



# **Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan**

**Expert Witness Statement**

**August 11<sup>th</sup>, 2017**

**Prepared by Robert Panozzo  
Director, ASR Research Pty Ltd  
On behalf of Sunbury Realty Pty Ltd**

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## EXPERT WITNESS DETAILS

This section outlines relevant information about Robert Panozzo, Principal Consultant with Australian Social & Recreation research Pty Ltd (“ASR” or “ASR Research”), who prepared the following expert witness report.

### Personal Details

Name: Robert Panozzo

Address: Suite 7 / 321 Chapel Street, Prahran 3181

### Education Qualifications

2003 -2004: Graduate Certificate in Environment and Planning – RMIT University

1986 - 88: Bachelor of Social Science (Socio-Environmental Assessment and Policy) - RMIT. Obtained degree with distinction.

### Area of Expertise

I have worked as a social researcher and planner specialising in community infrastructure assessments since 1992. My curriculum vitae, summary of experience, project information and declaration are attached.

### Expertise in Preparing the Report

Robert has had over two decades of experience as a social planner of a broad range of community infrastructure such as open space, community centres and schools. ASR Research specialises in providing advice to both developers, local Councils and State agencies on how to most effectively and efficiently provide for the many services and facilities local communities require to satisfy their social needs. This advice, prepared in the form of detailed assessments, has covered many land use contexts, from the outer fringes of Melbourne in new housing estates, to significant infill redevelopments.

I have been responsible for the preparation of numerous PSPs, largely on behalf of the Victorian Planning Authority (formerly the Metropolitan Planning Authority), Local Government and developers. These include:

## **Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan**

### *Western Metropolitan Region*

- Toolern Precinct Structure Plan Community Infrastructure Assessment
- Melton North Community Infrastructure Assessment
- Taylors Hill West Community Infrastructure Assessment
- Mt Atkinson Community Infrastructure Assessment
- Rockbank Regional Community Infrastructure Assessment
- Eynesbury Community Infrastructure Assessment
- Melton Township Local Structure Plan

### *Northern Metropolitan Region*

- Greater Beveridge Community Infrastructure Scoping Study
- Greenvale Community Infrastructure Assessment
- Lockerie Community Infrastructure Assessment
- Lockerie North Community Infrastructure Assessment
- Merrifield West Community Infrastructure Assessment
- Wollert – Quarry Hills Community Infrastructure Assessment
- Mernda – Doreen Growth Area Community Infrastructure Assessment
- Epping North Growth Area Community Infrastructure Assessment

### *South Eastern Metropolitan Region*

- Clyde and Cranbourne Nth Community Infrastructure Assessment
- Botanic Ridge: Review of Community Infrastructure Requirements

In relation to education facility assessments I have most recently been involved in the preparation of the:

- Eynesbury Education Facility Needs Assessment (2017) for the Hyde Property Group;
- Review of Government Secondary School Requirements within the Pakenham East Precinct Structure Plan (2017) for Parklea Pty Ltd;
- Victoria University (Melton Campus) Education Facility Needs Assessment (2017) for Victoria University; and
- Evaluation of Opening Enrolments of Recently Established Catholic Primary Schools (2015) for Catholic Education Melbourne.

I was also significantly involved with the preparation of the *Planning for Community Infrastructure in Growth Area Communities* (2008), a much cited document in the preparation of PSPs in Melbourne's growth areas.

### **Instructions Which Defined the Scope of This Report**

I have been engaged by Sunbury Realty Pty Ltd to review the appropriateness of the proposed Government Secondary School site location shown in the draft Sunbury South Precinct Structure Plan. To answer this question, my review addressed the following objectives:

1. To determine whether there is need for a Government Secondary School in the Sunbury South PSP area having regard to the existing schools and their associated catchments and having regard to planned growth through the wider Sunbury area and surrounding communities.
2. Based on the outcome of point 1 above, if there is need for an additional Government secondary school in Sunbury South, assess the most appropriate location for an additional Government Secondary School having deliberate regard to its catchment, co-location opportunities, access potential, existing and planned open space and Council owned land.

### **Facts, Matters and Assumptions Relied Upon**

In the course of my investigations I have based my assessment on:

1. The contents of both the draft Sunbury South and draft Lancefield Road Precinct Structure Plans including proposed school locations and the proposed transport network;
2. The current and planned supply and distribution of Government secondary schools within Sunbury;
3. Population forecasts for Sunbury and surrounding communities prepared on behalf of Hume City Council;
4. Government secondary school planning and provision standards used by the Department of Education & Training; and
5. The “20-minute neighbourhood” objective outlined in Plan Melbourne 2017.

### **Documents Taken into Account**

The following documents have also been taken into account:

- Victorian Planning Authority, Draft Sunbury South Precinct Structure Plan (2016);
- Victorian Planning Authority, Draft Lancefield Road Precinct Structure Plan (2016);
- Hume City Council, Population and household forecasts, 2011 to 2036, prepared by .id, the population experts (June 2017) on behalf of Hume City Council;
- Hume City Council, Sunbury Hicap Delivery & Infrastructure Strategy (July 2012);
- Hume City Council, Sunbury Hicap Spatial Strategy (July 2012);

## **Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan**

- ASR Research Pty Ltd, Planning for Community Infrastructure in Growth Area Communities (2008); and
- Victorian State Government, Plan Melbourne 2017.

### **Identity of Persons Undertaking This Work**

I am solely responsible for the preparation of the report.

### **Summary of Opinions**

A summary of opinions is provided in the attached report: "Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan".

### **Declaration**

I have made all the inquiries that I believe are desirable and appropriate and confirm that no matters of significance which I regard as relevant have to my knowledge been withheld from the Panel.

A handwritten signature in black ink on a light yellow background. The signature is cursive and appears to read 'Robert Panozzo'.

Robert Panozzo

Director

ASR Research Pty Ltd

Suite 7 / 321 Chapel Street, Prahran

Monday, 14 August 2017

## CURRICULUM VITAE

This section outlines relevant information about Robert Panozzo, Principal Consultant with Australian Social & Recreation Research Pty Ltd (“ASR” or “ASR Research”), who prepared the following expert witness report.

### Personal Details

Name: Robert Panozzo  
Office Address: Suite 7, 321 Chapel Street, Prahran 3181

### Education Qualifications

2003 -2004: Graduate Certificate in Environment and Planning – RMIT University  
1986 - 88: Bachelor of Social Science (Socio-Environmental Assessment and Policy) - RMIT. Obtained degree with distinction.

