Key standards for the sewerage network

Column 1 Description of Standard	Column 2 Standard
Average dry weather flow (ADWF)	210L/EP/day
Peak dry weather flow (PDWF)	$C2 \times \text{ADWF}$ where $C2 = 4.7 \times (\text{EP})^{-0.105}$
Peak wet weather flow (PWWF) for RIGS	5 x ADWF
Minimum velocity	0.75m/s
Maximum velocity	3m/s
Preferred velocity	1.0-1.5m/s

4.4.3 Stormwater network

- (1) The desired standard of service for the stormwater network is to:
- (a) collect and convey stormwater flows for both major flood events (100yr ARI) and minor flood events from existing and future land use in a manner that protects life and does not cause nuisance or inundation of habitable rooms;
 - (b) design the stormwater network to comply with Planning Scheme Policy 2 – Infrastructure Works;
 - (c) design stormwater quality treatment devices to comply with Planning Scheme Policy 2 – Infrastructure Works;
 - (d) design road crossing structures to provide an appropriate level of flood immunity in accordance with Planning Scheme Policy 2 – Infrastructure Works and any other applicable codes or standards in a local planning instrument;
 - (e) meet the water quality objectives for receiving waters at all times;
 - (f) maintain environmental flows post development.

4.4.4 Transport network

4.4.4.1 Roads

- (1) The desired standard of service for the trunk road network is to:

- (a) provide a functional urban and rural hierarchy of roads that supports settlement patterns, commercial and economic activities, and freight movement;
- (b) plan and design the network to ensure the operation of a trunk road or intersection is no worse than level of service C;
- (c) design the local road network to comply with Council's adopted standards identified in Planning Scheme Policy 2 – Infrastructure Works **and which integrate with public transport improvements**;
- (d) design road crossing structures to provide an appropriate level of flood immunity in accordance with Council's adopted standards identified in Planning Scheme Policy 2 – Infrastructure Works;
- (e) transport corridors are planned to provide for future capacity needs.

Editor's Note— Level of service C has been adopted as the minimum required level of service for major collector and arterial road infrastructure in urban conditions. Level of service C reflects volume to capacity ratio in the range of 0.55 to 0.70. This level of service has been used in the assessment of trunk road network deficiencies and the identification of required network improvements.

4.4.4.2 Cycleways

- (1) The desired standard of service for the cycleway network is to:
 - (a) provide a cycleway and shared path network that is safe, attractive and convenient, which links residential areas to major activity nodes, employment centres and public transport interchanges, thereby encouraging walking and cycling as **acceptable desirable and appealing** travel alternatives;
 - (b) design the cycleway network to comply with Council's adopted standards identified in Planning Scheme Policy 2 – Infrastructure Works;
 - (c) ensure a minimum width of:
 - (i) for the Moreton Bay Cycleway, 3 metres;
 - (ii) for on-road trunk cycle lanes, 1.5 metres;
 - (iii) for other **off-road** trunk cycleways or shared paths, 2.5 metres;
 - (d) provide lighting along paths to meet Council's adopted standards identified in Planning Scheme Policy 2 – Infrastructure Works to ensure visibility, safety and security;
 - (e) design concrete or sealed cycleways or shared paths to provide an appropriate level of flood immunity in accordance with Council's adopted standards identified in Planning Scheme Policy 2 – Infrastructure Works;
 - (f) ensure the grade on shared paths and exclusive cycleways are kept to a minimum but are not less than 0.4%. Grades greater than 8% are undesirable over an extended path length;
 - (g) ensure sealed shoulders intended for bicycle lanes are continuous through intersections.

4.4.4.3 Public transport (bus stops)

- (1) The desired standard of service for the public transport (bus stops) network is to:
 - (a) provide public transport (bus stops) infrastructure to support future mode share in accordance with the Planning Scheme Part 3 Strategic framework – Theme: liveable communities and housing, Part 9 Development codes – Transport, servicing, access and parking code, and Zone codes;
 - (b) provide bus stops including bus stations, bays, shelters, seating and transport information in accordance with the Department of Transport and Main Roads' Public Transport Infrastructure Manual 2016;
 - (c) provide a public transport stop within approximately 400m of each dwelling in an urban area;
 - (d) provide an electrical connection to all new bus stops;
 - (e) gutter mesh is required for all new bus stops;
 - (f) ensure public transport infrastructure complies with the Disability Standards for Accessible Public Transport 2002 (Transport Standards).

4.4.5 Public parks and land for community facilities network

- (1) The desired standard of service for public parks and land for community facilities network is to:
 - (a) provide a connected and accessible network of public parks, recreational facilities and community purpose land **that to meet the health and wellbeing needs of residents through the implementation of the Redland Open Space Strategy 2026 and Civic and Open Space Infrastructure Manual Version B 2023 or future versions of similarly purposed documents;**
 - (b) ensure the network of public parks provides a diversity of recreation and sporting opportunities and experiences in fit for purpose open space;**
 - ~~(b)~~ (c) design the public parks and land for community facilities network to comply with Council's adopted standards identified in Planning Scheme Policy 2 – Infrastructure Works:
 - ~~(c)~~ (d) new public parks **must be suitable for their intended function, type and hierarchy and** will not be acceptable if they:
 - (i) have an overland drainage function;
 - (ii) predominately lie below the defined flood event level;
 - (iii) are wholly below 2.4m AHD;
 - (iv) have road frontage of less than 50% of the perimeter;
 - (v) are contaminated land;
 - (vi) are adjacent or close to noxious or noisy activities;
 - (vii) **are less than 100m wide include land that is required for utility infrastructure or services (eg. stormwater treatment or detention**

basins, sewerage pump stations, electrical transformers/ substations and/or high voltage overhead power lines);

- (viii) have a gradient greater than 20% (recreation parks);
- (ix) comprise less than 60% flat to gentle slopes (sports parks);
- (x) are the common property ~~common property~~ for a community titles scheme under the *Body Corporate and Community Management Act 1997*; or
- (xi) are constrained by environmental protection through a planning instrument.

~~(d)~~ (e) Ensure public parks and land for community facilities meet the following standards minimum trunk public park land size and accessibility standards stated in Table 4.4.3—Minimum trunk public park land size and accessibility standards, Table 4.4.4—Land size and rate of provision for land for community facilities standards and (iii) land size and rate of provision for land for community facilities stated in Table 4.4.5—Land size and rate of provision for land for community facilities standards; Table 4.4.5—Land size and rate of provision for land for community facilities standards Rate of provision for trunk public parks;

~~(i) minimum public park land size and accessibility standards stated in Table 4.4.3—Minimum public park land size and accessibility standards;~~

(f) Ensure that trunk public parks accommodate the recreation activity requirements stated in Table 4.4.6—Recreation activities for trunk public parks and the embellishment standards for public parks identified in Table 4.4.7 – Embellishment standards for trunk public parks.

Table 4.4.3—Minimum trunk public park land size and accessibility standards

Column 1 Park type hierarchy	Column 2 Park classification	Column 3 Minimum width (S – Standalone, L – Linear, C – Circuit) Typology	Column 4 Minimum public park land size (ha)	Column 5 Accessibility standard (km)
Recreation park T1 – Destination	H	L,C – 10m S – 100m	5.0 – 20.0 ha	5.0 – 10.0 km
Recreation park T2 – Community	H, M	L,C – 10m S – 100m	2.0 – 10.0 ha	2.5 – 5.0 km
Recreation park T3 – Neighbourhood	H, M	L,C – 5m S – 100m	0.5 – 2.0 ha	0.5–0.8km 0.5 km (mainland parks) 0.8 km (island parks)
Recreation park T4 – Meeting place	M, E	L,C – 5m S - 100m	Location specific	0.5 km
Recreation park T5 – Civic	H	S - 100m	Location specific	0.5 km
Sport Park			5.0-20.0 ha	5.0-10.0 km

Regional sport park	N/A	Sport activity specific	5.0 – 30.0 ha	5.0 – 10.0 km
District sport park	N/A	Sport activity specific	2.0 – 20.0 ha	2.5 – 10.0 km
Local sport park	N/A	Sport activity specific	1 ha	2.5 – 5.0 km
Island sport park	N/A	Sport activity specific	Sport activity specific	2.5 – 5.0 km

(ii) rate of provision for public parks stated in Table 4.4.4 – Rate of provision for public parks;

Table 4.4.4 – Rate of provision for public parks Land size and rate of provision for land for community facilities standards

Column 1 Park type	Column 2 Rate of provision (ha per 1,000 persons)
Recreation park T1 – Destination	0.25
Recreation park T2 – Community	1.2
Recreation park T3 – Neighbourhood	1.2
Sport park	1.65

Column 1 Hierarchy	Column 2 Community facility	Column 3 Rate of provision (facility per persons)	Column 4 Land size (ha)
Local	Community meeting space	1:10,000	0.3
District	Multi-purpose community centre	1:30,000	1
	Branch library	1:35,000	0.5
	Arts and cultural space	1:50,000	0.5
Regional	Swimming pool	1:80,000	1

(iii) land size and rate of provision for land for community facilities stated in Table 4.4.5 – Land size and rate of provision for land for community facilities standards;

Table 4.4.5 – Land size and rate of provision for land for community facilities standards Rate of provision for trunk public parks

Column 1 Hierarchy	Column 2 Community facility	Column 3 Rate of provision (facility per persons)	Column 4 Land size (ha)
Local	Community meeting space	1:10,000	0.3
District	Multi-purpose community centre	1:30,000	1
	Branch library	1:35,000	0.5
	Arts and cultural space	1:50,000	0.5
Regional	Swimming pool	1:80,000	1

Column 1 Park hierarchy and sub-classification	Column 2 Rate of provision (ha per 1,000 persons)
Recreation park T1 – Destination (High)	0.25
Recreation park T2 – Community (High, Medium)	1.2

Recreation park T3 – Neighbourhood (High, Medium)	1.2
Sport park – Regional, District and Local	1.65
Island Sports Parks	N/A

(iv) embellishment standards for public parks and land for community facilities identified in Table 4.4.6—Embellishment standards for public parks and land for community facilities.

