

WALLAN SOUTH

PLACE-BASED PLAN

CO-DESIGN WORKSHOP SUMMARY OCTOBER 2020



CONTENTS

INTRODUCTION	1
PSP 2.0 Process	1
PLACE BASED PLAN CO-DESIGN WORKSHOP	3
Introduction	3
Who was involved?	3
Place Based Plan Co-Design Workshop Structure	4
KEY THEMES	5
CO-DESIGN PLACE BASED PLANS	6
Introduction	6
Activity #1 - Constraints Mapping	7
Activity #2 - Active and Attractive Connections Mapping	10
Activity #3 - Timely Transport Connections Mapping	12
Activity #4 - Land Use Mapping/Analysis	14
CONCEPTUAL PLACE-BASED PLAN	18
NEXT STEPS	20
Appendix 1 - MURAL PDF Exports – Workshop #1	21
Appendix 2 - MURAL PDF Exports – Workshop #2	32



Level 2, 299 Clarendon Street, South Melbourne, VIC 3205
phone. +61 3 9070 1166 meshplanning.com.au



© Mesh Livable Urban Communities Pty Ltd 2020

This work is copyright. Apart from any use permitted under the Copyright Act 1968, no part may be reproduced by any process without written permission from Mesh Livable Urban Communities Pty Ltd

Disclaimer

All professional care has been taken to ensure that the content of this report is current and accurate. However, it is not purported that it is complete, and it is not guaranteed that the content of the report is free from errors. Mesh accepts no liability for error, loss, damages or other consequences arising from reliance on information contained in this report.

INTRODUCTION

PSP 2.0 PROCESS

The Victorian Planning Authority (VPA) is taking an innovative approach to shaping the future of Melbourne's communities, through collaborative strategic planning.

The Precinct Structure Plan (PSP) process was reviewed by the VPA in 2019 as part of a program of continuous improvement. This reform agenda created the next generation of strategic planning - 'PSP 2.0' to deliver outcomes focused on vision, purpose and place in partnership with local communities.

PSP 2.0 sets aspirational targets for PSP development including co-design, streamlining preparation, optimising the PSP product to embrace innovation and delivering government policy.

The co-design approach is key to achieving integrated planning outcomes through the streamlined PSP preparation process. This collaborative and iterative approach provides opportunities for a range of diverse stakeholders to participate in workshops that generate and refine new ideas, and craft, test and deliver meaningful and distinct visions for our new greenfield neighbourhoods and communities.

In particular, the PSP 2.0 process aims to:

- ▶ Facilitate co-design of a Place-Based Structure Plan (PSP);
- ▶ Achieve up-front, early resolution of issues;
- ▶ Gain better and earlier information on infrastructure demands to inform agency planning and budget bids;
- ▶ Update guidance on PSP content reflecting new government policy and promoting innovation; and
- ▶ Provide stronger guidance in PSPs for staging of development.

The VPA is rolling out the new PSP 2.0 process as part of our Greenfields work program, which includes the Wallan South PSP.

Figure 1 on the following page illustrates where we are now in the PSP 2.0 process.

PURPOSE OF THE PLACE BASED PLAN CO-DESIGN WORKSHOP

This summary report captures the key outcomes from the Place Based Plan Co-Design Workshop, held online across two sessions (21 August 2020 and 28 August 2020) via Zoom and MURAL.

This report identifies comments raised and ideas contributed for key topics used in MURAL (being: Constraints, Active and Attractive Connections, Timely Transport Connections and Land Uses) across the Wallan South PSP to guide the development of a Conceptual Place Based Plan.

The overall intention of the report is to highlight key points of interest, preferences and a collection of the overwhelming views from various stakeholders on certain elements to assist in developing a Conceptual Place Based Plan for the Wallan South PSP.

The Conceptual Place Based Plan presented in this report will guide engagement with critical stakeholders, and to form the basis of formal agency consultation.

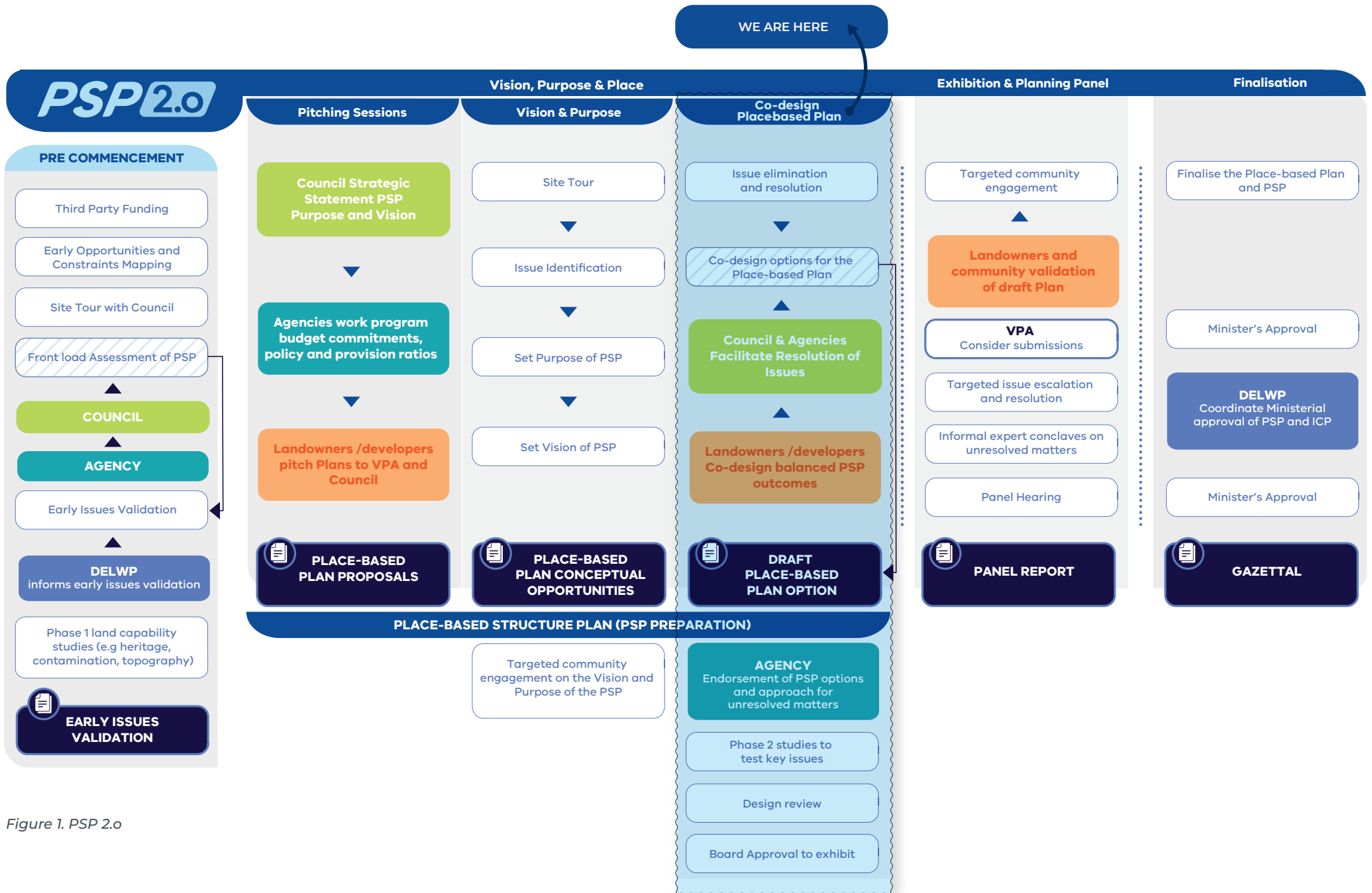


Figure 1. PSP 2.0

PLACE BASED PLAN CO-DESIGN WORKSHOP

INTRODUCTION

The place-based plan co-design workshop was held as a key part of the Wallan South PSP 2.0 process and built upon the outcomes of the pitching sessions (held in November 2019) and the vision and purpose co-design workshop (held in December 2019).

The purpose of the place-based co-design workshop was:

- ▶ To collaboratively develop and prepare a conceptual place-based plan for the Wallan South PSP.
- ▶ To provide an update on the current status of the project and summarise the background technical studies and resolution pathways and the Vision and Purpose Co-design Workshop.
- ▶ To provide an opportunity for key stakeholders and landowners to visually map out key constraints, transport connections and land uses.
- ▶ To encourage innovative ideas in shaping the urban structure for Wallan South.
- ▶ To provide a clear, transparent and inclusive consultation program.
- ▶ To outline next steps for the Wallan South PSP 2.0 process.

WHO WAS INVOLVED?

A diverse range of stakeholders attended the place-based plan co-design workshop sessions.

Across the two days, approximately 70 participants attended from the following organisations:

- Victorian Planning Authority;
- Mitchell Shire Council;
- Landholders and representatives of landholders: Crystal Group, Kingsman/ Human Habitats, Mondous Property, Hq Management, EPC Pacific, Landowner (Parcel 6), Landowner (30 Macsfield Rd);
- Victorian School Building Authority/Department of Education and Training Victoria;
- DELWP – Land (Regional Parks);
- Department of Transport & Regional Roads Victoria;
- DELWP – Planning Services;
- Department of Jobs, Precincts and Regions – Extractive Resources;
- Department of Jobs, Precincts and Regions – Invest Assist;
- Department of Health and Human Services;
- Environmental Protection Authority;
- DELWP – Integrated Water Management;
- Melbourne Water;
- Catholic Education Office;
- APA Group; and
- Yarra Valley Water.

PLACE BASED PLAN CO-DESIGN WORKSHOP STRUCTURE

The place-based plan co-design workshop was run online across two sessions via Zoom. While different online techniques were used at the workshops, the format was essentially the same as a face-to-face workshop, commencing with a presentation from the VPA to provide a summary of the current status of the project and an update on issue resolution pathways, followed by online interactive activities in small break out groups (the breakdown and structure of each day are illustrated in Figure 2).

Workshop activities were undertaken via a digital workspace tool called 'MURAL' which is an online platform similar to a format that would be used for face-to-face workshops. The workshops were facilitated by the VPA and Mesh. The raw data recorded on MURAL during all workshop sessions are included as Appendix 1 and 2.

