

City Centre Transit System

Rockingham



ABOUT ROCKINGHAM

Background

Originally established as a farming community in 1830, Rockingham later developed as a port for the export of timber.

Due to booming activity in the port, the settlement continued to expand during the late 1800's, however, towards the end of the decade, port activity started to decline due to a glut in the timber market, the opening of the inner harbour in Fremantle and improved inland rail links.

To alleviate high unemployment in the area, a Group Settlement Scheme was implemented and the area was once again re-established as a farming community. To reflect the original immigrant heritage, names of Group Settlers can still be found on many streets in Rockingham.

With improved transportation and road networks, Rockingham became a popular tourist destination as a seaside resort and this popularity continues today.

The Kwinana Industrial Area was also established during the 1950's and the population of Rockingham increased to meet the demand for a workforce to service the various resource industries.

In 1972, works commenced to construct the Garden Island Naval Base. The Base was formally commissioned in 1978 and is now home to a large naval and submarine fleet. At about the same time, Rockingham was declared as the Primary Centre in the South West Corridor of Metropolitan Perth; a status it maintains to this day.

With a current population of approximately 145,000, and a forecast population of approximately 193,000 by 2036, the City of Rockingham continues to grow and develop into a vibrant and modern, distinctly coastal location.





The Vision

The City Centre vision is for a modern, coastal centre offering a wide range of mixed uses including retail, commercial, office, civic, residential, education and recreation within an accessible and highly inter-connected, urban-scaled townscape, comprising a major activity centre and related urban villages based on 'main street' principles.

Since 1995, planning and development in the Rockingham Strategic Metropolitan Centre has been based on the long term planning and transport framework endorsed by the Western Australian Planning Commission in 2009.

The planning framework for the Centre is based on a transit oriented development strategy. The strategy is defined and characterised by a number of key guiding principles including a street-based transit system with closely placed stops.

The transit system underpins the broader integrated planning framework required to support the growth and development of the Rockingham Strategic Metropolitan Centre.

ROCKINGHAM CITY CENTRE TRANSIT SYSTEM

The Rockingham Centre Plan supports the Rockingham City Centre Transit System (RCCTS) as a fixed route transit streetcar system designed to provide for a well-connected link between three major activity nodes starting at the Rockingham Train Station and taking in the Rockingham City Centre, Smart Village Sector and the Rockingham Foreshore. The transit route is also located within a 400m walkable catchment of the Campus Sector which includes the Rockingham Murdoch University Campus and the South Metropolitan TAFE.

The route of the RCCTS is currently serviced by a rapid transit bus service, generally on a shared road reserve, which operates between the Rockingham Station and Rockingham Foreshore. The service has been operational since 2007.

Highlights



Average Annual Gross Regional Product Growth 2008-2018

5.2%
Rockingham (C)

4.2%
Greater Perth



PROJECT AIMS

The role of the RCCTS is to provide for a high level of public transport service within the Rockingham Strategic Metropolitan Centre.

The implementation of the RCCTS aims to improve the place making attributes of activity nodes between the Rockingham City Centre and Foreshore, unlock potential for TOD development at station stops, support the growth of existing and new business opportunities and increase public transport access from the Rockingham Train Station.

Highlights



Population Growth
2011 - 2016

17.9%
Rockingham (C)

10.1%
Greater Perth



Number of Local
Businesses (2017)

5,547



New businesses per
annum 2017 - 2017

152



Waterfront Village

Mixed Use
Lifestyle Destination



Smart Village

Knowledge and
Technology Hub



City Centre

Rockingham
Shopping Centre
and Retail Precinct





DEVELOPMENT HISTORY

The RCCTS was originally proposed two decades ago, with initial discussions occurring in 2001, resulting in the establishment of a State Government led taskforce to investigate the potential routes and technology types to further develop the project.

In 2004, the State Government confirmed its commitment to the route of the RCCTS and since then, the City of Rockingham has undertaken extensive consultation with government agencies in relation to progressing and implementing parts of the project.

With the RCCTS being implemented into the approved Rockingham Strategic Metropolitan Centre Plan, and the first stage of modifications to existing road networks being completed in 2007, the next step for the City is to gain an understanding of the economic stimulus that such a project would have on the community, and to secure investment commitments.

2001 2004

The State Government and the City of Rockingham committed to establish a Taskforce to consider the RCCTS

The State Government confirmed its commitment to the project and initiated actions to secure an MRS amendment



..... 2007

State Government funded construction segments of dedicated transit corridor - Stage 1 of road modifications completed

..... 2009

Rockingham Strategic Metropolitan Centre Plan published incorporating RCCTS

..... 2015

State Government (Landcorp) funded additional road modifications to support a transit corridor capable of supporting light rail

Next Steps

Seek government commitment and funding to be used towards:

- **Route definition**
- **Demand modelling**
- **Develop IA Business case**

BENEFITS

From an economic development perspective for the City of Rockingham, the implementation of a fixed route transit system is seen as a proven transportation infrastructure investment conducive to urban regeneration and as a catalyst to drive long term sustainable economic and employment growth for the region.