### Employment

**1998 -**

Director– Australian Social & Recreation Research Pty Ltd (ASR Research). ASR Research’s mission is to provide its clients with high quality community infrastructure planning and demographic research services.

**1995 - 1998**

Social Planner - City of Whittlesea

**1992 - 1995**

Research Officer - Family Resource Centre (Whittlesea-Plenty Growth Area)

#### *Expertise in Preparing the Expert Witness Report*

Robert has had over a decade of experience as a community infrastructure planner of a broad range of community infrastructure such as community centres, recreation reserves, parks and schools. ASR Research specialises in providing advice to both developers and local Councils on how to most effectively and efficiently provide for the many services and facilities local communities require to satisfy their social needs. This advice,

## **Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan**

prepared in the form of detailed assessments, has covered many land use contexts, from the outer fringes of Melbourne in new housing estates, to significant infill redevelopments.

I have been responsible for the preparation of numerous PSPs, largely on behalf of the Victorian Planning Authority (MPA, formerly the Growth Areas Authority), Local Government and developers. Each of these reports includes an assessment of active open space needs. These include:

### *Western Metropolitan Region*

- Toolern Precinct Structure Plan Community Infrastructure Assessment
- Melton North Community Infrastructure Assessment
- Taylors Hill West Community Infrastructure Assessment
- Mt Atkinson Community Infrastructure Assessment
- Rockbank Regional Community Infrastructure Assessment
- Eynesbury Community Infrastructure Assessment
- Melton Township Local Structure Plan

### *Northern Metropolitan Region*

- Greater Beveridge Community Infrastructure Scoping Study
- Greenvale Community Infrastructure Assessment
- Lockerie Community Infrastructure Assessment
- Lockerie North Community Infrastructure Assessment
- Merrifield West Community Infrastructure Assessment
- Wollert – Quarry Hills Community Infrastructure Assessment
- Mernda – Doreen Growth Area Community Infrastructure Assessment
- Epping North Growth Area Community Infrastructure Assessment

### *South Eastern Metropolitan Region*

- Clyde and Cranbourne Nth Community Infrastructure Assessment
- Botanic Ridge: Review of Community Infrastructure Requirements





**Review of Government Secondary School  
Requirements within the Sunbury South Precinct  
Structure Plan**

**Final Report**

**August 11<sup>th</sup>, 2017**

**Prepared by Robert Panozzo  
Director, ASR Research Pty Ltd  
On behalf of Sunbury Realty Pty Ltd**

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## Executive Summary

### 1. Introduction

I have been engaged by Sunbury Realty Pty Ltd to review the appropriateness of the proposed Government Secondary School site location shown in the draft Sunbury South Precinct Structure Plan. To answer this question, my review addressed the following objectives:

1. To determine whether there is need for a Government Secondary School in the Sunbury South PSP area having regard to the existing schools and their associated catchments and having regard to planned growth through the wider Sunbury area and surrounding communities.
2. Based on the outcome of point 1 above, if there is need for an additional Government secondary school in Sunbury South, assess the most appropriate location for an additional Government Secondary School having deliberate regard to its catchment, co-location opportunities, access potential, existing and planned open space and Council owned land.

In the course of my investigations I have based my assessment on:

1. The contents of both the draft Sunbury South and draft Lancefield Road Precinct Structure Plans including proposed school locations and the proposed transport network;
2. The current and planned supply and distribution of Government secondary schools within Sunbury;
3. Population forecasts for Sunbury and surrounding communities prepared on behalf of Hume City Council;
4. Government secondary school planning and provision standards used by the Department of Education & Training; and
5. The “20-minute neighbourhood” objective outlined in Plan Melbourne 2017.

### 2. Conclusions

#### 2.1 The Number of Government Secondary Schools Required for Sunbury & Surrounds

My conclusions in relation to the number of Government Secondary Schools required to adequately service the long term needs of both Sunbury and neighbouring communities is as follows:

1. Based on a DET government secondary school provision requirement of 1 school for every 10,000 dwellings in greenfield locations such as the Sunbury South PSP, and a dwelling yield of approximately 32,000 for the study area by 2041, approximately 3.2 Government Secondary Schools are required to

satisfy future demand within this area. It should be noted that Government Secondary School provision in Sunbury does, and will continue to, service population catchments beyond Sunbury, most notably the adjoining suburb of Diggers Rest to the west of Sunbury (which is located in the City of Melton).

2. Given this, and the fact that there are two existing Government Secondary schools and two further Government Secondary schools planned (Lancefield Road PSP and Sunbury South PSP), I am satisfied that four Government Secondary Schools is both an appropriate number of schools, and will provide Sunbury and neighbouring communities such as Diggers Rest with sufficient capacity to meet future demand.

## **2.2 The Distribution of Government Secondary Schools for Sunbury**

My conclusions in relation to the distribution of existing and planned Government Secondary Schools are as follows:

1. There are large gaps in the catchment profile of the 4 Government Secondary Schools proposed to meet the current and future needs of Sunbury and surrounding communities. I have referred to the major gaps areas as: 1) the “southern gap area” which includes the western half of the Sunbury South PSP, and 2) the “eastern gap area” which includes the southern half of the Lancefield Road PSP.
2. The most practical way of rectifying the problem in the current distribution of existing and planned Government Secondary Schools in Sunbury is to:
  - Relocate the proposed Sunbury South PSP Government Secondary College further north-west toward the present location of the proposed Government Primary School site marked “D”; and
  - Relocate the proposed Lancefield Road PSP Government Secondary College further south.

My suggestion to relocate the proposed Sunbury South PSP Government Secondary College further north-west toward the present location of the proposed Government Primary School site marked “D”, will significantly improve access to the school by students living in the western half of the Sunbury South PSP who will have only one road connection across Jacksons Creek.

## 1 Introduction

I was engaged by Sunbury Realty Pty Ltd (“the client”) which owns land located in the Sunbury South Precinct Structure Plan (PSP) area (shown in Figure 1 below). The draft PSP shows a proposed Government Secondary School site located on the client’s land.