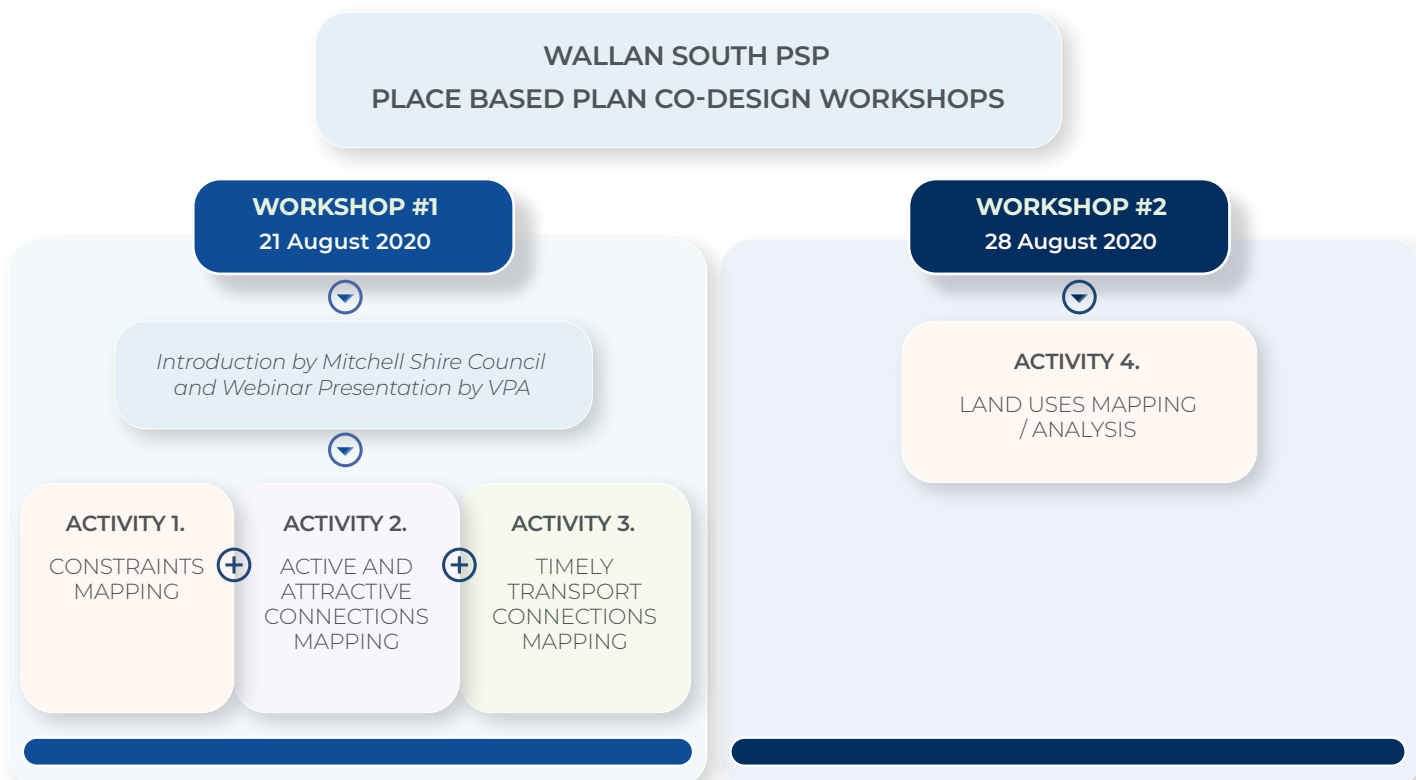


Figure 2 Workshop Schedule

KEY THEMES

Six emerging themes were identified and formed the basis of discussion at the Vision and Purpose Co-design Workshop. These themes have evolved as identified in the Vision and Purpose Co-design Workshop Summary Document to reflect the aspirations for the precinct.

Key themes for the Wallan South PSP are as follows:



Figure 3. Key Themes

CO-DESIGN PLACE BASED PLANS

INTRODUCTION

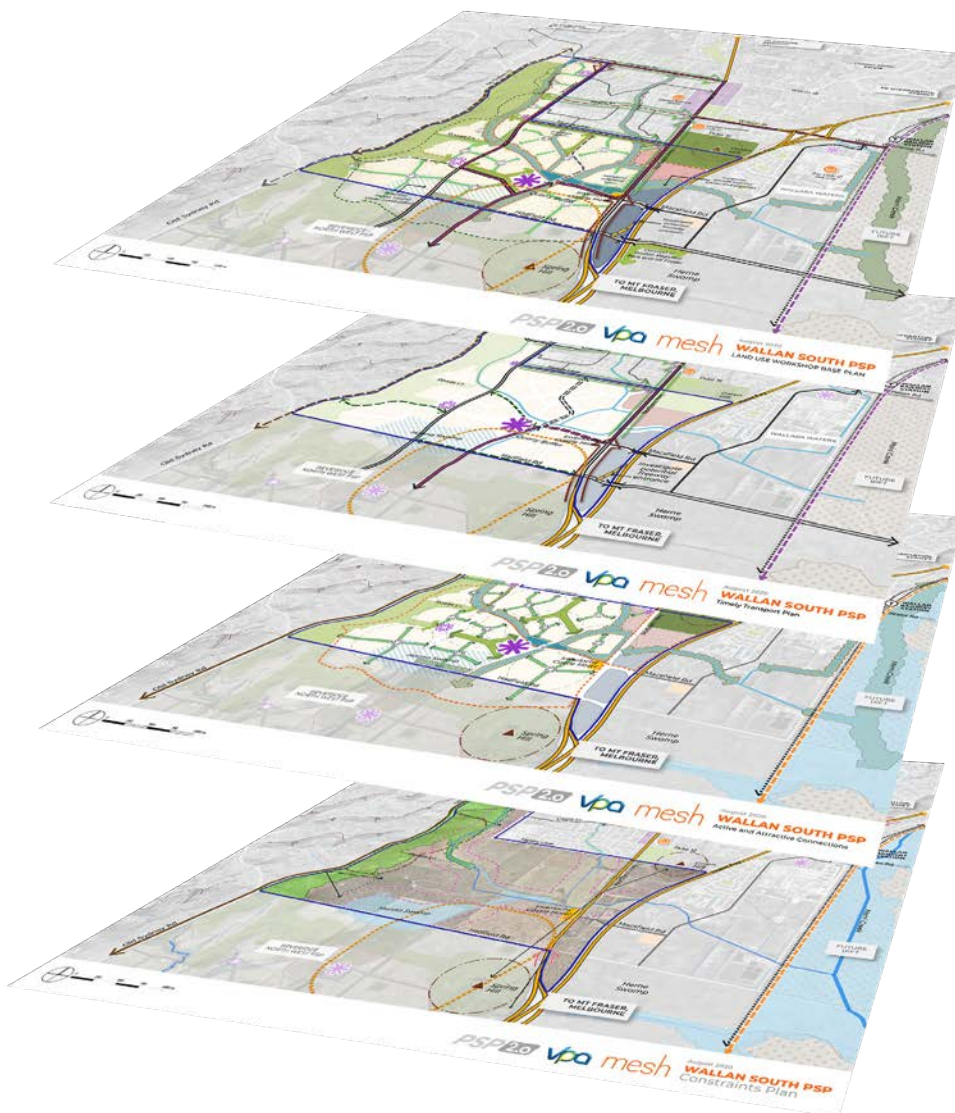
This section of the report summarises key findings from feedback collated from the MURALS for each of the four key topics - Constraints, Active and Attractive Connections, Timely Transport Connections and Land Uses.

In small Zoom breakout groups (of approximately 4-5 people), participants undertook a series of interactive activities via MURAL aimed to review and validate key constraints, amenity and landscaping connections/links, transport connections and land use mapping layers for the Wallan South PSP.

Workshop activities were based on each topic as follows:

Ultimately, a combination of these plans will form the basis of the Conceptual Place Based Plan for Wallan South PSP.

Each sub-section below describes the purpose of each activity, identifies key changes to each plan and a detailed drawing key that summarises comments received for particular elements of the plan.



► **Activity #4** – Land Uses Mapping/Analysis

► **Activity #3** – Timely Transport Connections Mapping

► **Activity #2** – Active and Attractive Connections Mapping

► **Activity #1** – Constraints Mapping

ACTIVITY #1 - CONSTRAINTS MAPPING

The aim of Activity #1 - Constraints Mapping was to review and validate (via sticky notes and the pen tool) key constraints within the Wallan South PSP as shown in the drawing key (refer to Table 1 below).

KEY QUESTIONS

participants were asked to consider (but not limited to):

- ▶ How should this constraint be treated or interfaced with?
- ▶ How could these constraints be used to achieve the Wallan South Vision?
- ▶ What should the detailed reports pay attention to?

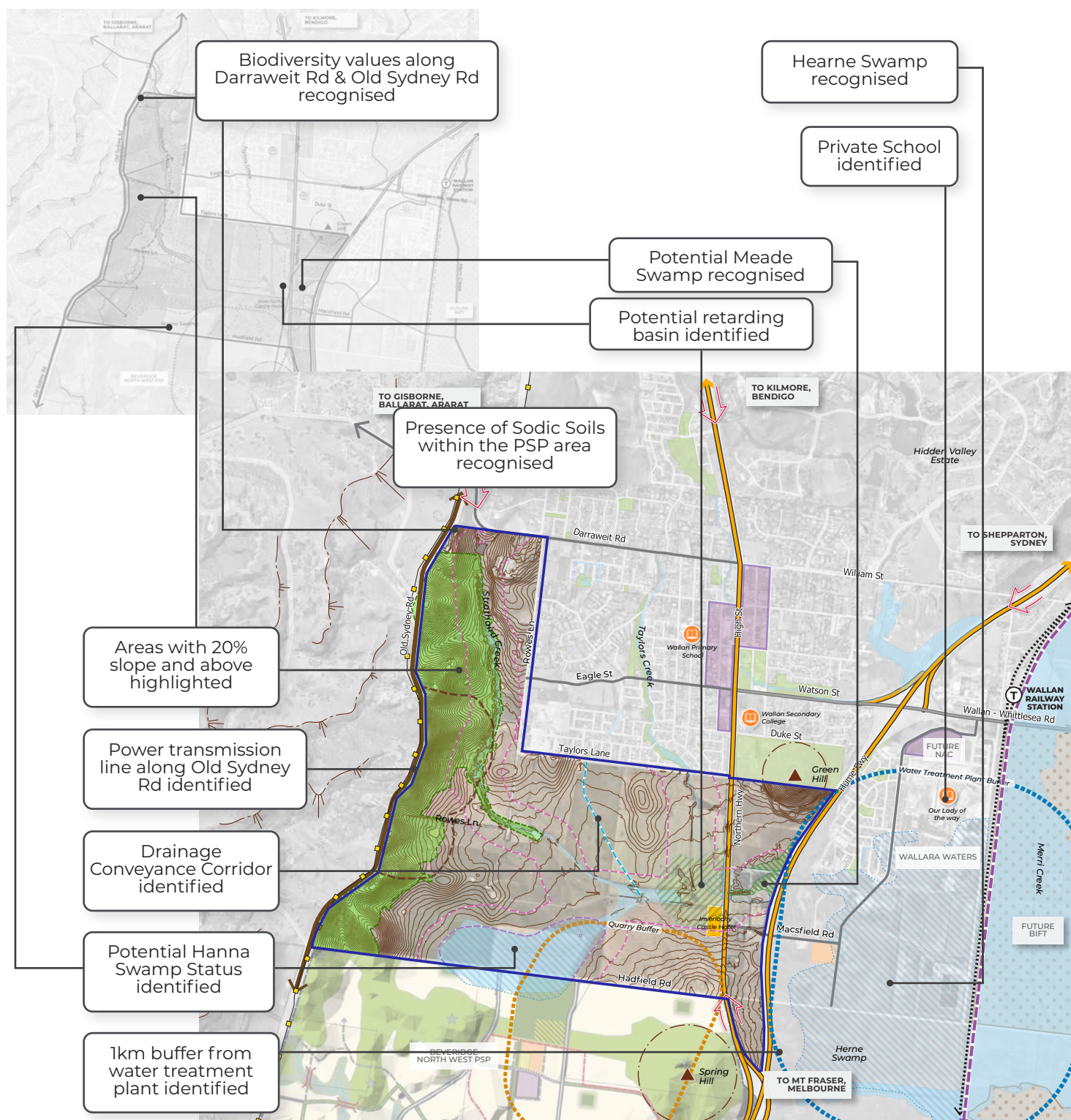




Figure 4 Updated Constraints Mapping Plan

Table 1 Constraints Mapping Drawing Key + Summary of Comments Received







COMPLETING THE FUTURE CITY OF WALLAN

Drawing Key	Comments Received / Description
 Extractive Industry 500m Buffer	<ul style="list-style-type: none"> Depending on the outcome of the Beveridge North West PSP (Planning Panel Report to be received October 2020) the quarry may require a buffer area within the Wallan South PSP and will impact on staging of development within this area.
 Freeway/Highway	<ul style="list-style-type: none"> Existing congestion along Northern Highway. Constrained access into the 'wedge' between the Northern Highway and the Hume Freeway. Access to the site will need to be improved from the adjacent highway and freeway to make development viable. Safety concerns regarding connection of Hadfield Road to the Northern Highway. Provide appropriate land uses, connectivity and biodiversity links on both sides of Northern Highway.