Table 4.4.6—Embellishment standards for public parks and land for community facilities
Recreation activities for trunk public parks

Column 1 Embellishment type	Column 2 Recreation park					Column 3 Sport park	Column 4 Land for community facilities
	T1	T2	T3	T4	T5		
Barbecues (electric)	✓	✓	-	✓	-	-	-
Bicycle racks	✓	✓	✓	✓	✓	✓	-
Bins	✓	✓	-	✓	✓	-	-
Bus parking and turnaround	✓	-	-	-	-	✓	-
Car parking	✓	✓	-	✓	-	✓	-
Community Garden	-	-	✓	-	-	-	-
Community sport infrastructure	-	✓	-	-	-	-	-
Cultural—historic	✓	✓	✓	✓	✓	-	-
Dog off-leash park	-	One in each catchment	✓	-	-	-	-
Fencing or bollards and lock rail	✓	✓	✓	✓	✓	✓	-
Festivals and events space	There will be at least one festival and event space in each service catchment			-	✓	-	-
Fields / Courts	-	-	-	-	-	✓	-
Fields / Courts lighting	-	-	-	-	-	✓	-
Footpaths (see also Paths)	✓	✓	✓	✓	✓	✓	-
Goal posts / Line marking	-	-	-	-	-	✓	-
Internal roads	✓	-	-	-	-	✓	-
Irrigation	✓	✓	-	-	-	✓	-
Kick-about space	✓	✓	✓	-	-	-	-
Landscaping	✓	✓	✓	-	✓	✓	-
Lighting	✓	✓	If required	-	✓	✓	-

Column 1 Embellishment type	Column 2 Recreation park					Column 3 Sport park	Column 4 Land for community facilities
	T1	T2	T3	T4	T5		
Natural heritage	Across all park types heritage trees or other important natural heritage items (fauna and flora) will be provided					-	-
Paths (see also Footpaths)	✓	✓	✓	✓	✓	✓	-
Physical Activity Stations—dynamic or static	-	✓	-	-	-	-	-
Playspace—primary school level	✓	-	-	-	✓	✓	-
Playspace—secondary school level	✓	✓	✓	-	✓	-	-
Playspace—toddler	✓	✓	✓	-	✓	-	-
Public toilet	✓	✓	-	-	✓	✓	-
Ramp park	-	✓	-	-	-	-	-
Seating and tables	✓	✓	✓	✓	✓	-	-
Shade	✓	✓	✓	✓	✓	-	-
Signage	✓	✓	✓	✓	✓	✓	-
Spectator seating	-	-	-	-	-	✓	-
Storage facilities	-	-	-	-	-	✓	-
Water connection	✓	✓	✓	✓	✓	✓	✓
Wedding space	-	A limited number of event spaces will be provided	-	-	-	-	-

Column 1 Activities	Column 2 Recreation Trunk Hierarchy					Column 3 Park sub-classifications		
	T1	T2	T3	T4	T5	H	M	E
Play experience	Yes	Yes (H,M)	Yes (H,M)	No	Yes	Embellishment Levels H = High M = Moderate E = Essential		
All-abilities play	Yes	Yes (H)	No	No	No			
Basic play	Yes	Yes	Yes (E)	No	No			
Events or festivals	Yes	Yes (H,M)	No	No	Yes			
Access to nature	Yes	Yes (H,M)	No	No	No			

Physical activity	Yes	Yes (H,M)	Yes (H)	No	No
Walking/cycling	Yes	Yes (H,M)	Yes (H,M,E)	Yes (M,E)	Yes
Ramp/Skate/BMX	Yes	Yes (H)	No	No	No
Ceremonial	Yes	Yes (H)	No	No	No
Picnic	Yes	Yes (H,M)	No	Yes (M)	No
Kick about	Yes	Yes (H,M)	Yes (H,M,E)	No	No
Temporary Commercial	Yes	Yes (H,M)	Yes (H)	No	Yes
Community gardens	No	No	Yes (H)	No	No
Dog off-leash	No	Yes (M)	No	No	No
Sport	No	No	No	No	No
Meeting	Yes	Yes (H,M)	Yes	Yes (M/E)	Yes
Acceptable number of activities	7-13	8-12 (H) 4-8 (M)	4-7 (H) 2-4 (M) 1-3 (E)	2-3 (M) 1-22 (E)	3-5

Table 4.4.7—Embellishment standards for trunk public parks

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification												
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park	
Water Point															
Water bubbler	Picnic, Meeting, Play space, Dog off- leash, Walking/Cycling, Physical activity	Standalone - 1 per 2500m2 Linear - 1 per 500m along paths	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No
Water bubbler (with bottle filler option)	Picnic, Meeting, Play space, Walking/Cycling, Physical activity	1 per 2500m2 and/or 1 per 500m along paths	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Maintenance water point	N/A	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Outdoor shower	Walking/Cycling Water based	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	No	No	Yes	No	No	No	No
Seating															
Table setting	Picnic, Meeting, Play Space, Dog off leash, Walking/Cycling	2 per 5000m2	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Bench seat or Bench seat with arm rest	Picnic, Meeting, Play Space, Dog off leash, Walking/Cycling	3 per 5000m2 and/or 1 per 500m along paths	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Platform seat	Picnic, Meeting, Play Space, Walking/Cycling	3 per 5000m2 and/or 1 per 500m along paths	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
Bespoke seat	Meeting, Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	No	Yes	No	No	No	No
BBQs														
Single BBQ unit	Picnic	1 to 6 per park (inclusive access)	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	Yes
Double BBQ unit	Picnic	1 to 3 per park (inclusive access)	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	Yes
Play experience														
Play equipment (high levels of visitation and City-wide access)	Play space and signature experience	T1 (H) - 15 to 20 play elements. Maximum height - 7m	Yes	No	No	No	No	No	No	No	No	No	No	No

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Play equipment (longer stay, and suburban or island catchment access)	Play space	T2 (H,M) - 10 to 15 play elements. Maximum height - 5m	No	Yes	Yes	No	No	No	No	No	No	No	No	No
Play equipment (short stay and local access)	Play space	T3H - 5 to 10 play elements. Maximum height - 3m	No	No	No	Yes	No	No	No	No	No	No	No	No
Play equipment (short stay and local access)	Play space	T3M - 1 to 5 play elements. Maximum height - 3m	No	No	No	No	Yes	No	No	Yes	Yes	Yes	No	Yes
All-abilities	Play space	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	Yes
Basic play	Play space	1-3 small play elements Maximum footprint of 40m2	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
Shade														
Shelter (I.E. Aluminium 4m x 4m)	Walking/Cycling Meeting	2 per dog off-leash area T3 (H,M) – 2 shelters	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Shelter (I.E. Aluminium 5m x 5m and/or larger formats subject to project requirements)	Picnic, Meeting, Dog off-leash, Walking/Cycling	1 per 5000m ²	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes
Shade sail (I.E. Steel posts with cloth roofing)	Play Space	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes
Tree	Picnic, Meeting, Play Space, Dog off-leash, Walking/Cycling	1 per 400m ² within open space 1 per 12m along paths 1 per 10m of road frontage within Village Centre/Streetscape areas and/or 1 per 4 car parking bays To provide 30% site coverage at maturity Tree species subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Signage														
Park name / identification	Walking/Cycling	1 per park (minimum) Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Interpretative	Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Regulatory	Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Site delineation & access														
Recycled plastic bollards	N/A	1 per 1500mm Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Timber bollards	N/A	1 per 1500mm Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Steel bollards	N/A	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes
Fold down bollard (for emergency /maintenance access)	N/A	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Landscape - Soft (I.E. groundcover and tree planting)	N/A	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Paths														
Standard - 1.5m wide (minimum)	Walking/Cycling	Subject to site requirements and Council Policy	No	No	No	No	Yes	No	No	No	No	No	Yes	No
Shared - min 2.0m wide	Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Shared pedestrian cycle - min 3m wide	Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes
Pedestrian bridges and platforms														

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Shared cycle/pedestrian bridges	Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Viewing platforms and/or vantage points	Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes
Bike storage														
Bike racks (up to 5 bikes per rack)	Cycling	1 - 3 per park	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Bike racks (more than 5 bikes per rack)	Cycling	1 per park	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes
Bike lockers	Cycling	1 per park	Yes	No	No	No	No	No	No	Yes	Yes	No	No	No
Kick about space														
Multi-purpose goal posts (I.E. single and/or double)	Kick about	Subject to site requirements and Council Policy	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Single compact goal	Kick about	Subject to site requirements and Council Policy	No	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Open Space (with no goals)	Kick about	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
Physical activity / exercise														
Single unit station	Physical activity	2 to 6 per park	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Multi-unit station	Physical activity	1 per park	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Multipurpose court (e.g. full/half court combination of basketball hoop, netball hoop, soccer goals, pickleball)	Physical activity	1 per park Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
cricket net (public)	Physical activity	Subject to site requirements and Council Policy	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
cricket pitch (concrete/ painted)	Physical activity	Subject to site requirements and Council Policy	No	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Rebound walls/ping pong table	Physical activity	Subject to site requirements and Council Policy	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Parkour	Physical activity	Subject to site requirements and Council Policy	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Dog off-leash area														
Double (small/large)	Dog off-leash	1 per park	No	No	Yes	No	No	No	No	No	No	No	No	No
Single	Dog off-leash	1 per park	No	No	Yes	No	No	No	No	No	No	No	No	No
Cultural and/or historic														
Public art	Public Art	Subject to site requirements and Council Policy	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	No	Yes
Sporting fields and courts														
Structured and formal sports and active recreation	Sport	Subject to sport code standards and site requirements	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Power points														
General Power Outlet (GPO)	Festivals/Events Temporary Commercial Use	1 per park (minimum)	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Three Phase Outlet	Festivals/Events Temporary Commercial Use	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Irrigation														
Multi-use open space areas	Sport	Subject to site requirements and Council Policy	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Landscape - Soft (I.E. groundcover and tree planting)	Sport	Subject to site requirements and Council Policy	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Sports fields	Sport	Subject to site requirements and Council Policy	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Lighting														
Sports fields	Sport	Subject to site requirements and Council Policy	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Outdoor courts	Sport	Subject to site requirements and Council Policy		No	No	No	No	No	No	No	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Parks	Picnic, Play Space, Dog off-leash, Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes
Streetscapes	Walking/Cycling, Meeting, Festivals/Events	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes
Buildings														
Public amenities - Single cubicle	Walking/Cycling	Subject to site requirements	No	No	Yes	No	No	No	No	Yes	No	No	No	No
Public amenities - Double cubicle	Picnic, Play Space, Dog off-leash, Walking/Cycling	Subject to site requirements 1 per park	No	Yes	Yes	No	No	No	No	Yes	No	No	No	No
Public amenities - Multiple cubicle	Picnic, Play Space, Dog off-leash, Walking/Cycling	Subject to site requirements 1 per park	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes
Public amenities - Multiple cubicle (with changing space)	Picnic, Play Space, Dog off-leash, Walking/Cycling	Subject to site requirements	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	Yes
CCTV														

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Surveillance	Community function	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes
Skate BMX and Cycling														
BMX tracks (small scale)	BMX	1 per park	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	No
Pump tracks	BMX	1 per park	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Skate Parks	Skate	1 per park	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Small learn to ride tracks	Cycling	1 per park	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
Car parking (On and Off street)														
Off street Parking	Recreation Festivals/Events	T1 (H) - 30 to 50 plus 2 bus spaces	Yes	Yes	Yes	No	No	No	No	Yes	N/A	N/A	N/A	N/A
On and off-street parking	Picnic, Play space, Walking/Cycling Festivals/Events	T2(H,M) - 10 to 30 spaces T5 – 10 within 50m of site	Yes	Yes	Yes	No	No	No	No	Yes	N/A	N/A	N/A	N/A