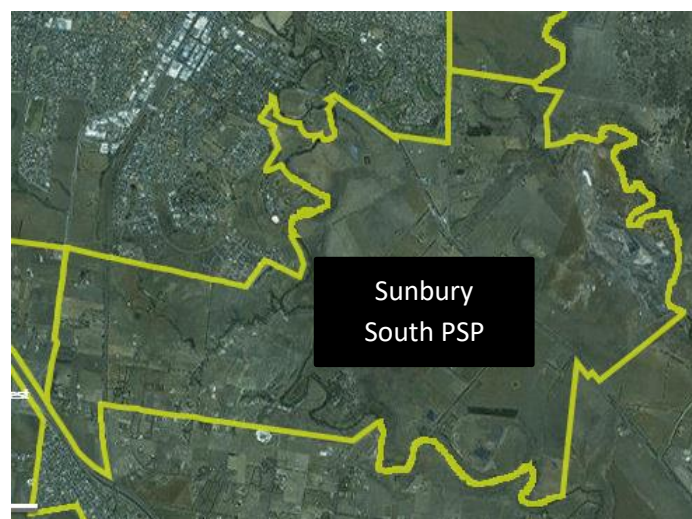
The Victorian Planning Authority (VPA), in consultation with Hume City Council and Government agencies, has prepared the Sunbury South Precinct Structure plan (PSP) to guide new urban development in Sunbury.

Given this context the client wishes to know whether, in my opinion, the proposed the Government Secondary School site location shown in the draft PSP is appropriate.

To answer this question, my review addressed the following objectives:

1. To determine whether there is need for a Government Secondary School in the Sunbury South PSP area having regard to the existing schools and their associated catchments and having regard to planned growth through the wider Sunbury area and surrounding communities.
2. Based on the outcome of point 1 above, if there is need for an additional Government secondary school in Sunbury South, assess the most appropriate location for an additional Government Secondary School having deliberate regard to its catchment, co-location opportunities, access potential, existing and planned open space and Council owned land.

**Figure 1 - Location of Sunbury South PSP**

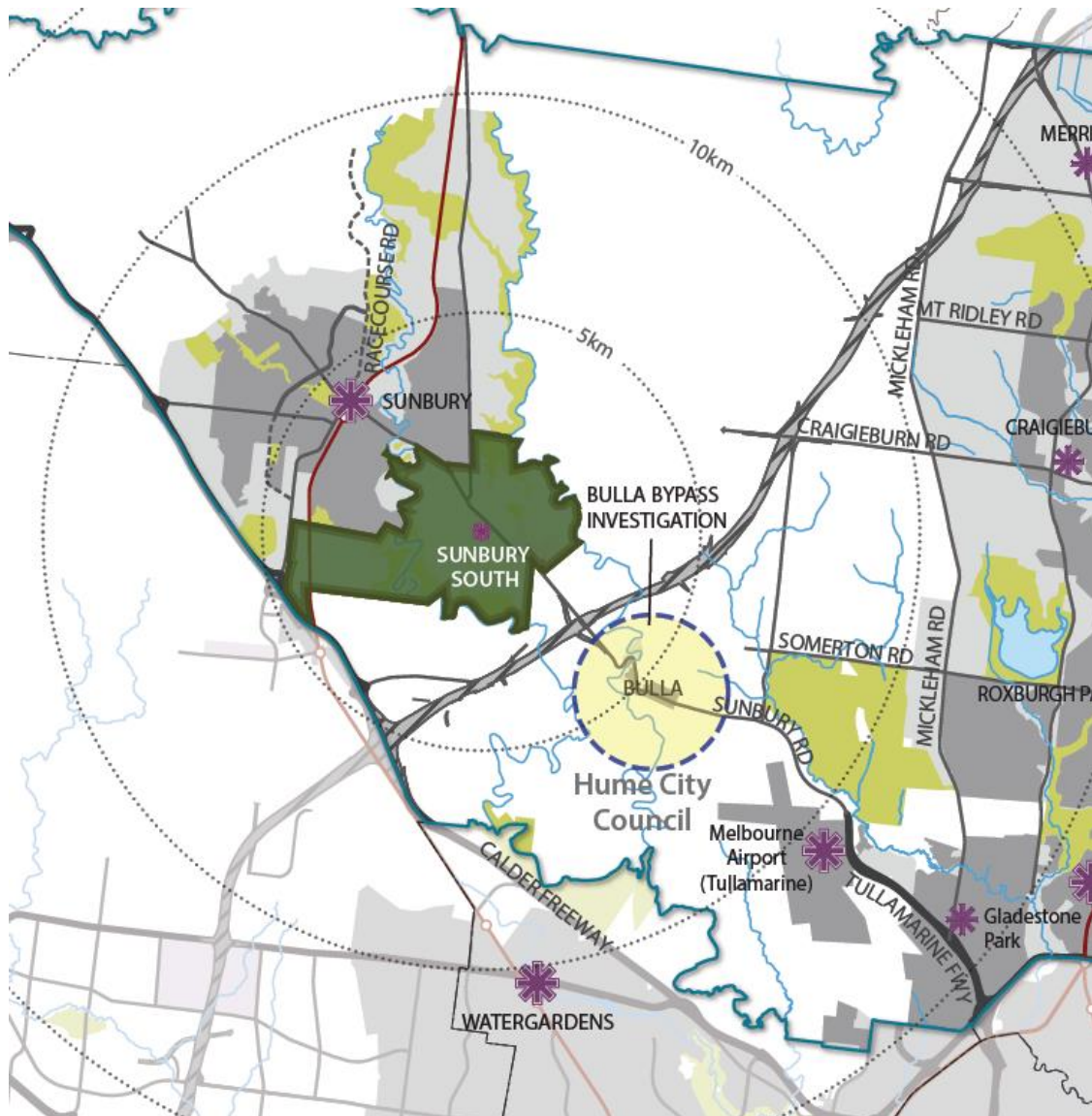


Source: VPA website

## 2 About the Sunbury South PSP Area

Figure 2 below shows the location of the Sunbury South PSP area in regional context. The PSP is located approximately 35 kilometres north west of the Melbourne Central Business District (CBD) and situated within the City of Hume. It is also located approximately 5 kilometres south-east of the established Sunbury Town Centre.

Figure 2 – Draft Sunbury South Precinct Structure Plan: Regional Context



Source: VPA, draft Sunbury South Precinct Structure Plan (2016)

The Sunbury South PSP will provide up to 11,800 homes to accommodate a population of more than 33,000. The precinct will deliver a new Major Town Centre, two new employment areas, regional parklands along

## **Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan**

Jacksons Creek, as well as a Jacksons Creek road crossing, a new train station near Jacksons Hill, and a range of local schools, sporting fields and community facilities.