CONNECTING PEOPLE TO PLACES




Drawing Key	Comments Received / Description
 Old Sydney Road	<ul style="list-style-type: none"> Old Sydney road is constructed to a rural standard, is significantly vegetated and contains high biodiversity values with low passive surveillance. Minimise crossovers along Old Sydney Road.
 Connector Roads	<ul style="list-style-type: none"> Rowes Lane and Darraweit Road intersection considered unsafe due to poor site lines. Upgrades along Darraweit Road to provide for pedestrian and vehicle safety. Rowes Lane contains scenic rows of trees.

MAXIMISING VALUES FROM WATER AND LANDSCAPE

Drawing Key	Comments Received / Description
 Biodiversity Values	<ul style="list-style-type: none"> Conservation areas protecting existing biodiversity values. Avoid development on hilltop/steep slopes and near Strathaird Creek as these are key landscape features. High biodiversity values along Darraweit Road. Retain the vegetation along the ridges west of Strathaird Creek to provide a buffer to the residential area. Utilise the native environment and natural assets and avoid engineered solutions. Potential opportunity to connect to Beveridge North-West PSP conservation area to Wallan South PSP. Include east-west biodiversity links from Wallan Regional park to Deep Creek. Use buffers around the existing Biodiversity and Cultural Sensitivity areas to mitigate soil erosion.
 Bushfire Management Overlay	<ul style="list-style-type: none"> Setbacks may be required as BMO could extend along the waterway. Consider Bushfire Assessment along Strathaird Creek. Previous bushfires caused by electrical poles.
 Area of Cultural Sensitivity	<ul style="list-style-type: none"> Probable areas of cultural significance will be associated with the two creek lines and wetlands that pass through the site, the volcanic cone, and steep areas to the west of the site. Areas of Cultural Sensitivity to be directed by a Cultural Heritage Management Report (CHMP) currently being developed in consultation with Wurundjeri. Ensure protection of biodiversity values and cultural heritage values. Investigate European History of the Brick Hut/ Old Sydney Road Toll.
 Yarra Valley Treatment Plant 1km Buffer	
 Drainage Conveyance Corridor	<ul style="list-style-type: none"> Include drainage conveyance corridor from the bottom of Botanical Avenue south to Strathaird Creek.
 1 in 100-year Flood Extent	




MAXIMISING VALUES FROM WATER AND LANDSCAPE

Drawing Key	Comments Received / Description
 Potential Retarding Basin	<ul style="list-style-type: none">▶ Potential for large retarding basin west of Northern Highway.
 Swamps	<ul style="list-style-type: none">▶ Refer to Hanna Swamp as 'Potential swamp site under investigation' until MW investigation is completed.▶ Allow for development of the of the Hanna Swamp area as it is currently used for pasture and cropping and has not been flooded in 60 years.▶ Further assessments of Hanna Swamp are required to understand any Cultural Heritage or Strategic Values.▶ Identify Potential Meade Swamp on the plan until MW investigation is completed.
 Watercourse	<ul style="list-style-type: none">▶ A draft DSS is being finalised by Melbourne Water as a base case.▶ Provide linear passive open spaces and active travel opportunities east of Strathaird Creek along the waterways that connect with the Taylors Creek Corridor.▶ Maintain and improve habitat links along waterways to Merri Creek.▶ Opportunity to redesign waterways to reduce erosion, increase community value and create potential biodiversity links.▶ Opportunity exists for a future waterway from outfalls (south of Taylors Lane).



BOOSTING THE COMMUNITY

Drawing Key	Comments Received / Description
 Heritage Inventory Site	<ul style="list-style-type: none">▶ Elements of early post-contact heritage on the site, including Inverloch Castle Hotel and Cobb and Co Staging Post.
Other	<ul style="list-style-type: none">▶ Include utility services such as high-pressure pipelines, high voltage transmission lines and other servicing infrastructure.▶ Include non-government schools.▶ Retain existing dam on the chicken farm (south of Darraweit Road) for water retention purposes.

ACTIVITY #2 - ACTIVE AND ATTRACTIVE CONNECTIONS MAPPING

The aim of Activity #2 - Active and Attractive Connections Mapping was to review and validate (via sticky notes and the pen tool) key amenity and landscaping connections/links within the Wallan South PSP as shown in the drawing key (refer to Table 2 below).

KEY QUESTIONS

participants were asked to consider (but not limited to):

- ▶ What does this layer mean/look like?
- ▶ How can this feature be captured in the PSP document?
- ▶ How can its alignment/location be improved?

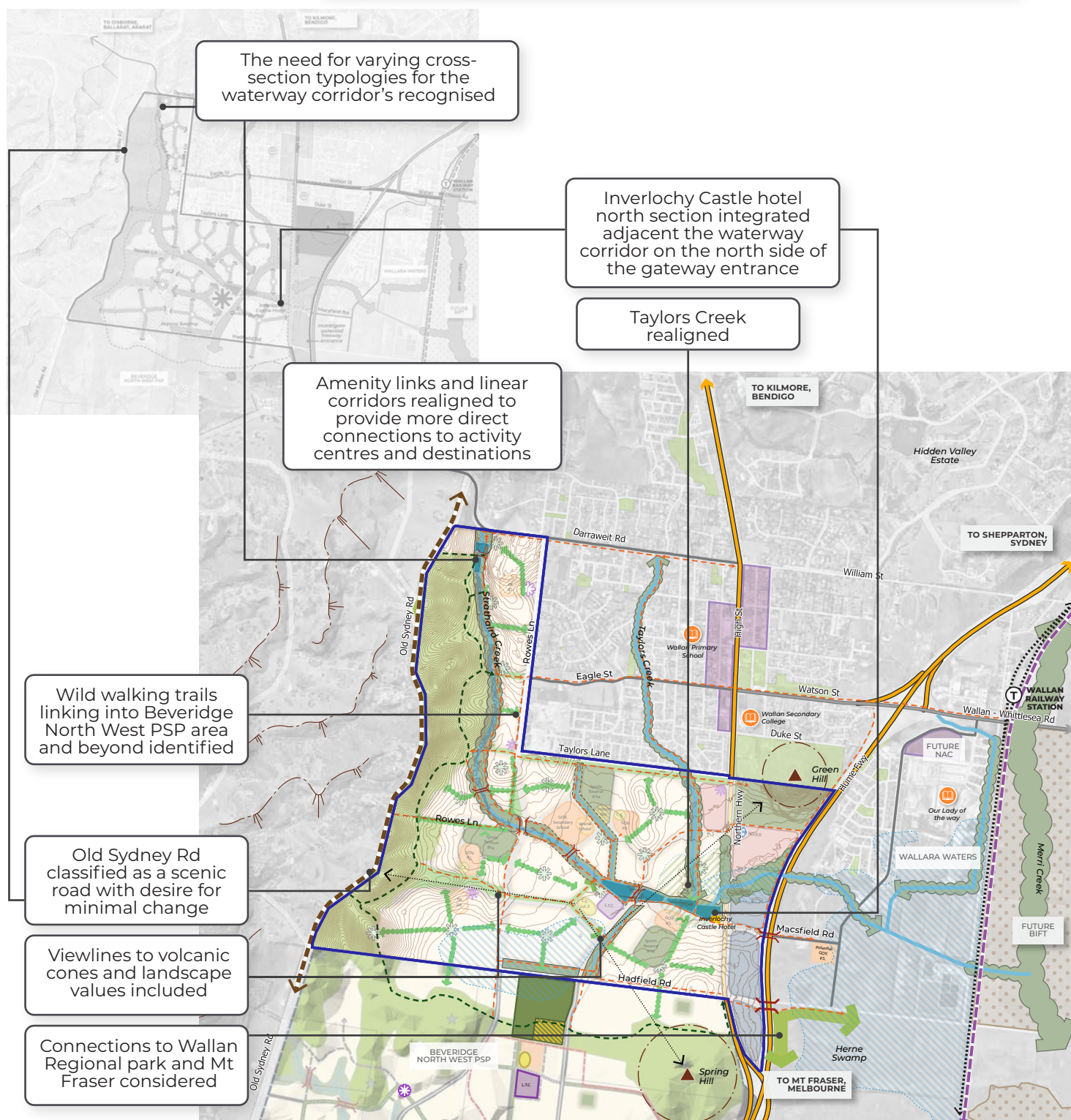


Figure 5 Updated Active and Attractive Connections Mapping Plan

Table 2 Active and Attractive Connections Mapping Drawing Key + Summary of Comments Received

MAXIMISING VALUES FROM WATER AND LANDSCAPE

Drawing Key	Comments Received / Description
 Rewild Drainage Corridor	<ul style="list-style-type: none"> Enhance and re-establish native vegetation and habitat along this section of waterway. MW supportive of roads along waterways. Recognise that existing vegetation and erosion potential are to be managed along Strathaird Creek which will determine the width of waterways. Utilise Taylors Creek as a key north-south link into Wallan.
 Urbanised Drainage Corridor	<ul style="list-style-type: none"> Opportunity to re-imagine the waterway to incorporate the adjacent amenity and development. Provide a continuous green link to Beveridge North West schools that is functional and safe.
 Investigate Standing Waterbodies	<ul style="list-style-type: none"> Size of waterbodies to be determined through technical report. Opportunity to utilise waterbodies for stormwater harvesting and as a key amenity feature for future shops. Concerns regarding discharge rates across the Northern Highway. Urban response to incorporate and leverage off water assets.
 Landscape Values	<ul style="list-style-type: none"> Conservation areas protecting and enhancing existing biodiversity values. Rowes Lane trees highly unique and should be utilised as pedestrian link. Potential opportunity for a 'lookout' point as a key destination.
 Viewlines	<ul style="list-style-type: none"> Views to volcanic cones or the western landscape hills to be incorporated into street and open space design.

CONNECTING PEOPLE TO PLACES

Drawing Key	Comments Received / Description
 Linear Reserves	<ul style="list-style-type: none"> Incorporate continuous connections with dedicated walking and cycling paths that cater for a variety of users within the community. Consider well landscaped streets/boulevards rather than dedicated open space (e.g. rear access). Ensure PSP cross-sections detail the width of linear open spaces and how it will be developed.
 'Wild' Walking Trail	<ul style="list-style-type: none"> Provide an integrated 'loop' walking trail around the Wallan South PSP to enhance connections with nature. Incorporate Aboriginal Cultural Heritage Values.



Active walking and cycling network

- Create continuous east-west link (walking and cycling) from the Local Town Centre to Greenhill Reserve and to Wallan Train Station.
- Investigate pedestrian/ cycling connections into Wallan Regional Park and Hernes Swamp.
- Consider electric bike library.





BOOSTING THE COMMUNITY

Drawing Key	Comments Received / Description
 Regional Sports/ Park	<ul style="list-style-type: none"> Expansion of Greenhill Reserve with additional sporting facilities. Ensure additional active recreation opportunities are not associated with Greenhill Reserve.
 Inverloch Castle Hotel and Cobb&Co Staging Post	<ul style="list-style-type: none"> Incorporate heritage buildings into public space and neighbourhood gateway experience. Opportunity to restore the Inverloch Castle Hotel into an education facility and/or sales office. Retain the bluestone wall of the Inverloch Castle Hotel.



CREATING DIVERSE 20-MINUTE NEIGHBOURHOODS

Drawing Key	Comments Received / Description
 Amenity Links	<ul style="list-style-type: none"> Streets or open space connections providing increased tree canopy and walkability. Include canopy trees and streetscapes in PSP cross-sections. Utilise amenity links to create liveability and recreation. Realign amenity links with natural features and topography. Strengthen pedestrian/ cycling connections to Beveridge North West. Integrate open spaces (i.e. small parks within 200m) that is connected through green/ safe streets to larger parks and landscape areas. Include vegetation that is resilient to climate change.
 Other Neighbourhood Destinations	<ul style="list-style-type: none"> Opportunity for discrete alternative uses such as parks, playgrounds or childcare which create a destination within the neighbourhood.
Other	<ul style="list-style-type: none"> Explore the natural values of Hanna Swamp and integration within the future urban landscape. Include connection to Mt Fraser and potential Mt Fraser Railway Station.