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Off street car parking	Sport	Aquatic/swimming – 15 per 100m2 gfa Tennis – 4 per court Other outdoor courts - 20 per court Football, Cricket & Hockey – 50 per field Lawn bowls – 30 per field	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Bus parking and turnarounds														
Bus	Multiple	1 per park	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	Yes
Mini-bus	Multiple	1 per park	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	Yes
Internal road														
Vehicle access	Festivals/Events	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	Yes
Landcaping - soft														
Bio-Swales & drainage elements	N/A	Subject to site requirements and Council Policy	No	No	No	No	No	No	No	No	No	No	No	No

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Planting (I.E. trees and groundcovers)	Play spaces	3-5% site coverage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Soft fall	Play spaces, Physical Activity	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
Landscaping - hard														
Porous/eco pavement	Walking/Cycling, Access to nature	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
Concrete pavement (e.g. temporary commercial use and small plaza)	Picnic, Meeting, Play spaces, Car parking, Walking/Cycling	Subject to site requirements and Council Policy	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes
Decomposed compacted granite	Walking/Cycling, Access to nature	Subject to site requirements and Council Policy	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Bins														
Bin - Parks and Streetscapes (General and recycle)	Picnic, Dog off-leash Picnic	Subject to site requirements and Council Policy	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
Dog bag dispenser	Walking/Cycling, Dog off-leash	T2(M) - Dog off leash area; or Linear and circuit parks that include a shared pathway (2.5m wide) and a minimum distance of 6km	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
Edging														
Turf edge	Play space	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
Concrete edge	Play space, Landscaping	Subject to site requirements and Council Policy	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes
Trail head facilities														
Major trail head (with staging areas for events)	Festivals/Events Access to nature Walking/Cycling Picnic facilities	1 per park Subject to site requirements and Council Policy	Yes	No	No	No	No	No	No	No	No	No	No	No

Column 1 Category	Column 2 Related Activity	Column 3 Rate of Provision	Column 4 Embellishments for each park hierarchy and sub-classification											
			T1	T2H	T2M	T3H	T3M	T4M	T4E	T5	Regional Sport Park	District Sport Park	Local Sport Park	Island Sport Park
		Car parking 30-60												
Secondary trail head	Access to nature Walking/Cycling	1 per park Subject to site requirements and Council Policy Car parking 10-15	No	No	No	No	Yes	No	No	No	No	No	No	No
Trail head access	Access to nature Walking/Cycling	1 per park Subject to site requirements and Council Policy	No	No	No	No	No	No	No	No	No	No	No	No

Part 5 – Amendment to Part 4.5 of the Local Government Infrastructure Plan

This amendment will update the planning horizon year referenced for the LGIP. The link to the schedule of works model prepared for this LGIP amendment is proposed to be updated. The Local Government Infrastructure Maps have also been amended however the description of these maps remains unchanged.

Proposed amendment

4.5 Plans for trunk infrastructure

- (1) The plans for trunk infrastructure identify the trunk infrastructure networks intended to service the existing and assumed future urban development at the desired standard of service up to **2027 2031**.

4.5.1 Plans for trunk infrastructure maps

- (1) The existing and future trunk infrastructure networks are shown on the following maps in **Schedule 2 – Mapping Schedule 3 – Local Government infrastructure plan mapping and tables**:
 - (a) Local Government Infrastructure Plan Map LGIP-02 Plan for trunk water supply infrastructure;
 - (b) Local Government Infrastructure Plan Map LGIP-03 Plan for trunk sewerage infrastructure;
 - (c) Local Government Infrastructure Plan Map LGIP-04 Plan for trunk stormwater infrastructure;
 - (d) Local Government Infrastructure Plan Map LGIP-05 Plan for trunk transport infrastructure;
 - (e) Local Government Infrastructure Plan Map LGIP-06 Plan for trunk parks and land for community facilities infrastructure.
- (2) The State infrastructure forming part of transport trunk infrastructure network has been identified using information provided by the relevant State infrastructure supplier.

4.5.2 Schedules of works

- (1) Details of the existing and future trunk infrastructure networks are identified in the electronic Excel schedule of works model which can be viewed here: **<https://www.redland.qld.gov.au/>**.
- (2) The future trunk infrastructure, **derived from the schedule of works model**, is identified in the following tables in section SC3.2 Schedules of works in Schedule 3—Local government infrastructure plan mapping and tables:
 - (a) for the water supply network, Table SC 3.2.1—Water supply network schedule of works;
 - (b) for the sewerage network, Table SC 3.2.2—Sewerage network schedule of works;
 - (c) for the stormwater network, Table SC 3.2.3—Stormwater network schedule of works;
 - (d) for the transport network, Table SC 3.2.4—Transport network schedule of works;
 - (e) for the parks and land for community facilities network, Table SC 3.2.5—Parks and land for community facilities network schedule of works.

Part 6 – Amendment to Editor’s note – Extrinsic material

This amendment will update the list of extrinsic material to refer to the reports enclosed in attachment x -x which informed the draft LGIP and Netserv amendment.

Proposed amendment

Editor's note – Extrinsic material

The below table identifies the documents that assist in the interpretation of the local government infrastructure plan and are extrinsic material under the *Statutory Instruments Act 1992*.

List of extrinsic material

Column 1 Title of document	Column 2 Date	Column 3 Author
Background report on the planning assumptions for the Redland City Council Local Government Infrastructure Plan	March 2017	Redland City Council
Population, Dwelling and Employment Forecasts Redland City Council	May 2016	Urbis
Redland City Land Supply Review	November 2012	Urbis
Redland Water: Water Supply Master Plan 2016	October 2016	Redland Water
Redland Water: Sewer Network Master Plan 2016	August 2016	Redland Water
Redland City Council Road Infrastructure Planning: Traffic Forecasts and Assessments 2014	October 2014	Veitch Lister Consulting
Redlands Transport Plan 2016: Cycling and Pedestrian Strategy Technical Report	May 2004	Redland City Council
Redland Open Space Strategy 2026	December 2012	Redland City Council
Community Facilities Infrastructure Report 2013	September 2013	Redland City Council
Redland Sport Land Demand Study 2016	August 2016	Redland City Council
Extrinsic Material Report: Stormwater Network 2017	February 2017	Redland City Council
Kinross Road Structure Plan: Stormwater Infrastructure Concept Plan	June 2011	ENGEMY Water Management
Lower Tingalpa Creek Stormwater Infrastructure Plan	May 2013	ENGEMY Water Management
Native Dog Creek and Torquay Creek – Southern Redland Bay Catchment (Part 22): Integrated Waterways Planning Report	May 2010	ENGEMY Water Management

Column 1 Title of document	Column 2 Date	Column 3 Author
SE Thornlands Structure Plan: Stormwater Infrastructure Concept Plan	October 2010	ENGENY Water Management
Stormwater Infrastructure Plan for Cleveland CBD Catchment	May 2013	ENGENY Water Management
Stormwater Quality Infrastructure Plan for Upper Eprapah Creek Catchment: Water Quality Analysis	May 2013	ENGENY Water Management
Weinam Creek Stormwater Quality Infrastructure Plan	May 2013	ENGENY Water Management
Redland City Council local infrastructure plan land value unit rates (letter)	4 November 2015	Harvey, Ehlers and Associates
Technical Note 1 – Trunk Infrastructure Costing Methodology Redland City Council Local Government Infrastructure Plan	12 April 2017	Redland City Council
Development Projections Modelling prepared for Redland City Council	January 2022	PIE Solutions
Redland City Council LGIP Extrinsic Material Report – Schedule of Works Model	April 2024	PIE Solutions
Redland City Council LGIP Extrinsic Material Report – Water Supply Network	April 2024	Redland City Council
Redland City Council LGIP Extrinsic Material Report – Sewerage Network	April 2024	Redland City Council
Redland City Council LGIP Extrinsic Material Report – Stormwater Network	April 2024	Redland City Council
Redland City Council LGIP Extrinsic Material Report – Transport Network	April 2024	Redland City Council
Redland City Council LGIP Extrinsic Material Report – Public Parks and Land for Community Facilities Network	April 2024	Redland City Council
Redland City Council Civic and Open Space Infrastructure Manual	December 2023	Redland City Council
LGIP Park Network Investigation	December 2023	Redland City Council
Redland City Local Government Infrastructure Plan – Road Network Review	August 2022	Redland City Council
Redland City Council Technical Note: LGIP Active Transport Network Project Review	September 2022	Redland City Council
Redland City Council Technical Note: LGIP Road Network Project Review	September 2022	Redland City Council
Redland City Council Infrastructure Funding and Delivery Policy	July 2024	Redland City Council

Part 7 – Amendment to Schedule 3 - Local Government infrastructure plan mapping and support material

It is proposed to update the title of Schedule 3 to better reflect the contents of this schedule and comply with the LGIP template. It is also proposed to delete the existing contents of SC3.1 and SC3.2 entirely and replace this content with the amended SC3.1 and SC3.2 below, which includes the updated planning assumption tables and schedules of works respectively.

The local government infrastructure plan maps plans referenced in SC3.3 are also proposed to be amended, however the plan referenced in this section will remain unchanged. Any links to the local government infrastructure plan maps in SC3.3 are proposed to be updated to provide access to the amended plans.

Proposed amendment to replace SC3.1 and SC3.2

Schedule 3 - Local government infrastructure plan mapping and support material tables

SC3.1 Planning assumption tables to be **deleted** and replaced with the below:

SC3.1 Planning assumption tables

Table SC 3.1.1—Existing and projected population					
Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population			
		2021	2026	2031	Ultimate development
Alexandra Hills	Detached dwelling	15,723	15,841	16,022	16,105
	Attached dwelling	937	1,049	1,049	2,091
	Total	16,660	16,889	17,071	18,196
Birkdale	Detached	13,686	13,807	14,062	15,508
	Attached dwelling	1,198	1,317	1,432	2,849
	Total	14,884	15,124	15,494	18,357
Capalaba	Detached dwelling	15,438	15,519	15,793	16,114
	Attached dwelling	2,723	3,367	4,053	9,803
	Total	18,161	18,886	19,845	25,917
Cleveland	Detached dwelling	11,092	11,227	11,495	11,737
	Attached dwelling	4,530	6,863	9,070	15,158
	Total	15,621	18,090	20,566	26,896

Table SC 3.1.1—Existing and projected population

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population			
		2021	2026	2031	Ultimate development
Ormiston	Detached dwelling	5,150	5,304	5,530	5,919
	Attached dwelling	1,222	1,291	1,398	1,623
	Total	6,372	6,595	6,928	7,542
Redland Bay	Detached dwelling	17,343	18,289	20,364	33,568
	Attached dwelling	739	1,000	1,185	2,798
	Total	18,082	19,289	21,549	36,366
Redland Islands	Detached dwelling	9,416	10,260	11,165	12,069
	Attached dwelling	697	700	700	1,092
	Total	10,113	10,960	11,865	13,161
Sheldon - Mount Cotton	Detached dwelling	8,336	8,358	8,458	8,482
	Attached dwelling	115	118	123	176
	Total	8,452	8,476	8,581	8,658
Thorneside	Detached dwelling	2,611	2,616	2,626	2,747
	Attached dwelling	1,088	1,087	1,087	1,723
	Total	3,699	3,702	3,713	4,470
Thornlands	Detached dwelling	17,791	17,903	18,174	18,339
	Attached dwelling	1,741	1,880	2,087	4,991