With three Sectors, each offering their own unique development opportunities, and with a dedicated transit corridor already in place, there is potential for the City of Rockingham to capitalise on public infrastructure investment on development ready vacant sites with an upgrade to a fixed route transit system.

Legend:

-  Safety benefits
-  Health benefits
-  Development benefits






18-58%
reduction in total
vehicle usage


**Modifications
Complete**
for the road network, reducing
total costs of rail installation


6x
safer than
cars


38%
fewer transport
deaths in cities
with light rail


3 Precincts
offering unique development
opportunities


45%
price premiums for
apartments

DEVELOPMENT OPPORTUNITIES

The implementation of the RCCTS is expected to result in the development of a number of Key Sectors including:-



City Centre

Rockingham Shopping Centre and Retail Precinct



Waterfront Village

Mixed Use Lifestyle Destination



Smart Village

Knowledge and Technology Hub

The planning framework for these key strategic areas, and the wider Activity Centre, provides for future sustainable population and employment growth and self-sufficiency. With a diversity of appropriate land uses and economic activities, these locations are conducive to attracting a mix of public, private and tourism related investment opportunities.

KEY



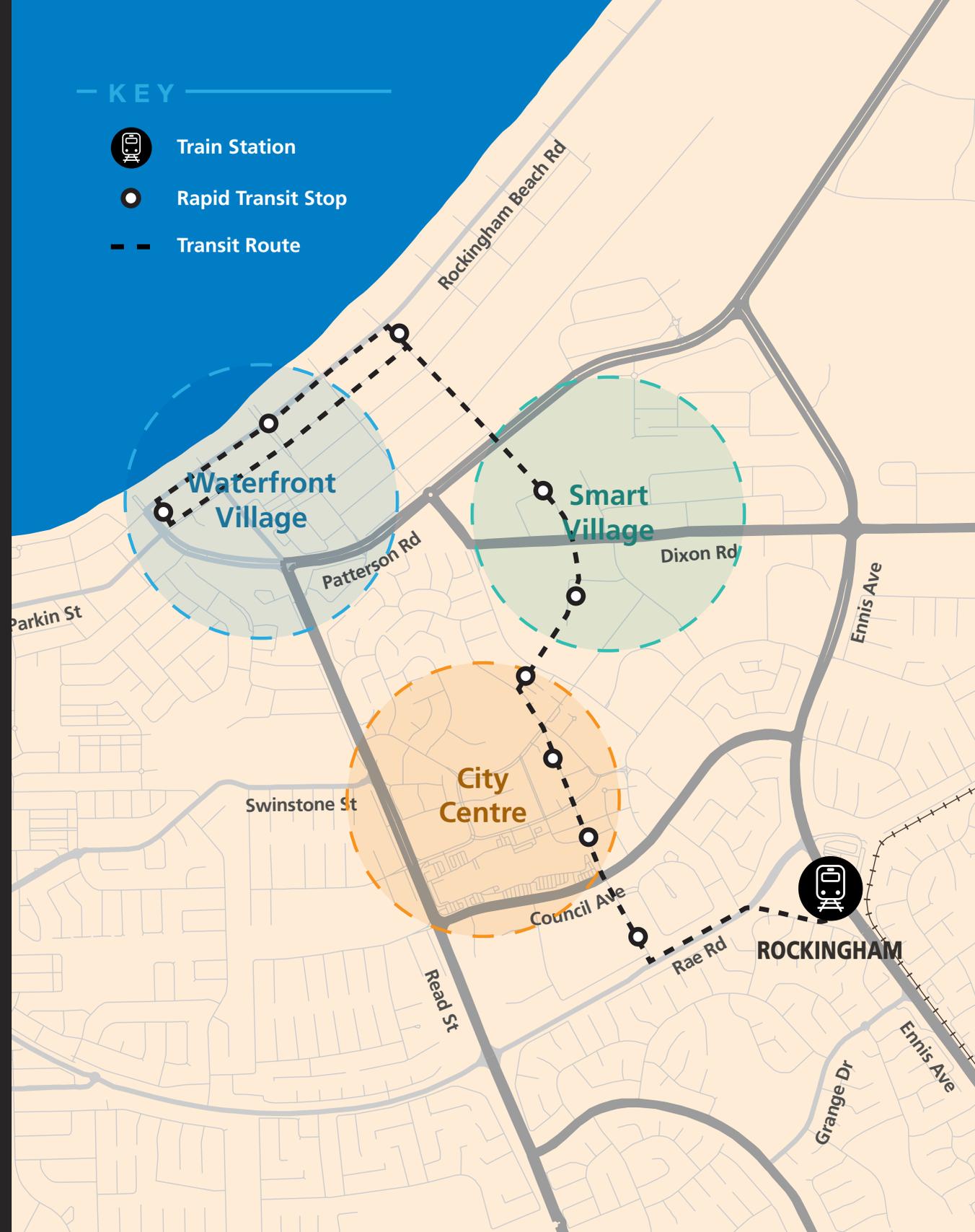
Train Station



Rapid Transit Stop



Transit Route



DEVELOPMENT

YIELDS



4,800

Dwellings



8,640

Residents



5,788

Ongoing Workers



CITY CENTRE OPPORTUNITIES

With a key focus on retail, employment and entertainment, the City Centre provides for an intensified corridor of appropriate TOD uses lining the Transit Route including mixed use development, restaurants, small bars and cafes, medium to high residential and serviced apartments.

The Rockingham shopping centre and Syren Street retail and entertainment precinct are major attractors within the sector. With a number of suitably zoned vacant Lots within the City Centre capable of supporting a variety of uses, the City Centre offers a number of commercial and entertainment economic development opportunities.

- 1 Civic and Office
- 2 Shopping Centre
- 3 Food and Entertainment



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DEVELOPMENT

YIELDS



8,520

Dwellings



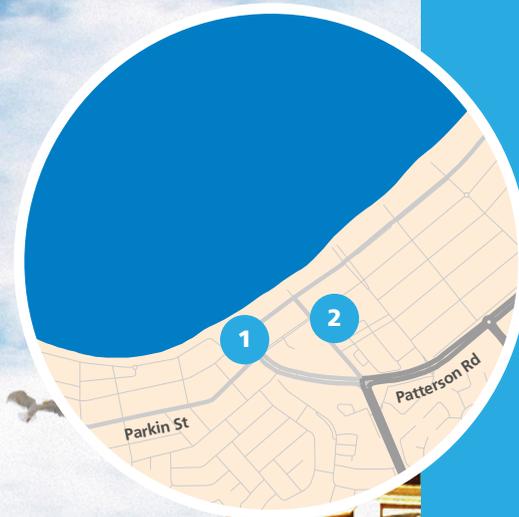
15,340

Residents



1,000

Ongoing Workers



WATERFRONT OPPORTUNITIES