The PSP applies to approximately 1,798 hectares of land generally bounded by Watsons Road and the Jacksons Creek to the south, Gellies Road and the Emu Creek to the north and north-east, the transmission line easement to the east and Vineyard Road to the west. The precinct abuts a number of existing communities within the Sunbury township, including Goonawarra and Jacksons Hill.

As shown in Figure 3 on the following page, the draft Sunbury South PSP proposes that a range of community facilities be established within the PSP including the following 5 education facilities:

- A proposed Government Secondary School (“A”) located in the south-eastern portion of the PSP;
- A proposed Government Primary School (“B”) located in the eastern portion of the PSP;
- A proposed Non-Government Primary School (“C”) located in the eastern portion of the PSP, adjacent to Government Primary School “B”;
- A proposed Government Primary School (“D”) located in the north-eastern portion of the PSP; and
- A proposed Government Primary School (“E”) located in the western half of the PSP.

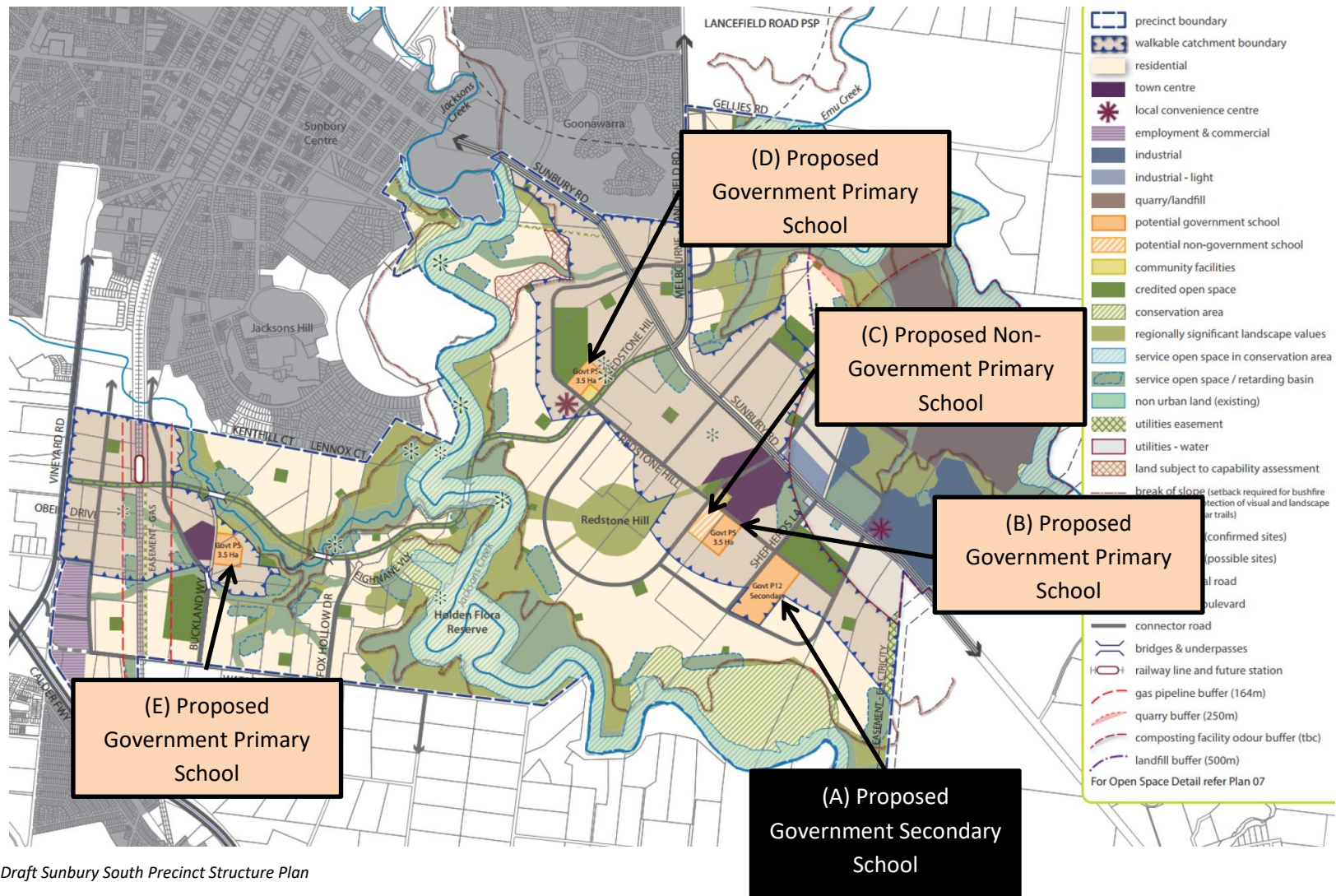
In total, the Sunbury South PSP makes provision for three (3) Government Primary Schools, one non-Government Primary School (1), and one (1) Government Secondary School.

The proposed Government Secondary College is proposed to be located adjacent to an active open space reserve located on the northern boundary of the Government Secondary College.



## Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan

Figure 3 – Proposed Education Facilities and the Future Urban Structure: Draft Sunbury South PSP