Table SC 3.1.1—Existing and projected population

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population			
		2021	2026	2031	Ultimate development
	Total	19,532	19,783	20,260	23,330
Victoria Point	Detached dwelling	12,716	13,084	13,909	16,231
	Attached dwelling	2,185	2,573	2,573	4,002
	Total	14,901	15,657	16,482	20,233
Wellington Point	Detached dwelling	10,943	11,281	11,555	12,276
	Attached dwelling	978	1,197	1,197	2,874
	Total	11,922	12,479	12,752	15,150
Inside priority infrastructure area (total)	Detached dwelling	135,719	138,046	141,453	149,181
	Attached dwelling	17,471	21,029	23,426	43,480
	Total	153,190	159,075	164,879	192,661
Outside priority infrastructure area (total)	Detached dwelling	4,525	5,444	7,700	19,916
	Attached dwelling	683	1,412	2,526	5,699
	Total	5,208	6,855	10,226	25,615
Redland City	Detached dwelling	140,244	143,490	149,153	169,096
	Attached dwelling	18,154	22,441	25,953	49,180
	Total	158,397	165,931	175,105	218,276

Table SC 3.1.2—Existing and projected employees

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected employees			
		2021	2026	2031	Ultimate development
Inside priority infrastructure area (total)	Retail	15,535	16,256	17,144	18,626
	Commercial	11,059	12,403	13,794	16,858
	Industrial	11,289	11,568	11,986	12,600
	Community Purposes	8,788	9,816	10,948	12,740
	Total	46,670	50,043	53,873	60,823
Outside priority infrastructure area (total)	Retail	789	955	928	889
	Commercial	151	147	224	344
	Industrial	1,005	1,257	1,491	1,953
	Community Purposes	3,294	3,640	3,875	4,289
	Total	5,240	5,999	6,517	7,476
Redland City	Retail	16,324	17,211	18,072	19,515
	Commercial	11,210	12,550	14,018	17,202
	Industrial	12,294	12,825	13,477	14,553
	Community Purposes	12,082	13,456	14,823	17,029
	Total	51,910	56,042	60,390	68,299

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1	Column 2	Column 3		Column 4				
Area classification	LGIP development types	Planned density ¹		Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Residential development								
Character residential zone	Detached dwelling	0	15	40.5	40.5	98.0	45.0	0.5
Emerging community zone	Detached dwelling, Attached dwelling	0	21	52.5	52.5	113.2	51.0	0.6
Low density residential zone	Detached dwelling	0	15	40.5	40.5	97.5	45.0	0.5
Precinct LDR1 Large lot residential	Detached dwelling	0	5	13.5	13.5	32.5	15.0	0.3
Precinct LDR2 Park residential	Detached dwelling	0	1.67	4.5	4.5	10.8	5.0	0.2
Precinct LDR3 Point Lookout residential	Detached dwelling	0	15	40.5	40.5	97.5	45.0	0.5

¹ The planned density and planned demand rates stated in Table SC 3.1.3 are subject to the maximum floor space and other restrictions on development under the Redland City Plan.

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development types	Column 3 Planned density ¹		Column 4 Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Precinct LDR4 Kinross Road	Detached dwelling	0	6.25	16.9	16.9	40.6	18.8	0.3
Low-medium density residential zone	Detached dwelling, Attached dwelling	0	21	48.3	48.3	113.2	51.0	0.6
Precinct LMDR1 SE Thornlands	Detached dwelling, Attached dwelling	0	21	48.3	48.3	113.2	51.0	0.6
Precinct LMDR2 Kinross Road	Detached dwelling, Attached dwelling	0	21	48.3	48.3	113.2	51.0	0.6
Medium density residential zone	Attached dwelling	0	44	74.8	74.8	176.0	74.8	0.8
Precinct MDR1 Park living, Capalaba	Attached dwelling	0	80	136.0	136.0	320.0	136.0	0.8

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development types	Column 3 Planned density ¹		Column 4 Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Precinct MDR2 Mount Cotton Road, Capalaba	Attached dwelling	0	60	102.0	102.0	240.0	102.0	0.8
Precinct MDR3 Shore Street East, Cleveland	Attached dwelling	0	80	136.0	136.0	320.0	136.0	0.8
Precinct MDR4 Cleveland	Attached dwelling	0	60	102.0	102.0	240.0	102.0	0.8
Precinct MDR5 Esplanade, Redland Bay	Attached dwelling	0	60	102.0	102.0	240.0	102.0	0.8
Precinct MDR6 SE Thornlands	Attached dwelling	0	44	74.8	74.8	176.0	74.8	0.8
Precinct MDR7 Erapah Creek, SE Thornlands	Attached dwelling	0	44	74.8	74.8	176.0	74.8	0.8

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development types	Column 3 Planned density ¹		Column 4 Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Precinct MDR8 Kinross and Boundary Roads	Attached dwelling	0	44	74.8	74.8	176.0	74.8	0.8
Precinct MDR9 Kinross Road	Attached dwelling	0	44	74.8	74.8	176.0	74.8	0.8
Tourist accommodation zone	Attached dwelling	0	44	74.8	74.8	176.0	74.8	0.8
Non-residential development and mixed development²								
Local centre zone	Commercial, Retail, Attached dwelling	0.45	6	45.9	62.0	2,112.0	10.2	1.0
District centre zone	Commercial, Retail, Attached dwelling	0.6	44	70.8	92.8	2,112.0	10.2	1.0

Note—1. Table SC 3.1.3 Mixed development is development that includes residential development and non-residential development.

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development types	Column 3 Planned density ¹		Column 4 Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Major centre zone (Victoria Point)	Commercial, Retail	1	0	105.2	142.5	3,610.0	0.0	1.0
Mixed use zone	Retail	0.5	0	59.0	80.0	2,000.0	0.0	0.9
Principal centre zone (Cleveland)	Commercial, Retail, Attached dwelling	2	124	151.6	196.2	4,649.6	21.1	1.0
Principal centre zone (Capalaba)	Commercial, Retail, Attached dwelling	2.5	124	184.2	240.2	5,799.6	21.1	1.0
Specialised centre zone (Redland Hospital)	Commercial, Retail, Community purpose (Hospital)	0.7	0	269.7	269.7	1,112.9	0.0	0.9
Low impact industry zone	Retail, Industrial (low impact)	0.6	0	21.9	22.5	720.0	0.0	0.9

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development types	Column 3 Planned density ¹		Column 4 Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Medium impact industry zone	Retail, Industrial (medium impact)	0.6	0	28.1	28.6	555.0	0.0	0.9
Waterfront and marine industry zone	Retail, Industrial	0.5	0	22.5	23.1	542.3	0.0	0.9
Precinct CF1 cemeteries and crematoria	Community purpose	0.1	0	6.0	6.0	100.0	0.0	0.1
Precinct CF2 community facilities	Community purpose	0.24	0	43.0	27.0	240.0	0.0	0.5
Precinct CF3 educational establishments	Community purpose (secondary school/college/primary school)	0.2	0	100.0	94.0	400.0	0.0	0.5
Precinct CF4 emergency services	Community purpose	0.2	0	36.0	23.0	200.0	0.0	0.9

Table SC 3.1.3—Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development types	Column 3 Planned density ¹		Column 4 Demand generation rate for a trunk infrastructure network ¹				
		Total non-residential plot ratio	Residential density (dwellings/net dev ha)	Water supply network (EP/net dev ha)	Sewerage network (EP / net dev ha)	Transport network (vpd / net dev ha)	Parks and land for community facilities network (EP/net dev ha)	Stormwater network (imp ha/net dev ha)
Precinct CF5 places of worship	Community purpose	0.24	0	43.0	27.0	240.0	0.0	0.5
Precinct CF6 infrastructure	(no density outcome nominated)							
Precinct CF7 future transport/green space/trail corridors	(no density outcome nominated)							
Precinct CF8 Commonwealth facilities	Community purpose	0.1	0	18.0	11.0	100.0	0.0	0.1
Precinct CF9 passenger ferry terminals	Community purpose	0.1	0	18.0	11.0	100.0	0.0	0.9

Table SC 3.1.4—Existing and projected residential dwellings

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings			
		2021	2026	2031	Ultimate development
Alexandra Hills	Detached dwelling	5,720	5,763	5,829	5,859
	Attached dwelling	597	668	668	1332
	Total	6,317	6,431	6,497	7,191
Birkdale	Detached dwelling	4,837	4,880	4,970	5,481
	Attached dwelling	779	856	931	1,852
	Total	5,616	5,736	5,901	7,333
Capalaba	Detached dwelling	5,478	5,507	5,604	5,718
	Attached dwelling	1,628	2,013	2,423	5,861
	Total	7,106	7,520	8,027	11,579
Cleveland	Detached dwelling	4,260	4,312	4,415	4,508
	Attached dwelling	2,939	4,453	5,885	9,835
	Total	7,199	8,765	10,300	14,343
Ormiston	Detached dwelling	1,841	1,896	1,977	2,116
	Attached dwelling	758	801	867	1007
	Total	2,599	2,697	2,844	3,123
Redland Bay	Detached dwelling	6,084	6,416	7,144	11,776
	Attached dwelling	445	602	713	1684

Table SC 3.1.4—Existing and projected residential dwellings

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings			
		2021	2026	2031	Ultimate development
	Total	6,529	7,018	7,857	13,460
Redland Islands	Detached dwelling	6,632	7,227	7,864	8,501
	Attached dwelling	725	728	728	1136
	Total	7,357	7,955	8,592	9,637
Sheldon - Mount Cotton	Detached dwelling	2,683	2,690	2,722	2,730
	Attached dwelling	42	43	45	64
	Total	2,725	2,733	2,767	2,794
Thorneside	Detached dwelling	992	994	998	1,044
	Attached dwelling	597	596	596	945
	Total	1,589	1,590	1,594	1,989
Thornlands	Detached dwelling	5,909	5,946	6,036	6,091
	Attached dwelling	875	945	1,049	2,509
	Total	6,784	6,891	7,085	8,600
Victoria Point	Detached dwelling	4,808	4,947	5,259	6,137
	Attached dwelling	1,503	1,770	1,770	2,753
	Total	6,311	6,717	7,029	8,890
Wellington Point	Detached dwelling	3,884	4,004	4,101	4,357