The Waterfront Village is a key entertainment and tourist precinct which will continue with its transformation into a regionally significant location. The Waterfront Village Policy has provision for a major hotel, a mix of medium to high density residential, short stay apartments, offices and commercial, hospitality focussed retail including restaurants, small bars, cafes, and urban waterfront recreation uses, all located within a walkable catchment of the transit route.

The area has already seen a substantial amount of mixed-use developments and the implementation of a rapid transit system will contribute to the Sector reaching its full development potential.

- 1** Railway Terrace
- 2** Substantial Mixed-Use Development Opportunities



DEVELOPMENT

YIELDS



3,660

Dwellings



6,590

Residents



1,940

Ongoing Workers



SMART VILLAGE OPPORTUNITIES

Development of the Smart Village represents the greatest opportunity for growth and includes a 'main street' and linear central park surrounding the transit route around which appropriate higher density TOD is envisaged.

Preferred uses in the Smart Village are also capable of supporting the growth of the Rockingham Technopole, which is predicted to become the knowledge and technology hub of the south-west by leveraging existing education institutions and providing commercial opportunities for high tech manufacturing in association with defence industries.

- 1** Murdoch University
- 2** Substantial Mixed-Use Development Opportunities
- 3** Kolbe College
- 4** South Metro Tafe



IMPLEMENTATION

With its established place in the tourism and hospitality market, affordable housing choices, and diverse employment opportunities, the implementation of the RCCTS is consistent with the long term strategic goals and vision for the Rockingham Strategic Metropolitan Centre. The RCCTS will further support the forecast population growth by providing the economic and employment stimulus to sustain and secure its future in the South West region through:



8,700

Ongoing Jobs



20,000

Construction Jobs



\$9.5B

Economic Uplift





- 1 Step One**
Prepare Preliminary Business Case
- 2 Step Two**
Finalise Business Case
- 3 Step Three**
Secure Development Partners and Funding
- 4 Step Four**
Construction Phase
- 5 Step Five**
Commence RCCTS Operations



The City of Rockingham is committed to attracting business and investment.

To explore these opportunities with our staff or for more information on how we can assist you, please contact us.



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