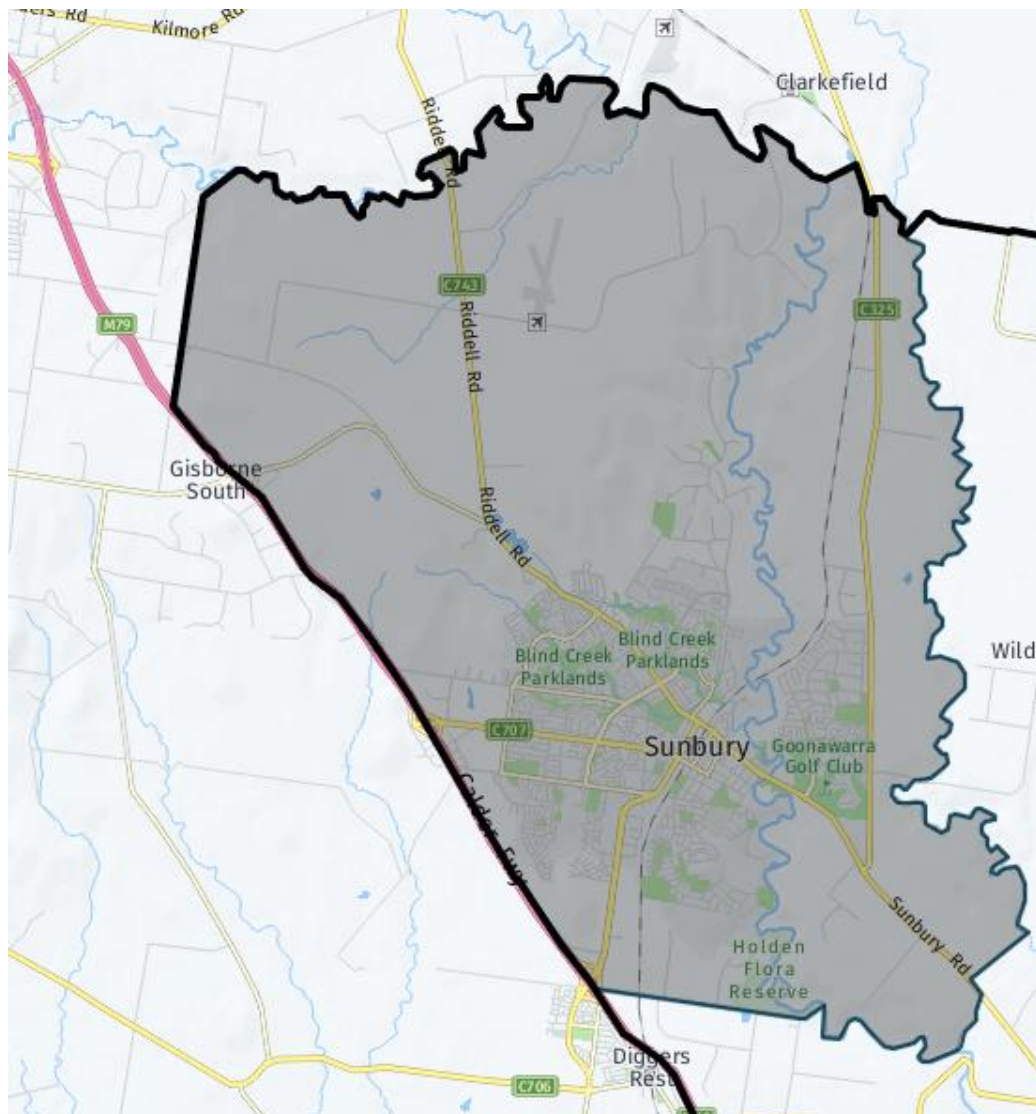


### 3 Assessment

#### 3.1 Study Area

In order to determine the need for, and the optimal location of a proposed Government Secondary School within the Sunbury South PSP, my assessment reviewed Government Secondary School requirements across a larger study area constructed using the City of Hume's small area population forecasts, prepared on behalf of Council by .id consulting (source: <http://forecast.id.com.au/hume>). Figure 4 below shows the Sunbury small area which was used to define the study area for my review.

Figure 4 - Assessment Study Area: Sunbury



Source: City of Hume Population and household forecasts, 2011 to 2041, prepared by .id, the population experts, June 2017

My review then used the following steps to address both the need for and optimal location of an additional government secondary school within the study area.

- A comparison of Sunbury, the City of Hume and Greater Melbourne education participation rates using 2016 ABS Census data (refer to Attachment 1 which compares the secondary school enrolment attendance rates of Sunbury with the City of Hume and the greater Melbourne statistical division).
- An audit of existing and planned Government Secondary school provision within the study area.
- An analysis of enrolment trends at existing Government Secondary schools located within Sunbury.
- The adequacy of the planned distribution of existing and proposed Government Secondary Schools within the study area.
- Projected Government Secondary School enrolment yields using population forecasts for the small area locations forming the study area from the year 2016 to 2041.
- Compare the anticipated dwelling and population yield of the study area against DET planning provision guidelines for Government Secondary Schools (refer to Attachment 4 - Department of Education & Training, Planning Standards for Government Secondary Schools).

### **3.2 Education Participation Rates by Type of Institution**

Attachment 1 of this assessment provides a comparison of secondary school enrolment attendance rates for Sunbury, the City of Hume and the Greater Melbourne Statistical Division. It shows that when compared to the City of Hume and the Greater Melbourne Statistical Division Sunbury has:

- A similar proportion of 12 to 17 year olds attending any form of secondary school (87%) as the City of Hume (87%), but lower than Greater Melbourne (91%); and
- A higher Government Secondary School participation rate as measured against the 12 – 17-year-old population (56% compared to 52% for Hume and 50% for Greater Melbourne).