Table SC 3.1.4—Existing and projected residential dwellings

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings			
		2021	2026	2031	Ultimate development
	Attached dwelling	559	684	684	1642
	Total	4,443	4,688	4,785	5,999
Inside priority infrastructure area (total)	Detached dwelling	51,585	52,715	54,254	57,361
	Attached dwelling	11,013	13,257	14,740	26,991
	Total	62,598	65,972	68,994	84,352
Outside priority infrastructure area (total)	Detached dwelling	1,543	1,867	2,665	6,957
	Attached dwelling	434	902	1619	3,629
	Total	1,977	2,769	4,284	10,586
Redland City	Detached dwelling	53,128	54,582	56,919	64,318
	Attached dwelling	11,447	14,159	16,359	30,620
	Total	64,575	68,741	73,278	94,938

Table SC 3.1.5—Existing and projected non-residential floor space (m² GFA)

Inside priority infrastructure area (total)	Retail	743,265	769,965	836,262	947,373
	Commercial	224,502	258,002	293,016	369,817
	Industrial	565,216	591,167	649,552	739,492

Table SC 3.1.5—Existing and projected non-residential floor space (m² GFA)

	Community Purposes	878,574	914,301	962,214	1,038,747
	Total	2,411,558	2,533,435	2,741,044	3,095,429
Outside priority infrastructure area (total)	Retail	37,761	45,242	45,242	45,242
	Commercial	3,063	3,063	4,750	7,548
	Industrial	50,337	64,219	80,814	114,614
	Community Purposes	329,333	339,060	340,523	349,714
	Total	420,494	451,584	471,328	517,118
Redland City	Retail	781,026	815,207	881,504	992,615
	Commercial	227,565	261,065	297,765	377,365
	Industrial	615,553	655,386	730,366	854,106
	Community Purposes	1,207,908	1,253,361	1,302,737	1,388,461
	Total	2,832,052	2,985,019	3,212,372	3,612,547

Table SC 3.1.6—Existing and projected demand for the water supply network

Column 1 Service catchment ³	Column 2			
	Existing and projected demand (EP)			
	2021	2026	2031	Ultimate development
Inside PIA	176,038	183,847	192,287	236,030
Outside PIA	5,892	7,556	11,108	27,179

³ Table SC 3.1.6 Column 1 – The service catchments for the water supply network are identified on Local Government Infrastructure Plan Map LGIP-02 Plan for trunk water supply infrastructure in 0 SC3.3 Local government infrastructure plan maps. The water supply network service catchments are not the water service areas under the *Water Act 2000*.

Table SC 3.1.7—Existing and projected demand for the sewerage network

Column 1 Service catchment ⁴	Column 2 Existing and projected demand (EP)			
	2021	2026	2031	Ultimate development
Inside PIA	159,677	164,826	168,505	197,542
Outside PIA	949	3,672	7,892	20,701

³ Table SC 3.1.7 Column 1 – The service catchments for the sewerage network are identified on Local Government Infrastructure Plan Map LGIP-03 Plan for trunk sewerage infrastructure in 0 SC3.3 Local government infrastructure plan maps. The sewerage network service catchments are not the service areas under the *Water Act 2000*.

Table SC 3.1.8—Existing and projected demand for the stormwater network

Column 1 Service catchment ⁵	Column 2			
	Existing and projected demand (imp ha)			
	2021	2026	2031	Ultimate development
Cleveland CBD	132.88	143.23	151.04	156.00
Kinross Road Precinct	32.54	37.11	40.24	44.48
Lower Tingalpa Creek	36.66	38.69	40.69	45.00
Native Dog Creek	33.22	34.95	34.95	34.95
SE Thornlands Precinct	23.24	26.51	28.74	31.77
Torquay Creek	29.83	33.08	35.15	35.73
Upper Eprapah Creek	30.93	31.75	32.11	34.44
Weinam Creek	63.25	70.13	74.52	75.76
Redlands Balance	2,215.39	2,359.80	2,667.37	3,531.35

⁵ Table SC 3.1.8 Column 1 - The service catchments for the stormwater network are identified on Local Government Infrastructure Plan Map LGIP-04 Plan for trunk stormwater infrastructure in 0 SC3.3 Local government infrastructure plan maps.

Table SC 3.1.9—Existing and projected demand for the transport network

Column 1 Service catchment ⁶	Column 2 Existing and projected demand (vehicle trips per day)			
	2021	2026	2031	Ultimate development
Inside PIA	649,867	681,762	708,419	742,814
Outside PIA	34,406	40,338	48,407	62,673

⁶ Table SC 3.1.9 Column 1 - The service catchments for the transport network are identified on Local Government Infrastructure Plan Map LGIP-05 Plan for trunk transport infrastructure in 0 SC3.3 Local government infrastructure plan maps.

Table SC 3.1.10—Existing and projected demand for the parks and land for community facilities network

Column 1 Service catchment ⁷	Column 2 Existing and projected demand (Population)			
	2021	2026	2031	Ultimate development
Inside PIA	153,190	159,075	164,879	192,661
Outside PIA	5,208	6,855	10,226	25,615

⁷ Table SC 3.1.10 Column 1 - The service catchments for the parks and land for community facilities network are identified on Local Government Infrastructure Plan Map LGIP-06 Plan for trunk parks and land for community facilities infrastructure in 0 SC3.3 Local government infrastructure plan maps.

SC3.2 Schedule of works tables to be **deleted** and **replaced** with the below:

SC3.2 Schedules of works

Table SC 3.2.1—Water supply network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost⁸
PIP_IC10	560m of DN200 Water Supply Main located along Victoria Parade, Coochiemudlo Island	2031	\$405,086
PIP_IC8	208m of DN200 Water Supply Main located along Master Avenue, Victoria Point	2031	\$94,856
PIP_IC9_Opt2	677m of DN250 Water Supply Main along Colburn Avenue, Victoria Point	2031	\$466,873
2016PIP_AUG1	80m of DN300 Water Supply Main along Double Jump Road	2031	\$40,178
Pipe_114	270m of DN300 Water Supply Main along Double Jump Road	2031	\$172,366
Pipe_115	290m of DN300 Water Supply Main along Double Jump Road	2031	\$186,758
Pipe_116	180m of DN300 Water Supply Main along Double Jump Road	2031	\$112,889
Total			\$1,479,005

Note—⁸ Table SC 3.2.1 Column 4 – The establishment cost is expressed in current cost terms as at the base date.

Table SC 3.2.2—Sewerage network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost⁹
FGM_CLEV_05	378m of DN225 Sewer Gravity Main located along Middle Street, Cleveland	2026	\$354,417
FGM_CLEV_03	438m of DN225 Gravity Main located along Shore Street East, Cleveland	2026	\$376,437
FGM_CLEV_08	284m of DN450 Gravity Main located along Waterloo Street, Cleveland	2031	\$381,841
FGM_VP_01	278m of DN215 Gravity Main located between Church Street and Pelican Street, Victoria Point	2026	\$231,987
FGM_THO_02	710m of DN525 Gravity Main between Ivy Street and Henry Street, Thorneside	2024	\$1,069,472
AUG_Pump_004	Pump station upgrade for SPS004 to increase pump capacity	2031	\$1,397,704
AUG_Pump_004	528m of DN200 Rising Main located between Shore Street West and Ross Creek, Cleveland	2031	\$488,042
AUG_Pump_002	Pump station upgrade for SPS002 to increase pump capacity	2031	\$1,605,172
AUG_Pump_002	340m of DN150 Rising Main located along Middle Street, Cleveland	2031	\$274,790
AUG_Pump_090	Pump station upgrade for SPS 090 to increase pump capacity	2026	\$872,565
AUG_Pump_090	800m of DN150 Rising Main located along Banana Street and Peel Street, Weinam Creek	2026	\$591,798
AUG_Pump_095	Pump station upgrade for SPS 095 to increase pump capacity	2026	\$378,979
AUG_Pump_095	261m of DN100 Rising Main located between Anita Street and Pinelands Circuit, Redland Bay	2026	\$166,357
AUG_PS023_LL	Pump station upgrade for SPS 023 to increase pump capacity	2024	\$378,979

Table SC 3.2.2—Sewerage network schedule of works

Note – Table SC3.2.2 Column 4 – The establishment cost is expressed in current cost terms as at the base date.

Table SC 3.2.2—Sewerage network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost⁹
AUG_Pump_012	Pump station upgrade for SPS 012 to increase pump capacity	2024	\$641,397
AUG_Pump_100	Pump station upgrade for SPS 100 to increase pump capacity	2024	\$1,285,888
AUG_Pump_147	Pump station upgrade for SPS 147 to increase pump capacity	2024	\$1,476,758
AUG_Pump_061	Pump station upgrade for SPS 061 to increase pump capacity	2024	\$2,009,001
AUG_Pump_138	Pump station upgrade for SPS138 to increase pump capacity	2024	\$378,979
AUG_Pump_152	Pump station upgrade for SPS 152 to increase pump capacity	2024	\$378,979
AUG_Pump_154	Pump station upgrade for SPS154 to increase pump capacity	2024	\$2,809,575
AUG_Pump_054	Pump station upgrade for SPS054 to increase pump capacity	2031	\$948,440
AUG_Pump_069	Additional pump capacity for increase in connected lots	2026	\$68,096
AUG_Pump_071	Additional pump capacity for increase in connected lots and to align with new rising main	2026	\$5,965,251
AUG_Pump_070	Additional pump capacity for increase in connected lots	2026	\$68,096
AUG_Pump_072	Additional pump capacity for increase in connected lots	2026	\$68,096
S1	Construction of pump station to service growth in the SWVP catchment	2024	\$636,191
S2	Construction of internal rising main to service growth in SWVP catchment. Approximately 412m of DN 125	2024	\$176,370
S6	Construction of external rising main to service growth in SWVP catchment. Approximately 279m of DN 125	2024	\$296,049
S5	Decommission Sewage Pump Station 118	2024	\$44,263

Table SC 3.2.2—Sewerage network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost⁹
S8	940m of DN300 and DN 375 Gravity Main between Carnoustie Court to Sewage Pump Station 118 to Saint Andrews Court	2024	\$3,672,486
S9	1100m of DN225 Gravity Main between Double Jump Road and Prescoter Drive	2024 - 2025	\$1,942,325
S10	Construction of external rising main to service growth in SWVP catchment. Approximately 550m of DN 125	2024	\$201,566
Cleveland WWTP upgrade - 001	Upgrade of treatment capacity to service growth and maintain compliance outcomes	2028	\$4,473,870
Thorneside WWTP upgrade - 001	Upgrade of treatment capacity to service growth and maintain compliance outcomes	2025 - 2027	\$117,339,130
Victoria Point WWTP upgrade - 001	Upgrade of treatment capacity to service growth and maintain compliance outcomes	2024 - 2026	\$89,030,241
Cleveland catchment transfers - 001	Construction of transfer pumps, pipes and effluent main to service growth and maintain compliance outcomes.	2024 - 2026	\$60,817,780
Capalaba catchment transfer -001	Construction of transfer pumps, pipes and effluent main to service growth and maintain compliance outcomes	2027 - 2028	\$90,626,368
Victoria Point WWTP release upgrade - 001	Upgrade of treatment capacity to service growth and maintain compliance outcomes	2024 - 2027	\$18,134,684
Total		\$412,058,417	