ACTIVITY #3 - TIMELY TRANSPORT CONNECTIONS MAPPING

The aim of Activity #3 - *Timely Transport Connections Mapping* was to review and validate (via sticky notes and the pen tool) key transport connections/links within the Wallan South PSP as shown in the drawing key (refer to Table 3 below).

KEY QUESTIONS

participants were asked to consider (but not limited to):

- ▶ What does this layer mean/look like?
- ▶ How can this feature be captured in the PSP document?
- ▶ How can its alignment/location be improved?

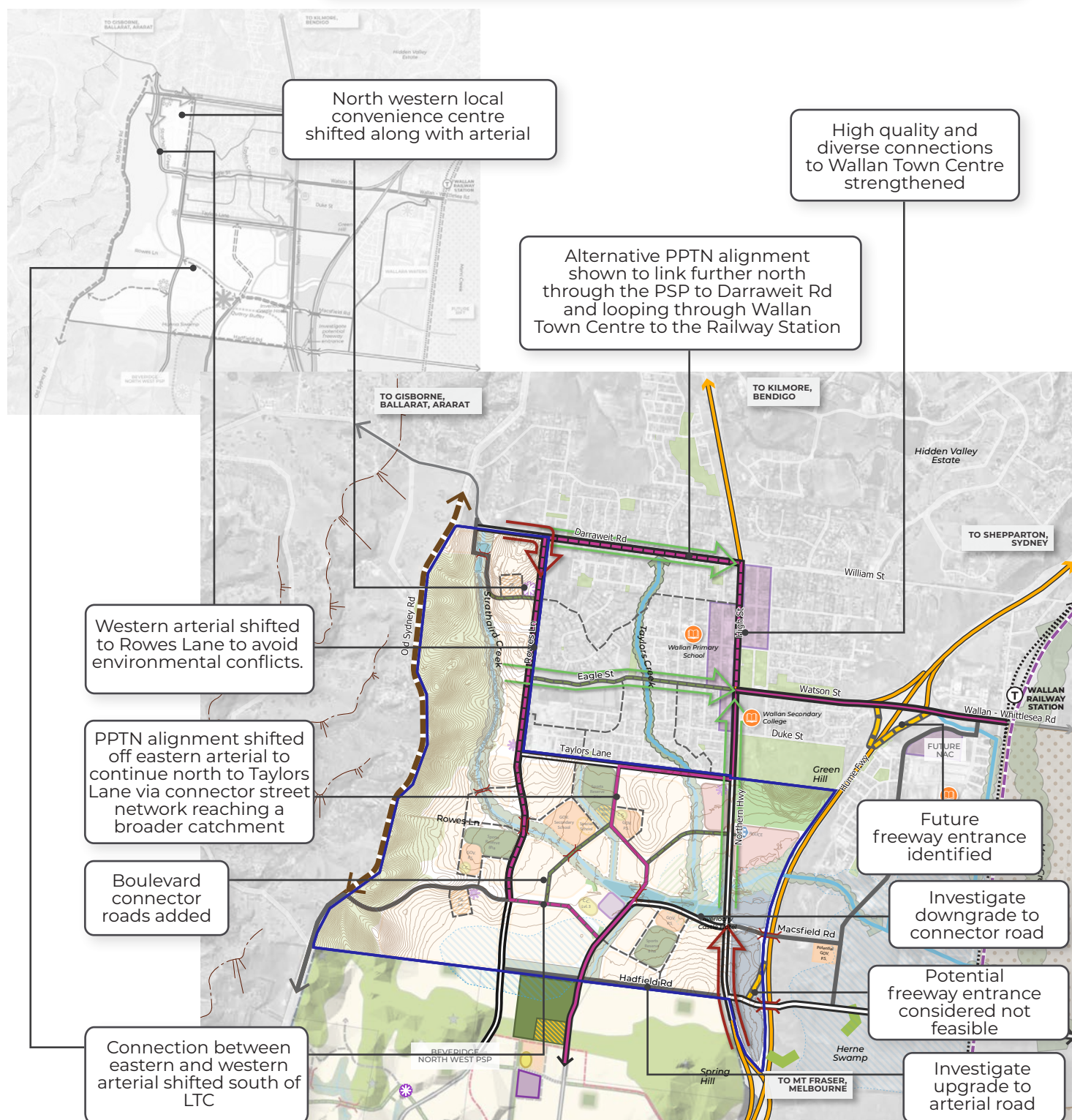


Figure 6 Timely Transport Connections Mapping Plan

Table 3 Timely Transport Connections Mapping Drawing Key + Summary of Comments Received

COMPLETING THE FUTURE CITY OF WALLAN		CONNECTING PEOPLE TO PLACES	
Drawing Key	Comments Received / Description	Drawing Key	Comments Received / Description
 Enhance Wallan Township Gateways	<ul style="list-style-type: none"> ▶ Connections should contribute to a sense of arrival to this exciting new community ▶ Identify the corner of Hadfield Road and Northern Highway as a key gateway. ▶ Incorporate landscaping and public art for a sensitive transition from rural to urban environment. 	 Arterial Road	<ul style="list-style-type: none"> ▶ Incorporate continuous connections with dedicated walking and cycling paths that cater for a variety of users within the community. ▶ Ensure PSP cross-sections detail the width of roads and how it will be developed. ▶ Integrate Hadfield Road with existing and future neighbourhood configuration.
 Connect to Wallan Town Centre	<ul style="list-style-type: none"> ▶ Ensure strong connections are provided back to Wallan Town Centre as it continues to provide high-level services. ▶ Importance of active transport connections to Wallan Town Centre 	 Connector Roads	<ul style="list-style-type: none"> ▶ Provide important vehicular and active transport connections between neighbourhoods. ▶ Integrate 'green' shared streets (such as boulevards) for pedestrians and cyclists. ▶ Include slope responsive design.
 Freeway Overpass	<ul style="list-style-type: none"> ▶ Investigate Hadfield Road, Northern Highway / Hume Freeway intersection connection design. 	 Scenic Road - Old Sydney Road	<ul style="list-style-type: none"> ▶ Retain the majority of Old Sydney Road as a key scenic route within minimal upgrades to improve safety.
 Freeway/Highway	<ul style="list-style-type: none"> ▶ Land acquisition to straighten the Macsfield Road alignment. ▶ Improve east-west access across and onto the Hume Freeway and Northern Highway without compromising traffic flow. 	 Key Local Road Connections	<ul style="list-style-type: none"> ▶ These are existing roads within Wallan that provide connection into the existing neighbourhoods.
 Principle Public Transport Network (PPTN)	<ul style="list-style-type: none"> ▶ This connection provides space for dedicated public transport such as trackless or high frequency buses. ▶ PPTN to be a high capacity route containing less stops, with feeder routes coming off. ▶ PPTN to continue north to Taylors Lane along Rowes Lane (to service the western area of the PSP) to Wallan Railway Station and Local Town Centre to serve a wider catchment. ▶ Concerns regarding PPTN along Northern Highway. ▶ Stage the delivery of PPTN to allow for emerging technologies. ▶ Alternative transport options will alleviate traffic volumes. 	<div>Other</div> <ul style="list-style-type: none"> ▶ Provide appropriate intersection distances. ▶ Enable positive movement and mobility in and around the Wallan South PSP and where possible, include placemaking initiatives. ▶ Provide electric vehicle charging points at the Local Town Centre. 	
 Alternative PPTN alignment	<ul style="list-style-type: none"> ▶ This alternative was desired by the workshop groups and will be further investigated. 		
 Railway			
 Railway Station	<ul style="list-style-type: none"> ▶ Provide active transport options and links to Wallan Railway Station. 		
 Future Fast Rail Station	<ul style="list-style-type: none"> ▶ Ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation 		

ACTIVITY #4 - LAND USE MAPPING/ANALYSIS

The aim of *Activity #4 – Land Use Mapping* was to spatially locate and review key land uses including government and non-government schools, community centres, sports reserves, town centres, residential, mixed uses and employment land uses on the Wallan South PSP plan.

The activity was organised into three steps as follows:

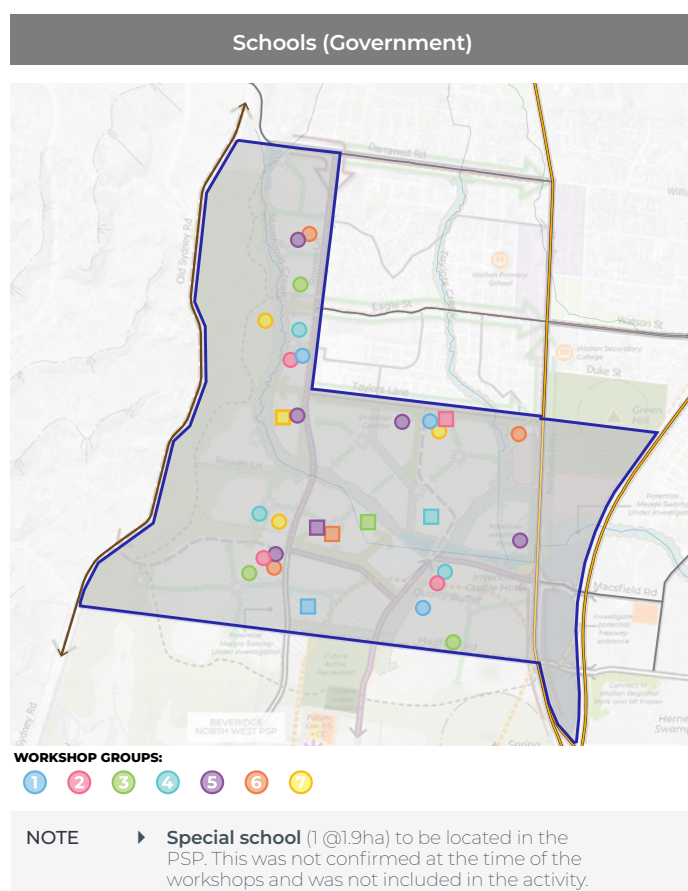
- **Step 1** – To discuss and locate Government and Non-Government Primary and Secondary education facilities, Community Centres and Sports Reserves on the Wallan South PSP plan. Participants also had the option to locate 'other land uses' including universities, TAFE, special schools and hospitals. Of note, general design principles were noted on the MURAL to provide guidance on where key elements should be placed on the plan. These principles were also open for discussion and comment.

Schools, Community Centres, Sports Reserves and Town Centres

The plans below illustrate the placement of schools (Government and Non-Government), Community Centres, Sports Reserves and Town Centres for each of the seven (7) workshop groups with a corresponding summary of comments and key design principles.

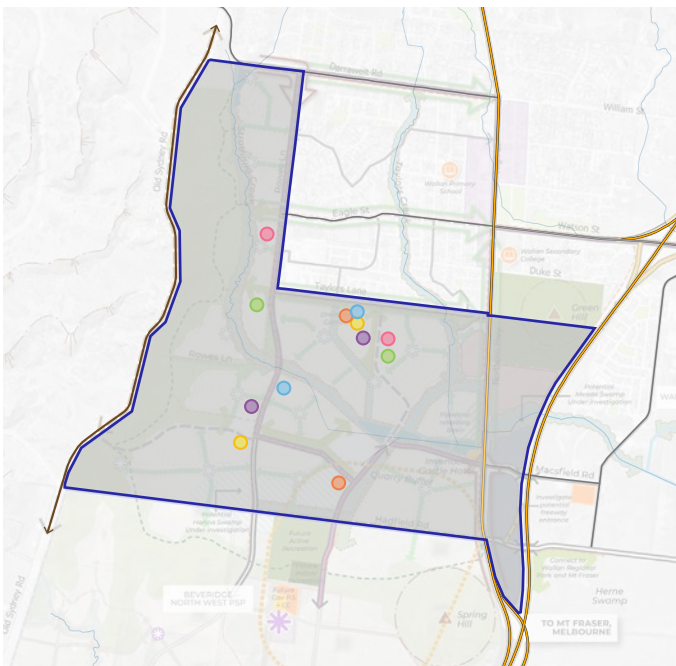
- **Step 2** – To review the location of Town Centres, Mixed Use, and Employment land uses on the Wallan South PSP plan.
- **Step 3** – To draw (using the pen tool on MURAL) and discuss residential development typologies and densities within Wallan South PSP plan. Residential densities include:
 - High Density
 - Medium Density
 - Standard Residential
 - Low Density

Information from this activity informed the preparation of the concept place-based plan.