### **3.3 Existing and Planned Schools with the Study Area**

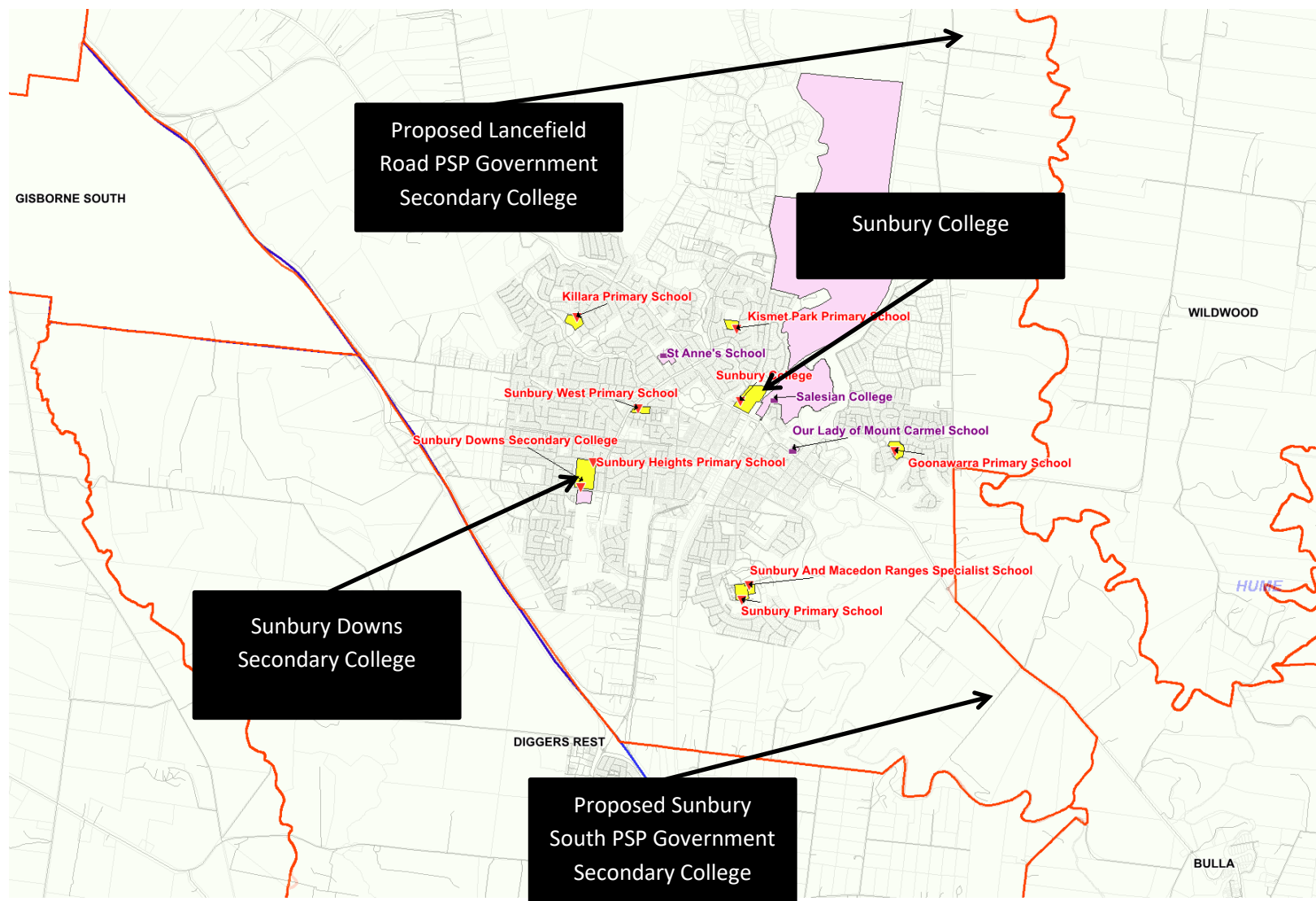
The study area consists of the following existing Government Secondary Colleges:

- Sunbury College; and
- Sunbury Downs Secondary College.

These are shown in Figure 5 on the following page.

## Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan

Figure 5 - Locations of Existing Government Secondary Schools within the Study Area





### 3.4 Study Area Dwelling, Population & Enrolment Projections

Attachment 2 of this review provides dwelling and population forecasts for the study area from 2016 to 2041. It shows the population of Sunbury increasing significantly over this 25-year period from approximately 37,200 to 85,200 residents. The number of dwellings projected to be accommodated within the study will also increase significantly from approximately 14,200 to 31,800 over the 25-year period.

### 3.5 Number of Government Secondary Schools Required for the Study Area & Preferred Distribution

#### 3.5.1 Government Secondary School Provision Benchmark

The Government school sector has well established provision planning guidelines (or “benchmarks”) for the establishment of new schools. Although indicative, they provide a reasonable guide to education facility requirements in growth areas. The facility provision benchmarks for Government secondary schools are summarised below in Table 1. More details about the facility planning guidelines for Government schools are provided in Attachment 4 of this report respectively.

Table 1 – Indicative Government Provision Guidelines

School Type	Provision Guideline (Benchmark)	Provision Guideline Source
Government Secondary School	1 school per 10,000 dwellings	Department of Education & Training

Based on a DET government secondary school provision requirement of 1 school for every 10,000 dwellings in greenfield locations such as the Sunbury South PSP, and a dwelling yield of approximately 32,000 for the study area by 2041, approximately 3.2 Government Secondary Schools are required to satisfy future demand within this area. It should be noted that Government Secondary School provision in Sunbury does, and will continue to, service population catchments beyond Sunbury, most notably the adjoining suburb of Diggers Rest to the west of Sunbury (which is located in the City of Melton). Given this, and the fact that there are two existing Government Secondary schools and two further Government Secondary schools planned (Lancefield Road PSP and Sunbury South PSP), I am satisfied that four Government Secondary Schools is both an appropriate number of schools, and will provide Sunbury and neighbouring communities such as Diggers Rest with sufficient capacity to meet future demand.

### 3.5.2 Government Long Term Enrolment Guidelines

In relation to Government school provision, DET identifies a long-term enrolment (LTE) objective for each primary and secondary school. In relation to Government secondary schools this is:

- 1,100 long term enrolments and generally with a maximum capacity to accommodate 50% more (approximately 1,600 to 1,700 enrolments).

Attachment 3 of this assessment provides projected government secondary school enrolments for the study from 2016 to 2041. It shows Government secondary enrolments growing from approximately 1,600 in 2016 to 3,700 by 2041. Given that Sunbury does and will continue service communities beyond the greater Sunbury boundary, these government secondary school enrolment forecasts also indicate that 4 Government Secondary Schools located in Sunbury is an appropriate number of schools.

### 3.5.3 Distribution of Government Secondary Schools

While there are currently no formal guidelines for the preferred distribution of Government Secondary Schools, recent informal discussions with DET provision planning officers indicates a there is a departmental aspiration that all Melbourne residents should have access to a Government secondary school within 1.5 kilometres of their home. This emerging distribution target is also linked to the 20-minute neighbourhood objective outlined in the State Government's metropolitan growth strategy – *Plan Melbourne 2017*, and is discussed in more detail below.

## 3.6 Distribution Analysis: The 20-minute Neighbourhood

Plan Melbourne's<sup>1</sup> Principle 5 refers to "Living locally—20-minute neighbourhoods". This principle is focused on creating accessible, safe and attractive local areas where people can access most of their everyday needs within a 20-minute walk, cycle or local public transport trip. The principle aims to make Melbourne healthier and more inclusive. Due to the specialised and diverse nature of work, many people will still need to travel outside of this 20-minute neighbourhood for their jobs. A 20-minute walk equates to approximately 1.5 kilometres.

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<sup>1</sup> Plan Melbourne is a metropolitan planning strategy that defines the future shape of the city and state over the next 35 years. Integrating long-term land use, infrastructure and transport planning, Plan Melbourne sets out the strategy for supporting jobs and growth, while building on Melbourne's legacy of distinctiveness, liveability and sustainability. The plan includes:

- 9 principles to guide policies and actions
- 7 outcomes to strive for in creating a competitive, liveable and sustainable city
- 32 directions outlining how these outcomes will be achieved
- 90 policies detailing how these directions will be turned into action

In addition, a separate 5-year Implementation Plan with 112 actions has been developed.