Table SC 3.2.3—Stormwater network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹⁰
SW-A-262	Bio-retention Weinam Creek	2026 - 2028	\$2,173,583
SW-A-199	Wetland System Upper Eprapah Creek Wetland	2030 - 2032	\$3,990,691
SW-A-258	Bio-retention Weinam Creek	2028 - 2030	\$766,867
SW-A-269	Bio-retention C Weinam Creek	2030 - 2032	\$159,454
SW-A-249	Wetland Lower Tingalpa Creek	2030 - 2032	\$1,395,650
SW-A-250	Sediment Basin Lower Tingalpa Creek	2032 - 2034	\$450,743
SW-A-Rachow	Rachow Street Overland Flow Channel (Wetland and Trunk Stormwater Works)	2024 - 2028	\$1,282,977
SW-L-17	South East Thornlands Drainage System 1 (pipes, pits & headwall)(Pipe, Wetland and Trunk Stormwater Works)	2024 - 2028	\$2,035,837
SW-A-275	Wetland C (including inlet pond) Upper Eprapah Creek	2024 - 2028	\$4,015,953
SW-P-16	South East Thornlands Scour SE Thornlands Precinct (Wetland and Trunk Stormwater Works)	2024 - 2028	\$53,546
Total			\$16,325,301

Note—¹⁰

Table SC 3.2.3—Stormwater network schedule of works

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-P-20	Intersection - Heinemann Road (Sub Arterial Road): Intersection upgrade at Double Jump Road	2026 - 2031	\$944,795
TR-L-78	Trunk Road - New Major Collector - South East Thornlands: 2 lane collector Boundary Rd to Cleveland-Redland Bay	2026 - 2031	\$3,163,155
TR-L-79	Trunk Road - Double Jump Rd: Realignment Heinemann to Kingfisher	2026 - 2031	\$4,322,439
TR-L-80	Trunk Road - New Major Collector Stub: 2 lane undivided trunk collector off Panorama Drive	2024 - 2026	\$2,095,225
TR-L-83	Trunk Road - German Church Road: Seal widening from Cleveland-Redland Bay Road to Heinemann Road	2026 - 2031	\$8,092,686
TR-L-87	Trunk Road - Wellington Street: Upgrade to 2 lanes plus breakdowns from South Street to Panorama Drive	2024 - 2026	\$44,456,501
TR-L-91	Trunk Road - German Church Rd: Seal widening Cleveland Redland Bay to Gordon Rd and realignment School of Arts Rd	2031 - 2036	\$9,195,344
TR-L-92	Trunk Road - School of Arts Road: Seal widening and channelisation from German Church Road to Collins Street	2031 - 2036	\$5,961,038
TR-L-93	Trunk Road - Serpentine Creek Road: seal widening and channelisation from Collins St to Cleveland Redland Bay Rd	2026 - 2031	\$11,090,520
TR-L-94	Trunk Road - Sturgeon Street road corridor preservation from Northern Arterial Road to Starkey Street	2031 - 2036	\$638,126
TR-L-97	Trunk Road - Kingfisher Road: Seal widening and intersection upgrade from Erapah Creek to Realignment	2031 - 2036	\$12,475,164

Note—¹¹

Table SC 3.2.4—Transport network schedule of works

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-98	Trunk Road - Hamilton Street: Seal widening and channelisation from Pitt Street to Peel Street	2031 - 2036	\$3,069,652
TR-L-99	Trunk Road - Springacre Road: Seal widening and intersection upgrade from Erapah Creek to Erapah Road	2031 - 2036	\$1,081,235
TR-L-100	Trunk Road - Kinross Road: Divided major collector w/ breakdowns from Boundary Rd to 3rd new roundabout	2024 - 2026	\$19,881,545
TR-L-102	Trunk Road - Pitt Street: Seal widening and channelisation from Weinam Street to Hamilton Street	2031 - 2036	\$2,820,238
TR-L-103	Trunk Road - Dinwoodie Road: Upgrade to 2 lane major collector Cleveland-Redland Bay Road to Boundary Rd	2031 - 2036	\$21,279,398
TR-L-104	Trunk Road - Wellington Street: upgrade 2 to 4 lanes from Enterprise Street to Russell Street	2031-2036	\$91,155,998
TR-L-105	Trunk Road - Panorama Drive (Arterial Road): Upgrade from 2 to 4 lanes from Boundary Road to Wellington Rd	2024 - 2026	\$68,565,739
TR-L-106	Trunk Road - Bunker Road (Sub Arterial Road): Seal widening from Brookvale Drive to Realignment	2031 - 2036	\$29,592,269
TR-L-108	Trunk Road - Double Jump Road: Seal widening from Cleveland-Redland Bay Road to Heinemann Road	2026 - 2031	\$75,119,526
TR-L-109	Trunk Road - Gordon Road: Intersection upgrades from Cleveland Redland Bay Road to Government Road	2031 - 2036	\$12,382,383
TR-L-111	Trunk Road - Beveridge Rd: Upgrade collector Redland Bay Rd to Rachow St	2026 - 2031	\$3,709,566
TR-L-112	Trunk Road - Meissner Street: Seal widening and intersection upgrade at Weinam Street Government Road	2031 - 2036	\$2,605,633

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-115	Trunk Road - Double Jump Rd: Realignment Heinemann to Kingfisher, new intersection Heinemann, roundabout Bunker	2025 - 2030	\$12,154,686
TR-L-NEW-2	Trunk Road - Rickertt Road – Tingalpa Creek Bridge to West of Thorneside Road – Duplications to 4 lanes	2031 - 2036	\$14,556,855
TR-L-122	Cycle Path - New 2.5m Off-Road Cycle Path Bryce Place to Macfarlan Street	2029 - 2034	\$249,209
TR-L-124	Cycle Path - New 2.5m Off-Road Cycle Path Burbank Road, Birkdale	2024 - 2029	\$212,981
TR-L-125	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Burbank Road, Birkdale	2024 - 2029	\$63,340
TR-L-126	Cycle Path - New 2.5m Off-Road Cycle Path Barron Rd, Birkdale	2024 - 2029	\$391,964
TR-L-127	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Old Cleveland Road East, Birkdale	2024 - 2029	\$1,090,573
TR-L-129	Cycle Path - New 2.5m Off-Road Cycle Path Tom Place - Baily Rd, Birkdale	2024 - 2029	\$310,623
TR-L-131	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Creek Road, Birkdale	2029 - 2034	\$721,555
TR-L-138	Cycle Path - New 2.5m Off-Road Cycle Path William Street, Birkdale	2024 - 2029	\$416,827
TR-L-140	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Collingwood/Pitt Road, Birkdale	2024 - 2029	\$306,043
TR-L-141	Cycle Path - New 2.5m Off-Road Cycle Path Pitt Road, Birkdale	2024 - 2029	\$138,743
TR-L-142	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Marlborough Road, Wellington Point	2024 - 2029	\$323,914
TR-L-145	Cycle Path - New 2.5m Off-Road Cycle Path Riverton Drive, Wellington Point	2024 - 2029	\$333,518
TR-L-146	Cycle Path - New 2.5m Off-Road Cycle Path Old Cleveland Road East, Wellington Point	2024 - 2029	\$390,109
TR-L-147	Cycle Path - New 2.5m Off-Road Cycle Path Old Cleveland Road East, Wellington Point	2024 - 2029	\$591,293

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-156	Cycle Path - New 2.5m Off-Road Cycle Path Walton Way/Alan Day Drive, Wellington Point	2024 - 2029	\$484,170
TR-L-159	Cycle Path - New 2.5m Off-Road Cycle Path Esplanade, Wellington Point	2024 - 2029	\$217,519
TR-L-162	Cycle Path - New 2.5m Off-Road Cycle Path Apsley Street, Wellington Point	2024 - 2029	\$171,696
TR-L-163	Cycle Path - New 2.5m Off-Road Cycle Path Duke Street, Wellington Point	2024 - 2029	\$118,605
TR-L-166	Cycle Path - New 2.5m Off-Road Cycle Path Fernbourne Road, Wellington Point	2024 - 2029	\$172,313
TR-L-167	Cycle Path - New 2.5m Off-Road Cycle Path Armagh Street, Ormiston	2029 - 2034	\$150,394
TR-L-168	Cycle Path - New 2.5m Off-Road Cycle Path Mccarthy Street, Wellington Point	2029 - 2034	\$227,633
TR-L-169	Cycle Path - New 2.5m Off-Road Cycle Path Wellington Street, Wellington Point	2029 - 2034	\$801,880
TR-L-170	Cycle Path - New 2.5m Off-Road Cycle Path Wellington Street, Wellington Point	2029 - 2034	\$370,950
TR-L-171	Cycle Path - New 2.5m Off-Road Cycle Path Wellington Street, Wellington Point	2029 - 2034	\$379,595
TR-L-172	Cycle Path - New 2.5m Off-Road Cycle Path Beckwith Street, Ormiston	2029 - 2034	\$322,440
TR-L-175	Cycle Path - New 2.5m Off-Road Cycle Path Horatio Street, Ormiston	2029 - 2034	\$218,686
TR-L-180	Cycle Path - New 2.5m Off-Road Cycle Path Bainbridge Street, Ormiston	2029 - 2034	\$449,795
TR-L-181	Cycle Path - New 2.5m Off-Road Cycle Path Winship Street, Ormiston	2029 - 2034	\$196,564
TR-L-182	Cycle Path - New 2.5m Off-Road Cycle Path Russell Street, Cleveland	2029 - 2034	\$376,678
TR-L-184	Cycle Path - New 2.5m Off-Road Cycle Path Clarke Street, Cleveland	2029 - 2034	\$280,771

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-185	Cycle Path - New 2.5m Off-Road Cycle Path Dundas Street, Cleveland	2024 - 2029	\$219,940
TR-L-186	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Sturgeon Street, Ormiston	2024 - 2029	\$749,283
TR-L-189	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Conochie Place to Beckwith, Ormiston	2024 - 2029	\$130,160
TR-L-191	Cycle Path - New 2.5m Off-Road Cycle Path Mcmillan Road, Alexandra Hills	2024 - 2029	\$822,044
TR-L-193	Cycle Path - New 2.5m Off-Road Cycle Path McDonald Road, Alexandra Hills	2024 - 2029	\$457,060
TR-L-194	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Flinders Street, Alexandra Hills	2024 - 2029	\$915,899
TR-L-205	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Middle St to Toondah	2029 - 2034	\$407,785
TR-L-210	Cycle Path - New 2.5m Off-Road Cycle Path Shore st E (Wharf to cross)	2029 - 2034	\$427,929
TR-L-213	Cycle Path - New 2.5m Off-Road Cycle Path Fitzroy Street, Cleveland	2029 - 2034	\$168,442
TR-L-214	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Fitzroy Street, Cleveland	2029 - 2034	\$971,300
TR-L-215	Cycle Path - New 2.5m Off-Road Cycle Path Henry Ziegenfusz Park	2029 - 2034	\$316,440
TR-L-216	Cycle Path - New 2.5m Off-Road Cycle Path Beach Street, Cleveland	2029 - 2034	\$1,075,909
TR-L-219	Cycle Path - New 2.5m Off-Road Cycle Path South Street, Thornlands	2029 - 2034	\$238,677
TR-L-221	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Smith Street, Cleveland	2029 - 2034	\$342,775
TR-L-225	Cycle Path - New 2.5m Off-Road Cycle Path Moreton Road North, Thornlands	2029 - 2034	\$287,323
TR-L-226	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Moreton Road North, Thornlands	2029 - 2034	\$87,510
TR-L-227	Cycle Path - New 2.5m Off-Road Cycle Path Vintage Drive to Reisling, Thornlands	2029 - 2034	\$266,600