Drawing Key Symbol	Type	Potential Amount	
		Number	Size
○	Government Schools (Primary)	3	3.5ha (each)
□	Government Schools (Secondary)	1	8.4ha
Design Element	Key Design Principles - Comments Received		
Road Access	<ul style="list-style-type: none"> ► Not located on Arterial Roads ► Must be located on Connector Roads ► Public transport access (especially for secondary schools) ► At least 3 road frontages 		
Co-located with other uses	<ul style="list-style-type: none"> ► Preferred located with sports reserves ► Have good visual and physical links to town centres ► Co-located with a Community Centre 		
Landscape Conditions	<ul style="list-style-type: none"> ► Must be located on relatively flat land ► Not located on land with flooding overlays ► Relationship to biodiversity areas for education opportunities. 		

Schools (Non-Government)

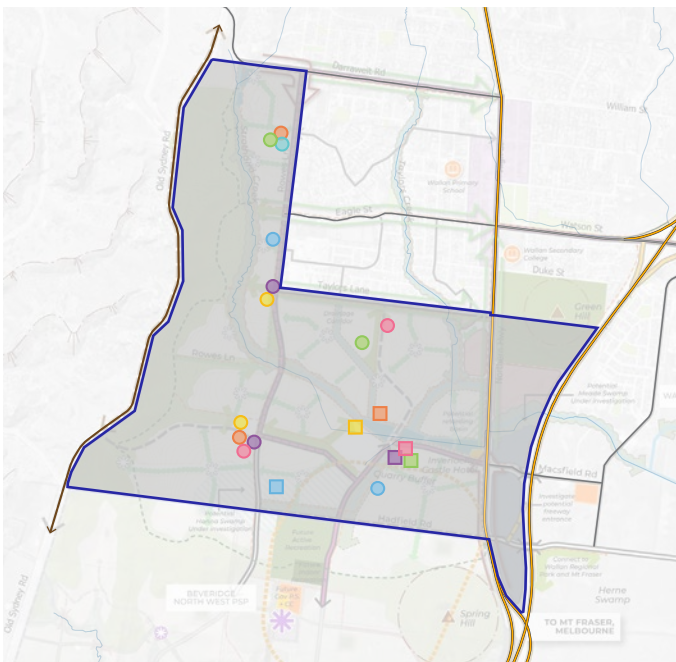


WORKSHOP GROUPS:



Drawing Key Symbol	Type	Potential Amount	
		Number	Size
	Non-government Schools	2	3ha (each)
Design Element	Key Design Principles - Comments Received		
Road Access	<ul style="list-style-type: none"> Located on Connector Roads Public transport access 		
Co-located with other uses	<ul style="list-style-type: none"> Located near Local Town Centre Within a walkable catchment to community facilities 		
Landscape Conditions	<ul style="list-style-type: none"> Preferred on flat land Relationship to biodiversity areas for education opportunities 		
Other	<ul style="list-style-type: none"> Evenly space out non-government schools 		

Community Centres

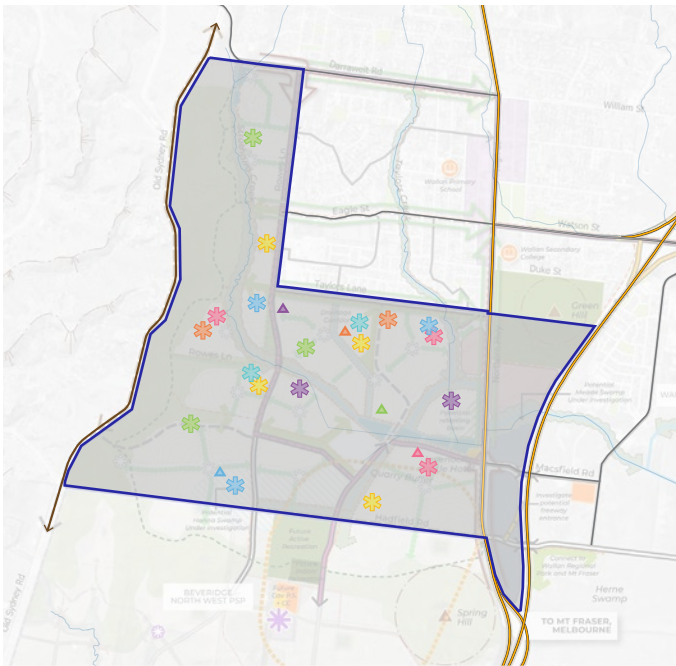


WORKSHOP GROUPS:



Drawing Key Symbol	Type	Potential Amount	
		Number	Size
	Level 1 Community Centre	2	0.8ha (each)
	Level 3 Community Centre (inc library)	1	2ha
Design Element	Key Design Principles - Comments Received		
Road Access	<ul style="list-style-type: none"> Not located on arterial roads Must be located along connector roads Within proximity to Public Transport 		
Co-located with other uses	<ul style="list-style-type: none"> Within a walkable catchment from town centres preferred Co-located with government schools 		
Landscape Conditions	<ul style="list-style-type: none"> Preferred on flat land 		

Sports Reserves

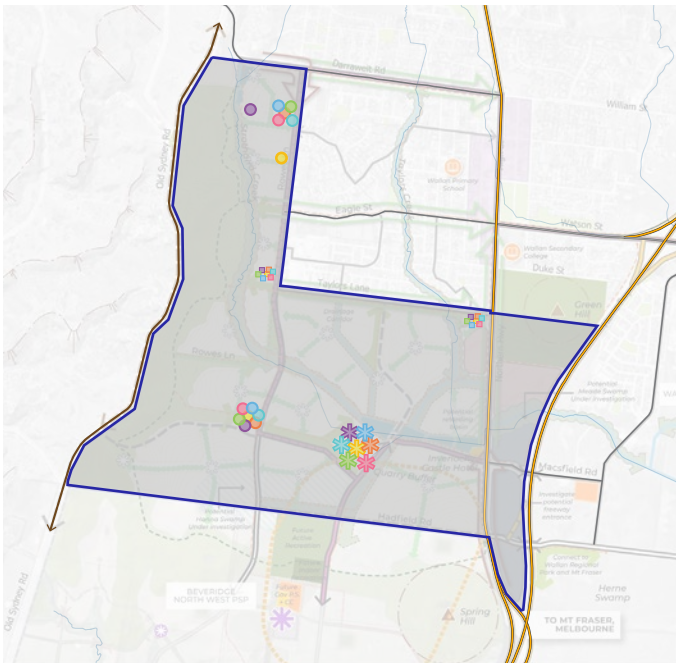


WORKSHOP GROUPS:



Drawing Key Symbol	Type	Potential Amount	
		Number	Size
	Sports Reserves	3	8ha (each)
	Indoor Recreation Facility	1	2.1ha
Design Element	Key Design Principles - Comments Received		
Road Access	<ul style="list-style-type: none"> Located along Connector Roads or Arterial Roads Within proximity to Public Transport 		
Co-located with other uses	<ul style="list-style-type: none"> Co-located with government schools and/or community centres Linkages with other open spaces 		
Landscape Conditions	<ul style="list-style-type: none"> Must be located on flat land Incorporate the natural features of the existing landscape Located near waterbodies/waterways for stormwater harvesting opportunities 		
Other	<ul style="list-style-type: none"> Within an 800m safe walkable distance of each dwelling Ensure access to Class A recycled water 		

Town Centres



WORKSHOP GROUPS:



Drawing Key Symbol	Type	Potential Amount	
		Number	Size
	Local Town Centre	1	NA
	Local Convenience Centre	2 (Revised to 1)	NA
	Investigate retail opportunities	2 (Revised to 3)	NA
Design Element	Key Design Principles - Comments Received		
Road Access	<ul style="list-style-type: none"> Must be located on Connector Roads or Arterial Roads Direct access to Public Transport 		
Co-located with other uses	<ul style="list-style-type: none"> Have good visual and physical links to Government schools and/or community centres Links to open spaces 		
Landscape Conditions	<ul style="list-style-type: none"> Preferred on flat land 		

NOTE

- In relation to the placement of town centres, participants generally agreed to the location of the Local Town Centre (LTC), Local Convenience Centre (LCC) and retail nodes. Participants noted that the placements were spaced out evenly, easily accessible and close to public transport.

Residential, Employment and Mixed-Use Land Uses

There was consensus between all groups to locate higher density housing (i.e. high and medium density) around the Local Town Centre, open spaces, along arterial roads, public transport routes and close to amenity offerings such as local convenience centres and retail nodes.

Notably, standard and low-density housing were identified along the western portion of Wallan South near the conservation areas. The potential locations of employment and mixed-use land uses were generally well received.

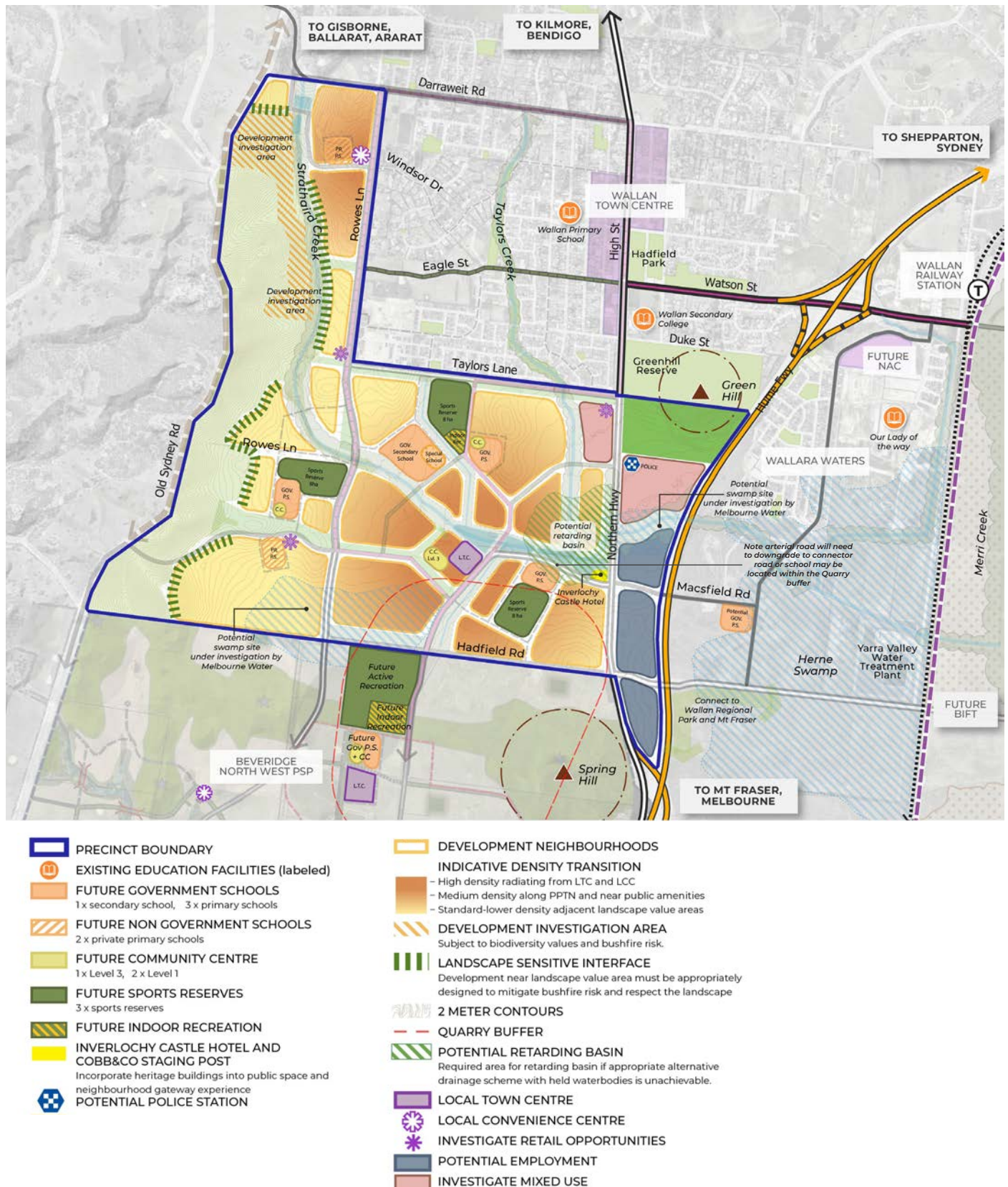


Figure 7 Land Use Mapping Plan – Residential, Employment, Activity Centres and Mixed-Use Land Uses

CONCEPTUAL PLACE-BASED PLAN

The **Conceptual Place-Based Plan** synthesises key issues and opportunities as well as comments received from the four (4) activities.