Figure 6 - The 20-minute neighbourhood



Source: Department of Environment, Land, Water and Planning

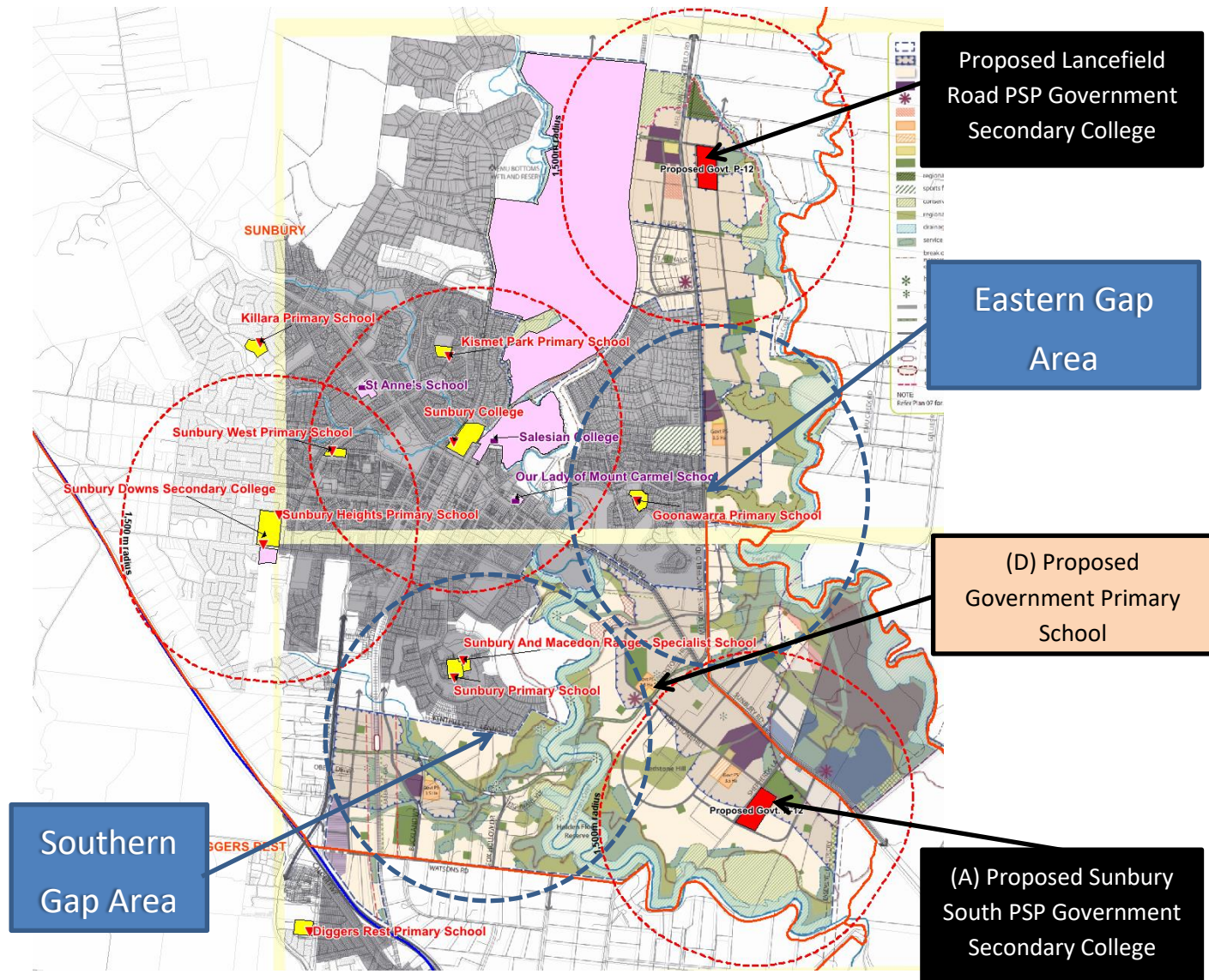
*Cited in Plan Melbourne 2017-2050, page 115*

Because of the importance Plan Melbourne places on the 20-minute neighbourhood principle this assessment constructed 1.5 kilometre geographic catchments for each of the existing and planned Government Secondary Colleges in Sunbury. These are shown in Figure 8 on the following page. Figure 8 reveals the following:

- There are large gaps in the catchment profile of the 4 Government Secondary Schools proposed to meet the current and future needs of Sunbury. I have referred to the major gaps areas as: 1) the “southern gap area” which includes the western half of the Sunbury South PSP, and 2) the “eastern gap area” which includes the southern half of the Lancefield Road PSP.
- The most practical way of rectifying the problem in the current distribution of existing and planned Government Secondary Schools in Sunbury is to:
  1. Relocate the proposed Sunbury South PSP Government Secondary College further north-west toward the present location of the proposed Government Primary School site marked “D”; and
  2. Relocate the proposed Lancefield Road PSP Government Secondary College further south.
- My suggestion to relocate the proposed Sunbury South PSP Government Secondary College further north-west toward the present location of the proposed Government Primary School site marked “D”, will significantly improve access to the school by students living in the western half of the Sunbury South PSP who will have only one road connection across Jacksons Creek.

## Review of Government Secondary School Requirements within the Sunbury South Precinct Structure Plan

Figure 7 - Existing & Planned Govt. Secondary School Provision, 1.5 Kilometre Catchments & Gap Areas





## **4 Conclusions**

### **4.1 The Number of Government Secondary Schools Required for Sunbury & Surrounds**

My conclusions in relation to the number of Government Secondary Schools required to adequately service the long term needs of both Sunbury and neighbouring communities is as follows:

3. Based on a DET government secondary school provision requirement of 1 school for every 10,000 dwellings in greenfield locations such as the Sunbury South PSP, and a dwelling yield of approximately 32,000 for the study area by 2041, approximately 3.2 Government Secondary Schools are required to satisfy future demand within this area. It should be noted that Government Secondary School provision in Sunbury does, and will continue to, service population catchments beyond Sunbury, most notably the adjoining suburb of Diggers Rest to the west of Sunbury (which is located in the City of Melton).
4. Given this, and the fact that there are two existing Government Secondary schools and two further Government Secondary schools planned (Lancefield Road PSP and Sunbury South PSP), I am satisfied that four Government Secondary Schools is both an appropriate number of schools, and will provide Sunbury and neighbouring communities such as Diggers Rest with sufficient capacity to meet future demand.