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-243	Cycle Path - New 3m Off-Road Cycle Path Oak Street, Ormiston	2029 - 2034	\$497,350
TR-L-244	Cycle Path - Upgrade 3m Off-Road Cycle Path Wellington Street, Ormiston	2029 - 2034	\$47,560
TR-L-247	Cycle Path - New 3m Off-Road Cycle Path Beckwith Street to Empire, Ormiston	2029 - 2034	\$499,500
TR-L-255	Cycle Path - New 2.5m Off-Road Cycle Path Runnymede Road, Capalaba	2024 - 2029	\$141,738
TR-L-257	Cycle Path - New 2.5m Off-Road Cycle Path Korawal Street, Capalaba	2024 - 2029	\$740,421
TR-L-263	Cycle Path - New 2.5m Off-Road Cycle Path Pittwin Road North, Capalaba	2024 - 2029	\$259,509
TR-L-266	Cycle Path - New 2.5m Off-Road Cycle Path Anderson Street, Capalaba	2024 - 2029	\$294,896
TR-L-270	Cycle Path - New 2.5m Off-Road Cycle Path Valley Way, Mount Cotton	2024 - 2029	\$643,023
TR-L-274	Cycle Path - New 2.5m Off-Road Cycle Path Bangalow Street, Victoria Point	2029 - 2034	\$309,801
TR-L-275	Cycle Path - New 2.5m Off-Road Cycle Path Point O'Halloran Road, Victoria Point	2024 - 2029	\$677,533
TR-L-276	Cycle Path - New 2.5m Off-Road Cycle Path Point O'Halloran Road, Victoria Point	2024 - 2029	\$677,441
TR-L-278	Cycle Path - New 2.5m Off-Road Cycle Path Orana Esplanade, Victoria Point	2024 - 2029	\$197,573
TR-L-279	Cycle Path - New 2.5m Off-Road Cycle Path Orana Esplanade, Victoria Point	2024 - 2029	\$331,151
TR-L-280	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Thompson Street, Victoria Point	2024 - 2029	\$330,608
TR-L-285	Cycle Path - New 2.5m Off-Road Cycle Path German Church Road, Redland Bay	2029 - 2034	\$602,617
TR-L-287	Cycle Path - New 2.5m Off-Road Cycle Path School Of Arts Road, Redland Bay	2029 - 2034	\$562,185
TR-L-291	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Boundary Street, Redland Bay	2024 - 2029	\$92,149

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-292	Cycle Path - New 2.5m Off-Road Cycle Path Boundary Street, Redland Bay	2024 - 2029	\$210,172
TR-L-293	Cycle Path - New 2.5m Off-Road Cycle Path Boundary Street, Redland Bay	2024 - 2029	\$63,920
TR-L-294	Cycle Path - New 2.5m Off-Road Cycle Path Broadwater Terrace, Redland Bay	2024 - 2029	\$180,071
TR-L-295	Cycle Path - New 2.5m Off-Road Cycle Path Broadwater Terrace, Redland Bay	2024 - 2029	\$156,301
TR-L-296	Cycle Path - New 2.5m Off-Road Cycle Path Broadwater Terrace, Redland Bay	2024 - 2029	\$461,992
TR-L-300	Cycle Path - New 2.5m Off-Road Cycle Path Pitt Street, Redland Bay	2024 - 2029	\$958,237
TR-L-304	Cycle Path - New 2.5m Off-Road Cycle Path Salisbury Street, Redland Bay	2024 - 2029	\$135,132
TR-L-306	Cycle Path - New 2.5m Off-Road Cycle Path Government/miessner Rd, Redland Bay	2024 - 2029	\$421,885
TR-L-307	Cycle Path - New 2.5m Off-Road Cycle Path Meissner Street, Redland Bay	2024 - 2029	\$240,200
TR-L-308	Cycle Path - New 2.5m Off-Road Cycle Path Banana Street, Redland Bay	2024 - 2029	\$201,312
TR-L-309	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Banana Street, Redland Bay	2024 - 2029	\$186,204
TR-L-310	Cycle Path - New 2.5m Off-Road Cycle Path Weinam Street, Redland Bay	2024 - 2029	\$141,379
TR-L-311	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Esplanade, Redland Bay	2024 - 2029	\$493,575
TR-L-312	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Parklink Drive, Redland Bay	2024 - 2029	\$144,482
TR-L-314	Cycle Path - Upgrade 2.5m Off-Road Cycle Path SOAR foreshore link north	2024 - 2029	\$321,695
TR-L-315	Cycle Path - Upgrade 2.5m Off-Road Cycle Path The Boulevard, Redland Bay	2024 - 2029	\$259,332
TR-L-318	Cycle Path - New 2.5m Off-Road Cycle Path Meissner Street, Redland Bay	2024 - 2029	\$91,030

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-330	Cycle Path - New 2.5m Off-Road Cycle Path Torquay Road, Redland Bay	2029 - 2034	\$435,386
TR-L-333	Cycle Path - New 2.5m Off-Road Cycle Path Phillip Street, Redland Bay	2029 - 2034	\$308,773
TR-L-336	Cycle Path - New 2.5m Off-Road Cycle Path Serpentine Creek Rd, Redland Bay	2029 - 2034	\$387,977
TR-L-337	Cycle Path - New 2.5m Off-Road Cycle Path Shanahan Street, Redland Bay	2029 - 2034	\$291,123
TR-L-338	Cycle Path - New 2.5m Off-Road Cycle Path Shanahan Street, Redland Bay	2029 - 2034	\$162,018
TR-L-339	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Serpentine Creek Rd, Redland Bay	2029 - 2034	\$184,641
TR-L-345	Cycle Path - New 2.5m Off-Road Cycle Path Mooroondu Road, Thorneside	2029 - 2034	\$473,494
TR-L-349	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Bluebell Street, Alexandra Hills	2024 - 2029	\$65,302
TR-L-354	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Paige Court, Wellington Point	2024 - 2029	\$62,787
TR-L-357	Cycle Path - New 2.5m Off-Road Cycle Path Valley Road, Wellington Point	2024 - 2029	\$128,348
TR-L-359	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Russell Street, Cleveland	2029 - 2034	\$181,850
TR-L-361	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Passage Street, Cleveland	2029 - 2034	\$48,194
TR-L-362	Cycle Path - New 2.5m Off-Road Cycle Path Fitzroy Street, Cleveland	2029 - 2034	\$149,382
TR-L-363	Cycle Path - Upgrade 2.5m Off-Road Cycle Path Fitzroy Street, Cleveland	2029 - 2034	\$35,353
TR-L-365	Cycle Path - Upgrade 3m Off-Road Cycle Path Nora Street, Thorneside	2029 - 2034	\$434,116
TR-L-366	Cycle Path - New 3m Off-Road Cycle Path Queens Esplanade, Thorneside	2029 - 2034	\$165,402
TR-L-367	Cycle Path - Upgrade 3m Off-Road Cycle Path Dorsal Drive, Birkdale	2029 - 2034	\$601,606

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost ¹¹
TR-L-368	Cycle Path - New 3m Off-Road Cycle Path Dorsal Drive, Birkdale	2029 - 2034	\$896,365
TR-L-369	Cycle Path - New 3m Off-Road Cycle Path Beachcrest Road, Wellington Point	2029 - 2034	\$703,329
TR-L-370	Cycle Path - LGIP TR-L-370 Cycle path, Main Rd - 315 Main Rd to Main Rd Wellington Point	2024 - 2029	\$371,753
TR-L-374	Cycle Path - Upgrade 3m Off-Road Cycle Path Gordon Street, Ormiston	2029 - 2034	\$381,983
TR-L-375	Cycle Path - New 3m Off-Road Cycle Path Raby Esplanade, Ormiston	2029 - 2034	\$335,055
TR-L-376	Cycle Path - Upgrade 3m Off-Road Cycle Path Neilson Road, Ormiston	2029 - 2034	\$1,481,035
TR-L-384	Cycle Path - Upgrade 3m Off-Road Cycle Path Orana Esplanade, Victoria Point	2029 - 2034	\$467,410
TR-L-386	Cycle Path - Upgrade 3m Off-Road Cycle Path Rosebud Esplanade, Victoria Point	2029 - 2034	\$162,860
TR-L-388	Cycle Path - New 3m Off-Road Cycle Path Masters to Pelican, Victoria Point	2024 - 2029	\$805,454
TR-L-392	Cycle Path - New 3m Off-Road Cycle Path Benfer Road, Victoria Point	2024 - 2029	\$618,653
TR-L-394	Cycle Path - New 3m Off-Road Cycle Path North Street, Redland Bay	2024 - 2029	\$579,748
TR-L-395	Cycle Path - New 3m Off-Road Cycle Path Junee to toquay	2029 - 2034	\$746,191
TR-L-396	Cycle Path - New 3m Off-Road Cycle Path Serpentine Creek Rd to Shoreline	2029 - 2034	\$682,680
TR-L-398	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Mary Pleasant Drive, Birkdale	2029 - 2034	\$561,755
TR-L-400	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Crown Road, Birkdale	2024 - 2029	\$343,424
TR-L-405	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Bainbridge Street, Ormiston	2029 - 2034	\$38,768

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-407	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Delancey Street, Ormiston	2029 - 2034	\$59,564
TR-L-408	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Gordon Street, Ormiston	2029 - 2034	\$128,111
TR-L-409	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Raby Esplanade, Ormiston	2029 - 2034	\$87,270
TR-L-412	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Masthead Drive, Cleveland	2029 - 2034	\$179,411
TR-L-413	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Sentinel Court, Cleveland	2029 - 2034	\$76,892
TR-L-414	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane shore street north, Cleveland	2029 - 2034	\$311,833
TR-L-416	Cycle Lane - Upgrade 2m On-Road Cycle Lane Queen Street, Cleveland	2024 - 2029	\$189,231
TR-L-417	Cycle Lane - Upgrade 2m On-Road Cycle Lane Island Street, Cleveland	2024 - 2029	\$163,997
TR-L-418	Cycle Lane - Upgrade 2m On-Road Cycle Lane Coburg Street East, Cleveland	2024 - 2029	\$134,818
TR-L-428	Cycle Lane - Upgrade 2m On-Road Cycle Lane Orana Esplanade, Victoria Point	2024 - 2029	\$48,267
TR-L-434	Cycle Lane - Upgrade 2m On-Road Cycle Lane Anita Street, Redland Bay	2024 - 2029	\$73,563
TR-L-435	Cycle Lane - Upgrade 2m On-Road Cycle Lane Main Street, Redland Bay	2024 - 2029	\$130,879
TR-L-436	Cycle Lane - Upgrade 2m On-Road Cycle Lane Broadwater Terrace, Redland Bay	2024 - 2029	\$72,677
TR-L-437	Cycle Lane - Upgrade 2m On-Road Cycle Lane Pitt Street, Redland Bay	2024 - 2029	\$128,508
TR-L-438	Cycle Lane - Upgrade 2m On-Road Cycle Lane School Of Arts Road, Redland Bay	2024 - 2029	\$156,454
TR-L-439	Cycle Lane - Upgrade 2m On-Road Cycle Lane Torquay Road, Redland Bay	2024 - 2029	\$73,946
TR-L-441	Cycle Path - New 2.5m Off-Road Cycle Path Outridge Street, Redland Bay	2029 - 2034	\$23,444