It represents the direction for the Wallan South PSP area and key elements that it should contain following the next phase, agency endorsement and public consultation.

It is important to note that **this plan does not show these elements with any finality.**

Figure 8 Conceptual Place-Based Plan – Wallan South PSP (see next page)

-  **PRECINCT BOUNDARY**
-  **PROPERTY BOUNDARY**
-  **ENHANCE WALLAN TOWNSHIP GATEWAYS**
 - Connections should contribute to a sense of arrival to this exciting new community
-  **CONNECT TO WALLAN TOWN CENTRE**
 - Ensure strong connections are provided back to Wallan Town Centre as it continues to provide high-level services
-  **FREEWAY**
 - Improve access across, and onto, the Freeway and Northern Highway where possible without compromising traffic flow
-  **FUTURE FREEWAY ACCESS**
-  **PRINCIPLE PUBLIC TRANSPORT NETWORK (PPTN)**
 - This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
-  **ALTERNATE PPTN**
 - This alternate alignment was desired by the workshop groups and will be further investigated.
-  **RAILWAY**
-  **WALLAN RAILWAY STATION**
-  **FUTURE FAST RAIL CONNECTION**
-  **QUARRY BUFFER**

-  **WILD WALKING TRAIL**
Unsealed recreation walking trails through the hillside
-  **ACTIVE WALKING AND CYCLING NETWORK**
Sealed transit based walking and cycle network.
Separation of cycle and walking to be detailed later.
-  **LINEAR OPEN SPACE**
Open space connections with dedicated walking and cycling
-  **SCENIC ROAD - OLD SYDNEY ROAD**
This road exists as a unsealed road surrounded by vegetation.
Minimal change to this section of Old Sydney Rd is desired.
-  **ARTERIAL**
-  **CONNECTOR**
-  **BOULEVARD CONNECTOR**
-  **KEY LOCAL ROAD CONNECTIONS**
-  **INDICATIVE BRIDGES**

- 
2 METER CONTOURS
POTENTIAL RETARDING BASIN
 Required area for retarding basin if appropriate alternative drainage scheme with held water bodies is unachievable.
 - 
RE-WILD DRAINAGE CORRIDOR
 Enhance and re-establish native vegetation and habitat along this section of waterway.
 - 
URBANISED DRAINAGE CORRIDOR
 Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - 
INVESTIGATE HELD WATER BODIES
 Amenity feature for shops and community facilities. Opportunity to use for storm-water harvesting.
 - 
LANDSCAPE VALUES
 Conservation areas protecting existing biodiversity values.
 - 
POTENTIAL HANNA, MEADE & HERNE SWAMP
 Site significance values under investigation.
 - 
VOLCANIC LANDFORMS
 Views of volcanic cones to be incorporated into street alignment
 - 
INCORPORATE VIEW-LINES

-  LOCAL TOWN CENTRE
 -  LOCAL CONVENIENCE CENTRE
 -  INVESTIGATE RETAIL OPPORTUNITIES
 -  POTENTIAL EMPLOYMENT
 -  INVESTIGATE MIXED USE
 -  BEVERIDGE INTER-MODAL FREIGHT TERMINAL
- Investigate BIFF complimentary businesses

- EXISTING EDUCATION FACILITIES (labeled)**
-  **FUTURE GOVERNMENT SCHOOLS**
1 x secondary school, 3 x primary schools
 -  **FUTURE NON GOVERNMENT SCHOOLS**
2 x private primary schools
 -  **FUTURE SPECIAL SCHOOL**
 -  **FUTURE COMMUNITY CENTRE**
1 x Level 3, 2 x Level 1
 -  **FUTURE SPORTS RESERVES**
3 x sports reserves
 -  **FUTURE INDOOR RECREATION**
 -  **INVERLOCHY CASTLE HOTEL AND COBB&CO STAGING POST**
Incorporate heritage buildings into public space and neighbourhood gateway experience
 -  **POTENTIAL POLICE STATION**

-  **DEVELOPMENT NEIGHBOURHOODS**
-  **DEVELOPMENT INVESTIGATION AREA**
Subject to biodiversity values and bushfire risk.
-  **NEIGHBOURHOOD DESTINATIONS**
Opportunity for parks, playgrounds, childcare or other uses which create a destination within the neighbourhood.
-  **LINEAR RESERVES**
Open space connections with dedicated walking and cycling
-  **AMENITY LINKS**
Streets or open space connections providing enhanced tree canopy and walkability.



CONCEPT PURPOSES ONLY
THE PLACE-BASED CONCEPT PLAN IS A REPRESENTATION OF CO-DESIGN WORKSHOPS AND IS SUBJECT TO SUBSTANTIAL REVIEW AND CHANGE. USE AREAS AND ALIGNMENTS ARE INDICATIVE ONLY AND SHOULD NOT BE USED FOR LAND CALCULATIONS



NEXT STEPS

The **Conceptual Place-Based Plan** is currently undergoing agency consultation and endorsement, before proceeding to a public consultation process, where stakeholders will be given a further opportunity to respond in detail to the plan.

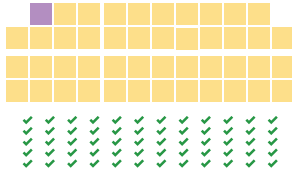
Further information in relation to the preparation and process for the Planning Scheme Amendment and public consultation of the documentation will be provided in due course.

APPENDIX 1.

MURAL PDF EXPORTS – WORKSHOP #1

INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONSTRAINTS** map:
- How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallan South 'vision'?
 - What should the detailed reports pay close attention to?
- Step 3** Draw what you think the constraints should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



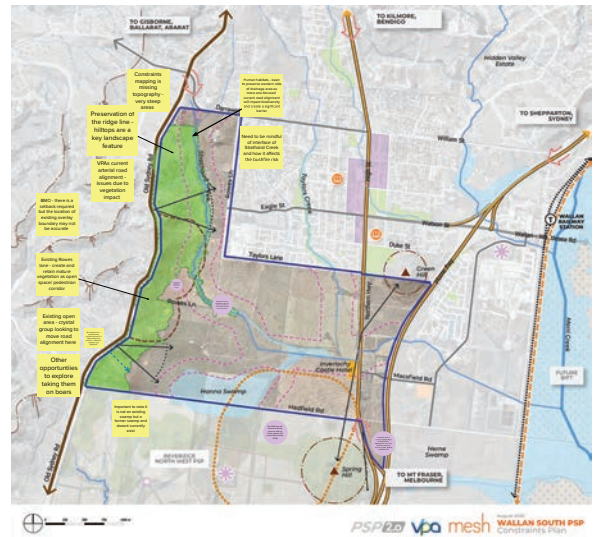
DRAWING KEY

WALLAN SOUTH PSP BOUNDARY

- CONSTRAINTS**
- BIODIVERSITY VALUES**
- Randomly assessed of retention value including presence of Golden Sun moth habitat and native vegetation within the PSP.
 - BUSHFIRE MANAGEMENT OVERLAY**
 - EXTRACTIVE INDUSTRY SOOM BUFFER**
- Depending on the outcome of the Beveridge North West PSP the quarry may require a buffer area within the Wallan South PSP and impact on mapping of development within this area.
 - AREA OF CULTURAL SENSITIVITY**
- Irreversible areas of cultural significance will be associated with the site, the volcanic cone, and steep areas to the west of the site.
- A cultural values assessment is being developed in connection with the Warrumbidgee.
 - HERITAGE INVENTORY SITE**
- Elements of early settler contact heritage on the site, including the early Cobb and Co and the Old Sydney Road.
 - 1 IN 100 YEAR FLOOD EXTENT WATERCOURSE**
- A draft OIS is being finalised by Melbourne Water as a base case.
- Sodic soils exist in the northern growth corridor which can have an impact on waterway health and can erode waterways if not designed and managed correctly.
 - FREEWAY/HIGHWAY**
- Existing congestion along northern way.
- Construction access into the 'wedge' between the northern way and the Hume Freeway. Access to the site will need to be provided from the adjacent highway and freeway to make development viable.
 - CONNECTOR ROADS**
- Old Sydney Road is constructed to a rural standard and is significantly degraded with low passive surveillance.
- Downes Ln and Downes Rd intersection consider unsafe due to the size of the intersection.
- Downes Ln contains a significant street of trees.
 - CONTRACTOR ROADS**
- Downes Ln and Downes Rd intersection consider unsafe due to the size of the intersection.
- CONTEXT**
- WALLAN TOWN CENTRE
 - 2m CONTOURS
 - REDLINE
 - GATEWAYS
 - HIGH POINT
 - VIEWLINES
 - LOCAL TOWN CENTRE
 - LOCAL CONVENIENCE CENTRE
 - FUTURE HIGHWAY/INTERSTATE
 - EXISTING EDUCATION FACILITIES
 - FUTURE EDUCATION FACILITIES
 - PUBLIC OPEN SPACE
 - RAIL CONNECTION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

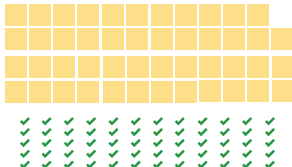
Activity #1
Constraints Mapping

(35mins)



INSTRUCTIONS

- Step 1** Review the connections map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

ACTIVE + ATTRACTIVE CONNECTIONS

- REWILD DRAINAGE CORRIDOR**
- Enhance and re-establish native vegetation and habitat along this section of waterway.
- URBANISED DRAINAGE CORRIDOR**
- Opportunity to re-engineer the waterway to incorporate it into the adjacent amenity and development.
- INVESTIGATE STANDING WATER BODIES**
- Amenity feature for shops and community facilities.
- Opportunity to use for stormwater harvesting.
- LINEAR RESERVES**
- Open space connections with dedicated walking and cycling.
- AMENITY LINKS**
- Streets or open space connections providing increased tree canopy and walkability.
- LANDSCAPE VALUES**
- Conservation areas protecting existing biodiversity values.
- REGIONAL SPORTS/PARK**
- Expansion of Central Fields with additional sporting facilities.
- Opportunity to reconfigure reserve if a improved outcome is found.
- INVERLOUGH CASTLE HOTEL AND CORRBICO STAGING POST**
- Incorporate heritage buildings into public space and neighbourhood gateway experience.
- OTHER NEIGHBOURHOOD DESTINATIONS**
- Opportunity for discrete alternative uses such as parks, playgrounds or childcare which create a destination within the neighbourhood.