### **4.2 The Distribution of Government Secondary Schools for Sunbury**

My conclusions in relation to the distribution of existing and planned Government Secondary Schools are as follows:

3. There are large gaps in the catchment profile of the 4 Government Secondary Schools proposed to meet the current and future needs of Sunbury and surrounding communities. I have referred to the major gaps areas as: 1) the “southern gap area” which includes the western half of the Sunbury South PSP, and 2) the “eastern gap area” which includes the southern half of the Lancefield Road PSP.
4. The most practical way of rectifying the problem in the current distribution of existing and planned Government Secondary Schools in Sunbury is to:
  - Relocate the proposed Sunbury South PSP Government Secondary College further north-west toward the present location of the proposed Government Primary School site marked “D”; and
  - Relocate the proposed Lancefield Road PSP Government Secondary College further south.
1. My suggestion to relocate the proposed Sunbury South PSP Government Secondary College further north-west toward the present location of the proposed Government Primary School site marked “D”, will significantly improve access to the school by students living in the western half of the Sunbury South PSP who will have only one road connection across Jacksons Creek.

## **Attachments**

## Attachment 1 – Comparison of Sunbury, City of Hume & and Greater Melbourne Statistical Division Secondary School Attendance Rates

Table 2 - Comparison of Sunbury, City of Hume & and Greater Melbourne Statistical Division Secondary School Attendance Rates: 2016 ABS Census

	Sunbury (2016 ABS Census)		City of Hume	Greater Melbourne Statistical Division
<i>Secondary School Type</i>	<i>Number</i>	<i>% of 12 to 17 Year Old Population</i>	<i>% of 12 to 17 Year Old Population</i>	<i>% of 12 to 17 Year Old Population</i>
Government	1,610	55.7%	52.0%	50%
Catholic	695	24.0%	19.1%	21%
Other Non-Government	225	7.8%	16.4%	20%
<b>Total</b>	<b>2,528</b>	<b>87.4%</b>	<b>87.6%</b>	<b>91%</b>

Source: 2016 ABS Census of Population & Housing

## Attachment 2 – Study Area Population & Dwelling Forecasts: 2016 to 2036

**Table 3 - Projected 12-17 Year Old Population for the Study Area: 2016 to 2041**

	Year					
Demographic Variable	2016	2021	2026	2031	2036	2041
Average household size	2.7	2.7	2.7	2.7	2.8	2.8
Dwellings	14,184	15,865	18,162	21,341	26,032	31,783
Households	13,640	15,258	17,473	20,535	25,039	30,547
Resident population in non-private dwelling	281	336	434	483	532	532
Resident population in private dwelling	36,935	41,211	47,387	55,992	68,884	84,756
Total Population	37,215	41,547	47,820	56,475	69,416	85,288

Source: City of Hume Population and household forecasts, 2016 to 2041, prepared by .id, June 2017

### Attachment 3 – Projected Secondary Enrolment Demand & Govt Secondary Facility Requirements for the Study Area

Table 4 - Projected Secondary School Enrolments & Facility Requirements for the Study Area: 2016 to 2041

Secondary School Type	Attendance rate (based on 2016 ABS Census attendance rates for Sunbury)	Year					
		2016	2021	2026	2031	2036	2041
Govt Secondary Enrolment	55.7%	1,634	1,830	2,082	2,456	3,024	3,741
Catholic Secondary Enrolment	24.0%	705	790	899	1,060	1,305	1,615
Non Gov Secondary Enrolment	7.8%	228	256	291	343	423	523
Total Secondary Enrolment	87.4%	2,566	2,874	3,270	3,856	4,748	5,875
<b>Govt Secondary School facilities</b>	<b>1 school per 10,000 dwellings</b>	1.4	1.6	1.8	2.1	2.6	3.2

Source: Based on 2016 ABS Census of Population and Housing and City of Hume Population and household forecasts, 2016 to 2041, prepared by .id, June 2017

## Attachment 4 – Department of Education & Training (DET) Planning Standards for Government Secondary Schools

Table 5 – DET Planning Standards for Government Secondary Schools

Identified Provision Ratios for Community Infrastructure Type (Actual or Desired)	Recommended Provision Ratio for Community Infrastructure in Growth Area	Current Service & Facility Model of Provision	Recommended Service & Facility Model for Growth Areas	Land Area and Building Footprint Requirements for Growth Areas
1 government secondary school per 10,000 households	1 government secondary school per 25,000 to 30,000 people	<p>Primarily as stand alone facilities co-located with other community infrastructure forms such as active and passive open space, community centres and early years facilities.</p> <p>Some government secondary colleges are configured together with primary schools either as full (Year 7 to 12) or partial (Year 7 to 9) secondary colleges.</p>	<p>Councils should plan collaboratively with the Department of Education around both traditional school provision and how government secondary schools can be developed to deliver a wider range of community service and activity needs.</p> <p>Planning processes should focus in particular on the following joint use community infrastructure possibilities:</p> <ul style="list-style-type: none"> <li>• Performance facilities.</li> <li>• The development of higher order indoor recreation centres (4-6 court facilities).</li> <li>• The development of low order performing arts and general community meeting spaces.</li> </ul> <p>The provision of senior level sports playing fields.</p>	<p><i>Land area</i></p> <ul style="list-style-type: none"> <li>• A Secondary College (Year 7 to Year 12) requires a long-term enrolment of 1,100 to be justified. The minimum area is 8.4 ha</li> <li>• A P9 School (Prep to Year 9) requires a long-term enrolment of 675 to be justified. The minimum site area is 5.4 ha.</li> <li>• A Senior Secondary College (Year 10 to Year 12) requires a long-term enrolment of 500 to be justified. The minimum site area is 3.5 ha.</li> <li>• These site areas would have to be increased if additional community infrastructure such as indoor recreation centres etc are located at the school sites</li> </ul> <p>For example, where a secondary college (7-12) incorporates a 4 court indoor stadium, a performing arts facility (with 400 seat capacity), and the equivalent a full sized AFL oval playing area, the overall site allocation would need to increase from 8.4 to approximately 12 ha</p>

Source: cited in *Planning for Community Infrastructure in Growth Area Communities* (2008), prepared by ASR Research Pty Ltd.