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-443	Cycle Path - New 2.5m Off-Road Cycle Path Highgrove Street, Thornlands	2029 - 2034	\$803,993
TR-L-449	Cycle Lane - Upgrade 2m On-Road Cycle Lane Tolson Terrace, Ormiston	2029 - 2034	\$25,822
TR-L-452	Cycle Lane - Upgrade 2m On-Road Cycle Lane Jerry Place, Thornlands	2029 - 2034	\$34,645
TR-L-454	Cycle Path - New 2.5m Cycle Boardwalk Manning Esplanade, Thornlands	2029 - 2034	\$2,714
TR-L-458	Cycle Lane - Upgrade 2m On-Road Cycle Lane Nelson Road, Wellington Point	2024 - 2029	\$75,449
TR-L-461	Cycle Lane - Upgrade 2m On-Road Cycle Lane Delancey Street, Ormiston	2029 - 2034	\$168,789
TR-L-462	Cycle Lane - Upgrade 2m On-Road Cycle Lane Delancey Street, Cleveland	2024 - 2029	\$36,602
TR-L-464	Cycle Lane - Upgrade 2m On-Road Cycle Lane Korawal Street, Capalaba	2024 - 2029	\$95,003
TR-L-470	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Avalon Road, Sheldon	2029 - 2034	\$345,576
TR-L-471	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane West Mt Cotton Road	2029 - 2034	\$911,187
TR-L-472	Cycle Lane - Upgrade 1.5m On-Road Cycle Lane Schoeck Rd	2029 - 2034	\$250,523
TR-L-473	Cycle Lane - New 1.5m On-Road Cycle Lane Schoeck Rd (unfinished road)	2029 - 2034	\$64,451
TR-L-NEW1	Cycle Path - Upgrade 3m Off-Road Cycle Path Mary Pleasant Drive	2025 - 2030	\$1,484,799
TR-L-NEW2	Cycle Path - Upgrade 3m Off-Road Cycle Path Northern Greenway Stage 1 (Pitt- Starkey)	2024 - 2025	\$2,676,631
TR-L-NEW3	Cycle Path - Upgrade 3m Off-Road Cycle Path Northern Greenway Stage 2 (Birkdale- Pitt)	2024 - 2026	\$3,685,882
TR-L-NEW4	Cycle Path - Upgrade 3m Off-Road Cycle Path Northern Greenway Stage 3 (Starkey- Sturgeon)	2025 - 2027	\$2,073,675

Table SC 3.2.4—Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
TR-L-NEW5	Cycle Path - Upgrade 3m Off-Road Cycle Path Northern Greenway Stage 4 (Sturgeon-Shore Street West)	2026 - 2028	\$5,006,774
TR-L-NEW6	Cycle Path - Upgrade 3m Off-Road Cycle Path Northern Greenway Stage 5 (Tingalpa Creek-Birkdale)	2029 - 2031	\$3,268,287
Total			\$526,689,036

Table SC 3.2.5—Parks and land for community facilities schedule of works

Column 1 Map reference	Column 2 Trunk Infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹²
5237	Henry Ziegenfusz Park Upgrade	2028 - 2032	\$2,211,394
5425	Bedarra Street Park Upgrade	2028 - 2032	\$102,260
C4N0	New Sport Park City Redland Bay	2024 - 2027	\$40,221,945
5432	Charlie Buckler Sportsfield Upgrade	2024 - 2027	\$1,262,901
5627	William Taylor Memorial Sportsfield Upgrade	2024 - 2027	\$2,211,394
5672	Orana Esplanade Foreshore Park Upgrade	2024 - 2027	\$246,710
NEW-1	New Rec Park T3 at Lind Street, Thornlands	2028 - 2032	\$1,090,869
C4N29-3	New Rec Park T3 at Kinross Road	2028 - 2032	\$1,090,869
5780	George Thorn Drive Foreshore Upgrade	2024 - 2027	\$340,869
5690	Schmidt Street Road Reserve Upgrade	2024 - 2027	\$340,869
C6N54-5	New Rec Park T3 at Golden Sands Foreshore Park	2024 - 2027	\$340,869
5586	Manning Esplanade Foreshore Upgrade	2024 - 2027	\$246,710
NEW-3	John Edward Downie Sportsfield Upgrade	2024 - 2027	\$1,105,697
NEW-4	New Sports Park at Heinemann Road, Mount Cotton	2024 - 2027	\$2,000,000
5303	Wellington Street Park Upgrade	2028 - 2032	\$524,220
5915	Norm Price Park Upgrade	2028 - 2032	\$2,211,394

Note—¹² Table SC 3.2.5 Column 4 – The establishment cost is expressed in current cost terms as at the base date.

Table SC 3.2.5—Parks and land for community facilities schedule of works

Column 1	Column 2	Column 3	Column 4
Map reference	Trunk Infrastructure	Estimated timing	Establishment cost¹²
5705	WH Yeo Park Upgrade	2024 - 2022	\$549,310
5704	Victoria Point Recreation Reserve Upgrade	2028 - 2032	\$4,618,976
5367	Mount Cotton Community Park Upgrade	2024 - 2027	\$1,223,561
NEW-6	Land adjoining John Frederick Park	2024 - 2027	\$1,170,000
5159	John Frederick Park Upgrade	2028 - 2032	\$1,791,229
5089	Judy Holt Recreation Reserve Upgrade	2028 - 2032	\$2,211,394
5772	Macleay Island Community Park Upgrade	2028 - 2032	\$1,299,795
5049	Windemere Road Park Upgrade	2028 - 2032	\$2,363,263
5028	Keith Surridge Sportsfields Upgrade	2024 - 2027	\$2,211,394
5421	Point Lookout Oval Upgrade	2024 - 2027	\$772,814
5125	William Taylor Memorial Park Upgrade	2024 - 2027	\$390,090
5334	Ron Stark Oval Upgrade	2028 - 2032	\$2,211,394
5350-16	Pioneer Park (Lamb) Upgrade	2028 - 2032	\$2,211,394
5350-21	Pioneer Park (Lamb) Upgrade	2026 - 2026	\$0
5508	Jock Kennedy Park Upgrade	2024 - 2027	\$303,591
5644	Cascades Gardens Upgrade	2024 - 2027	\$663,418
5053	Amity Point Recreation Reserve Upgrade	2024 - 2027	\$2,211,394
5913	Russell Island Sport & Recreation Park Upgrade	2028 - 2032	\$2,211,394
5610	Jack And Edna Finney Reserve Upgrade	2028 - 2032	\$524,220
5578	Pinklands Sporting Complex Upgrade	2024 - 2027	\$1,282,609
C4N29	New Rec Park T2 at Kinross Road - Kinross Community *	2028 - 2032	\$5,363,263
5945	Thornlands Community Park Upgrade	2028 - 2032	\$199,025
5764	Wellington Point Recreation Reserve Upgrade	2028 - 2032	\$4,618,976
5655	Ern And Alma Dowling Sportsfield Upgrade	2028 - 2032	\$2,211,394
5443	Fielding Park Upgrade	2023 - 2027	\$524,220
5958	Harrogate Park Upgrade	2023 - 2027	\$279,579
5044	Snowdon Street Park Upgrade	2028 - 2032	\$246,710
5090	Lachlan Street Park Upgrade	2024 - 2027	\$246,710

Table SC 3.2.5—Parks and land for community facilities schedule of works

Column 1 Map reference	Column 2 Trunk Infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹²
5722	EGW Wood Sportsfield Upgrade	2028 - 2032	\$2,764,243
5150	Redland Baseball Upgrade	2028 - 2032	\$2,211,394
5400	Redland Softball Upgrade	2028 - 2032	\$2,211,394
5731	Liner Street Park Upgrade	2024 - 2027	\$102,260
LFCF-1	Wellington Point - Basic site preparation and connection to services to provide LOCAL COMMUNITY CENTRE EXTENSION	2024 - 2026	\$231,374
LFCF-2	Capalaba - Basic site preparation and connection to services to provide DISTRICT COMMUNITY HUB, ARTS CENTRE AND LIBRARY	2026 - 2031	\$473,400
LFCF-3	Cleveland - Land acquisition, basic site preparation and connection to services to provide DISTRICT COMMUNITY CENTRE EXTENSION	2024 - 2026	\$1,546,014
LFCF-4	Victoria Point - Land acquisition, basic site preparation and connection to services to provide DISTRICT COMMUNITY HUB AND LIBRARY	2026 - 2031	\$1,394,660
LFCF-5	Redland Bay - Land acquisition, basic site preparation and connection to services to provide DISTRICT COMMUNITY HUB, ARTS CENTRE AND LIBRARY	2026 - 2031	\$2,416,783
LFCF-6	Redland Bay - Land acquisition, basic site preparation and connection to services to provide REGIONAL AQUATIC CENTRE	2026 - 2031	\$1,193,598
LFCF-7	SMBI (Macleay Is) - Basic site preparation and connection to services to provide LOCAL COMMUNITY CENTRE EXTENSION	2024 - 2026	\$323,923
LFCF-8	SMBI (Russell Is) - Land acquisition, basic site preparation and connection to services to provide LOCAL COMMUNITY CENTRE EXTENSION	2024 - 2026	\$471,557
Total			\$114,800,689

SC3.3 Local government infrastructure plan maps

Local Government Infrastructure Plan Map LGIP-01 Priority infrastructure area and projection areas map

Local Government Infrastructure Plan Map LGIP-02 Plan for trunk water supply infrastructure

Local Government Infrastructure Plan Map LGIP-03 Plan for trunk sewerage infrastructure

Local Government Infrastructure Plan Map LGIP-04 Plan for trunk stormwater infrastructure

Local Government Infrastructure Plan Map LGIP-05 Plan for trunk transport infrastructure

Local Government Infrastructure Plan Map LGIP-06 Plan for trunk parks and land for community facilities infrastructure

Links to the above plans to be updated to the amended local government infrastructure plan maps.