LAND USE

To be discussed at next workshop in detail

- DEVELOPABLE AREA
- WALLAN TOWN CENTRE
- LOCAL TOWN CENTRE
- POTENTIAL LOCAL CONVENIENCE CENTRE
- INVESTIGATE RETAIL OPPORTUNITIES
- EXISTING LOW EDUCATION FACILITIES
- POTENTIAL EMPLOYMENT
- INVESTIGATE MIXED USE

OTHER

- WALLAN SOUTH PSP BOUNDARY
- 2m CONTOURS
- MODIFIED WATERCOURSE
- ADJACENT CATCHMENTS
- WALLAN DAMSP

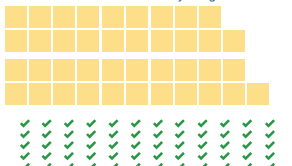
(Development significance under investigation)

Activity #3
Timely Transport Connections Mapping B

(35mins)

INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

MOVEMENT

- ENHANCE WALLAN TOWNSHIP GATEWAYS**
- Connections should include a series of arrival to this exciting new community.
- CONNECT TO WALLAN TOWN CENTRE**
- Ensure connections are provided back to Wallan Town Centre as it continues to provide high-level services.
- FREEWAY OVERPASS**
- Improve access across and onto the freeway and highway where possible without compromising traffic flow.
- ARTERIAL ROAD**
- Possible important district and regional vehicular connections around neighbourhoods and between PSPs.
- ALTERNATE ARTERIAL ROADS**
- These are possible alignments previously discussed which need to be resolved in this workshop.
- CONNECTOR ROADS**
- Provide important vehicular and active transport connections between neighbourhoods.
- OLD SYDNEY ROAD - TBC**
- This road exists as a unimproved road surrounded by the future role of Sydney Road is up for discussion.
- KEY LOCAL ROAD CONNECTIONS**
- These are existing roads within Wallan that provide connection between the existing neighbourhoods.
- DEDICATED PUBLIC TRANSPORT**
- This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
- RAILWAY STATION**
- FUTURE FAST RAIL CONNECTION**
- It is important to ensure the PSP is well connected to the existing rail network through multiple forms of transportation.

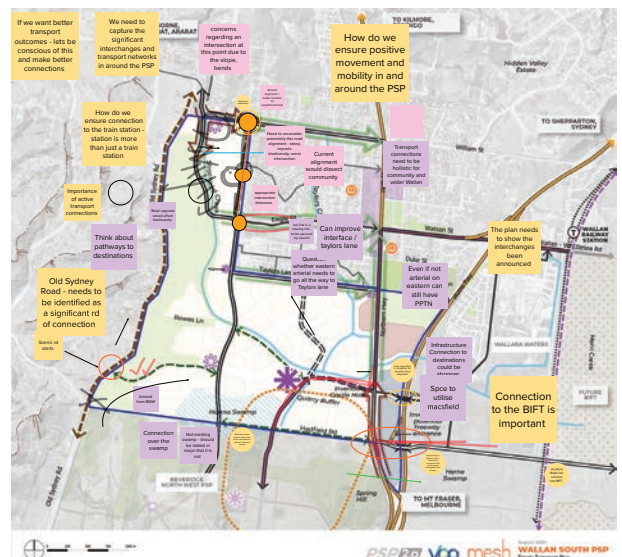
LAND USE

To be discussed at next workshop in detail

- DEVELOPABLE AREA
- WALLAN TOWN CENTRE
- LOCAL TOWN CENTRE
- POTENTIAL LOCAL CONVENIENCE CENTRE
- INVESTIGATE RETAIL OPPORTUNITIES
- EXISTING LOW EDUCATION FACILITIES
- POTENTIAL EMPLOYMENT
- INVESTIGATE MIXED USE

OTHER

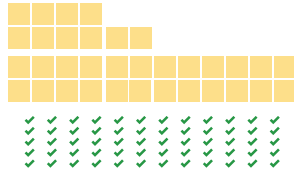
- WALLAN SOUTH PSP BOUNDARY
- 2m CONTOURS
- MODIFIED WATERCOURSE
- ADJACENT CATCHMENTS
- WALLAN DAMSP



GROUP 2

INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONSTRAINTS** map:
- How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallan South 'vision'?
 - What should the detailed reports pay close attention to?
- Step 3** Draw what you think the constraints should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

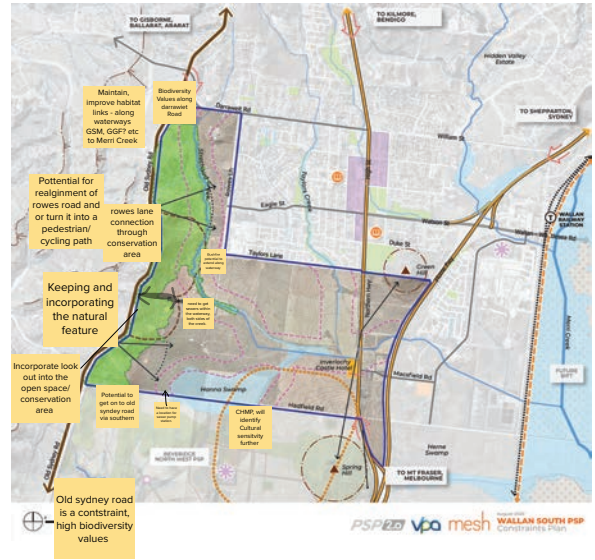
WALLAN SOUTH PSP BOUNDARY

- CONSTRAINTS**
- BIODIVERSITY VALUES**
- Biodiversity values of retention value including presence of Golden Sun Moth habitat and native vegetation within the PSP.
 - BUSHFIRE MANAGEMENT OVERLAY**
 - EXTRACTIVE INDUSTRY SOOM BUFFER**
- Depending on the outcome of the Beveridge North West PSP the quarry may require a buffer area within the Wallan South PSP and impact on mapping of development within this area.
 - AREA OF CULTURAL SENSITIVITY**
- Irreversible areas of cultural significance will be associated with the site, the volcanic cone, and steep areas to the west of the site.
- A cultural values assessment is being developed in response with Wurundjeri.
 - HERITAGE INVENTORY SITE**
- Elements of early post-contact heritage on the site, including the early brick and stone and the site's layout, are being investigated.
 - 1 IN 100 YEAR FLOOD EXTENT**
 - WATERCOURSE**
- A draft OSS is being finalised by Melbourne Water as a base case.
- Sodic soils exist in the northern growth corridor which can have an impact on waterway health and can erode waterways if not designed and managed correctly.
 - FREEWAY/HIGHWAY**
- Existing congestion along northern way.
- Connected access into the 'wedge' between the northern way and the Hume Hwy. Access to the site will need to be provided from the adjacent highway and freeway to make development viable.
 - CONNECTOR ROADS**
- Old Sydney road is constructed to a rural standard and is significantly degraded with low passive surveillance.
- Downes Ln and Downes Rd intersection consider unsafe for the site to the old water via southern.
- Downes Ln contains a steep crest of trees.
 - OLD SYDNEY RD**
- Old Sydney road is constructed to a rural standard and is significantly degraded with low passive surveillance.
- Downes Ln and Downes Rd intersection consider unsafe for the site to the old water via southern.
- Downes Ln contains a steep crest of trees.
- CONTEXT**
- WALLAN TOWN CENTRE
 - 2m CONTOURS
 - REGULINE
 - GATEWAYS
 - HIGH POINT
 - VIEWLINES
 - LOCAL TOWN CENTRE
 - LOCAL CONVENIENCE CENTRE
 - PUBLIC RECREATION/INTEREST
 - EXISTING EDUCATION FACILITIES
 - PUBLIC OPEN SPACE
 - RAIL CONNECTION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

Activity #1

Constraints Mapping

(35mins)



INSTRUCTIONS

- Step 1** Review the connections map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

- ACTIVE + ATTRACTIVE CONNECTIONS**
- REWILD DRAINAGE CORRIDOR**
- Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR**
- Opportunity to re-align the waterway to incorporate it into adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES**
- Amenity feature for shops and community facilities.
- Opportunity to use for stormwater harvesting.
 - LINEAR RESERVES**
- Open space connections with dedicated walking and cycling.
 - AMENITY LINKS**
- Streets or open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES**
- Conservation areas protecting existing biodiversity values.
 - REGIONAL SPORTS/PARK**
- Expansion of Central Reserve with additional sporting facilities.
- Opportunity to reconfigure reserve if a improved outcome is found.
 - INVERLOUGH CASTLE HOTEL AND CORBICO STAGING POST**
- Incorporates heritage buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS**
- Opportunity for discrete alternative uses such as parks, playgrounds or childcare which create a destination within the neighbourhood.
- LAND USE**
- To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - ADJACENT CATCHMENTS
 - WALLAN DAMSP



Activity #3

Timely Transport Connections Mapping B

(35mins)

INSTRUCTIONS

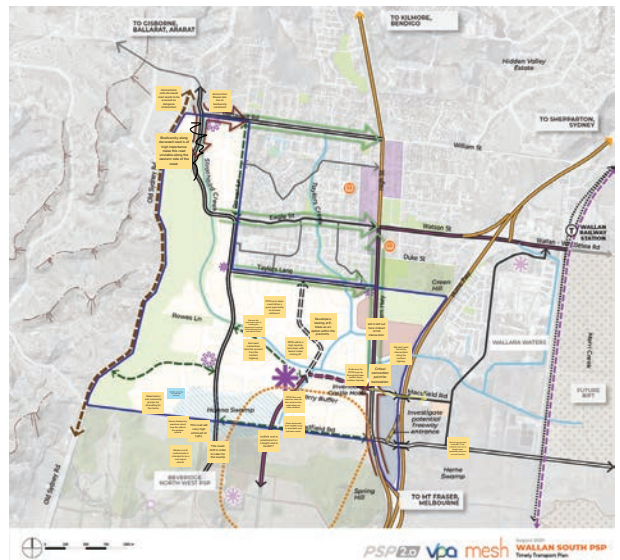
- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

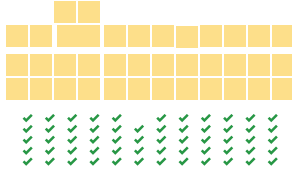
MOVEMENT

- MOVEMENT**
- ENHANCE WALLAN TOWNSHIP GATEWAYS**
- Connections should contribute to a sense of arrival to this exciting new community.
 - CONNECT TO WALLAN TOWN CENTRE**
- Ensure connections are provided back to Wallan Town Centre as it continues to provide high-level services.
 - FREEWAY OVERPASS**
- Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
- Provide important district and regional vehicular connections around neighbourhoods and between PSPs.
 - ALTERNATE ARTERIAL ROADS**
- This are possible alignments previously discussed which need to be resolved in this workshop.
 - CONNECTOR ROADS**
- Provide important vehicular and active transport connections between neighbourhoods.
 - OLD STONEY ROAD - TBC**
- This road exists as a unimproved road surrounded by vegetation.
- The future role of Stoney Road is up for discussion.
 - KEY LOCAL ROAD CONNECTIONS**
- These are existing roads within Wallan that provide connection with the existing neighbourhoods.
 - DEDICATED PUBLIC TRANSPORT**
- This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
 - RAILWAY STATION**
 - FUTURE FAST RAIL CONNECTION**
- It is important to ensure the PSP is well connected to the existing rail corridor through multiple forms of transportation.
- LAND USE**
- To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - ADJACENT CATCHMENTS
 - WALLAN DAMSP

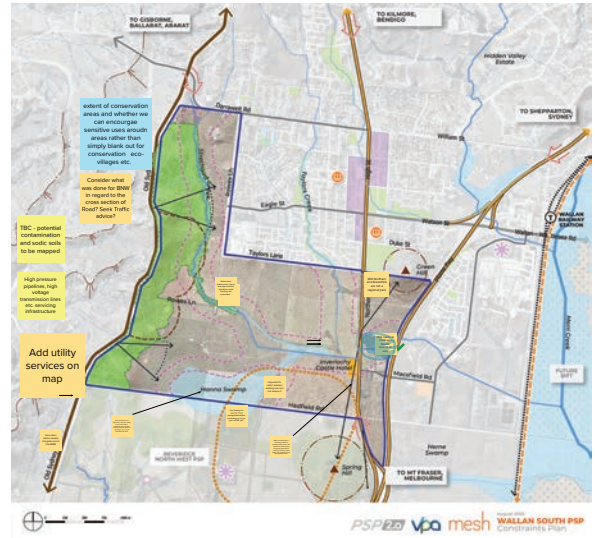


INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONSTRAINTS** map:
- How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallan South 'vision'?
 - What should the detailed reports pay close attention to?
- Step 3** Draw what you think the constraints should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with

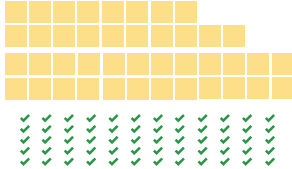
DRAWING KEY
WALLAN SOUTH PSP BOUNDARY

- CONSTRAINTS**
- BIODIVERSITY VALUES**
- Randomly assessed of retention value including presence of Golden Sun Moth habitat and native vegetation within the PSP.
 - BUSHFIRE MANAGEMENT OVERLAY**
 - EXTRACTIVE INDUSTRY SOOM BUFFER**
- Depending on the outcome of the Beveridge North West PSP the quarry may require a buffer area within the Wallan South PSP and impact on mapping of development within this area.
 - AREA OF CULTURAL SENSITIVITY**
- Possible areas of cultural significance will be associated with the site, the volcanic cone, and steep areas to the west of the site.
- A cultural values assessment is being completed in partnership with Wurundjeri.
 - HERITAGE INVENTORY SITE**
- Elements of early post-contact heritage on the site, including the early brick and stone and the stone and stone.
 - 1 IN 100 YEAR FLOOD EXTENT WATERCOURSE**
- A draft DSS is being finalised by Melbourne Water as a base case.
- Sodic soils exist in the northern growth corridor which can have an impact on waterway health and can erode waterways if not designed and managed correctly.
 - FREEWAY/HIGHWAY**
- Existing congestion along northern way.
- Considered access into the 'wedge' between the northern way and the Hume Hwy. Access to the site will need to be provided from the adjacent highway and freeway to make development viable.
 - CONNECTOR ROADS**
- Old Sydney Rd is constructed to a rural standard and is significantly degraded with low passive surveillance.
- Down L and Downwood Rd intersection consider unsafe for the site.
- Down L contains a lot of trees.
 - OLD SYDNEY RD**
- Old Sydney Rd is constructed to a rural standard and is significantly degraded with low passive surveillance.
 - CONNECTOR ROADS**
- Down L and Downwood Rd intersection consider unsafe for the site.
- Down L contains a lot of trees.
- CONTEXT**
- WALLAN TOWN CENTRE
 - 3m CONTIGUOUS
 - REDLINE
 - GATEWAYS
 - HIGH POINT
 - VIEWLINES
 - LOCAL TOWN CENTRE
 - LOCAL CONVENIENCE CENTRE
 - PUBLIC OPEN SPACE
 - EXISTING EDUCATION FACILITIES
 - PUBLIC OPEN SPACE
 - RAIL CONNECTION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

Activity #1
Constraints Mapping
(35mins)

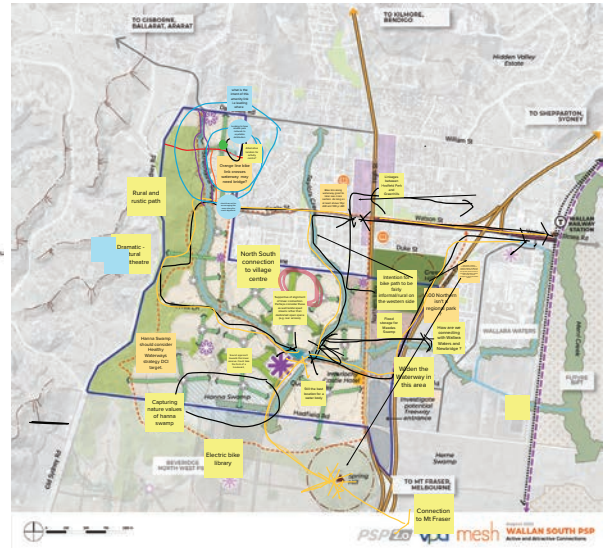
INSTRUCTIONS

- Step 1** Review the connections map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



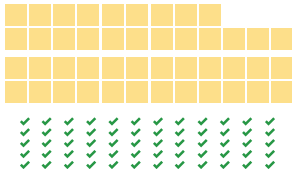
DRAWING KEY

- ACTIVE + ATTRACTIVE CONNECTIONS**
- REWILD DRAINAGE CORRIDOR**
- Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR**
- Opportunity to re-align the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES**
- Amenity feature for shops and community facilities.
- Opportunity to use for stormwater harvesting.
 - LINEAR RESERVES**
- Open space connections with dedicated walking and cycling.
 - AMENITY LINKS**
- Streets or open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES**
- Conservation areas protecting existing biodiversity values.
 - REGIONAL SPORTS/PARK**
- Opportunity to reconfigure reserve if a improved outcome is found.
 - INVESTIGATE CASTLE HOTEL AND CORBICO STAGING POST**
- Incorporate heritage buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS**
- Opportunity for discrete alternative uses such as parks, playgrounds or childcare which create a destination within the neighbourhood.
- LAND USE**
- To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 3m CONTIGUOUS
 - MODIFIED WATERCOURSE
 - ADJACENT CATCHMENTS
 - RAILWAY STATION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

Activity #2
Active and Attractive Connections Mapping A
(35mins)

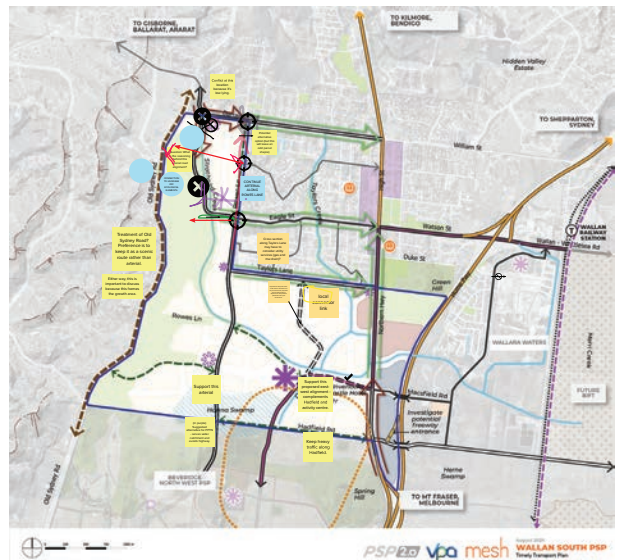
INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



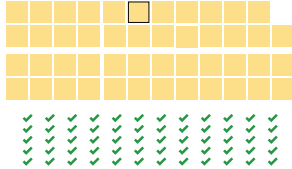
DRAWING KEY

- MOVEMENT**
- ENHANCE WALLAN TOWNSHIP GATEWAYS**
- Connections should contribute to a sense of arrival to this exciting new community.
 - CONNECT TO WALLAN TOWN CENTRE**
- Ensure connections are provided back to Wallan Town Centre as it continues to provide high-level services.
 - FREEWAY OVERPASS**
- Improved access and into the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
- Possible important district and regional vehicular connections around neighbourhoods and between PSPs.
 - ALTERNATE ARTERIAL ROADS**
- This are possible alignments previously discussed which need to be resolved in this workshop.
 - CONNECTOR ROADS**
- Provide important vehicular and active transport connections between neighbourhoods.
 - OLD STONEY ROAD - TBC**
- This road exists as a unimproved road surrounded by vegetation. The future role of Stoney Road is up for discussion.
 - KEY LOCAL ROAD CONNECTIONS**
- These are existing roads within Wallan that provide connection between the existing neighbourhoods.
 - DEDICATED PUBLIC TRANSPORT**
- This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
 - RAILWAY STATION**
- It is important to ensure the PSP is well connected to the existing rail lines through multiple forms of transportation.
 - FUTURE FAST RAIL CONNECTION**
- It is important to ensure the PSP is well connected to the existing rail lines through multiple forms of transportation.
- LAND USE**
- To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 3m CONTIGUOUS
 - MODIFIED WATERCOURSE
 - ADJACENT CATCHMENTS
 - RAILWAY STATION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

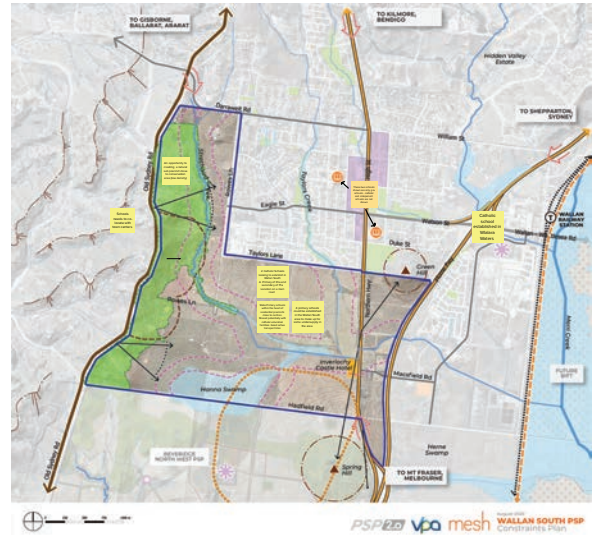


INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONSTRAINTS** map:
- How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallan South 'vision'?
 - What should the detailed reports pay close attention to?
- Step 3** Draw what you think the constraints should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with

DRAWING KEY
WALLAN SOUTH PSP BOUNDARY

- CONSTRAINTS**
- BIODIVERSITY VALUES**
- Ecologically important or sensitive areas including presence of Golden Sun Moth habitat and native vegetation within the PSP.
 - BUSHFIRE MANAGEMENT OVERLAY**
 - EXTRACTIVE INDUSTRY SOOM BUFFER**
- Depending on the outcome of the Beveridge North West PSP the quarry may require a buffer area within the Wallan South PSP and impact on mapping of development within this area.
 - AREA OF CULTURAL SENSITIVITY**
- Irredeemable areas of cultural significance will be associated with the new lines and corridors that pass through the site, the volcanic cone, and steep areas to the west of the site.
- A cultural values assessment is being produced in response with Warrumbidgee.
 - HERITAGE INVENTORY SITE**
- Elements of early post-contact heritage on the site, including the early brick and stone and the old stone post.
 - 1 IN 100 YEAR FLOOD EXTENT**
 - WATERCOURSE**
- A draft DSS is being finalised by Melbourne Water as a base case.
- Sodic soils exist in the northern growth corridor which can have an impact on waterway health and can erode waterways if not designed and managed correctly.
 - FREEWAY/HIGHWAY**
- Existing congestion along northern way.
- Construction access into the 'wedge' between the northern way and the Hume Freeway. Access to the site will need to be provided from the adjacent highway and freeway to make development viable.
 - OLD STONEY RD**
- Old Stoney Road is constructed to a rural standard and is significantly degraded with low passive surveillance.
 - CONNECTOR ROADS**
- Downes Ln and Downes Rd intersection consider unsafe due to poor line of sight.
- Downes Ln contains a steep crest of trees.
- CONTEXT**
- WALLAN TOWN CENTRE
 - 2m CONTOURS
 - REDLINE
 - GATEWAYS
 - HIGH POINT
 - VIEWLINES
 - LOCAL TOWN CENTRE
 - LOCAL CONVENIENCE CENTRE
 - FUTURE BICYCLE INTERSTATE
 - FUTURE EDUCATION FACILITIES
 - FUTURE OPEN SPACE
 - RAIL CONNECTION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

Activity #1
Constraints Mapping
(35mins)

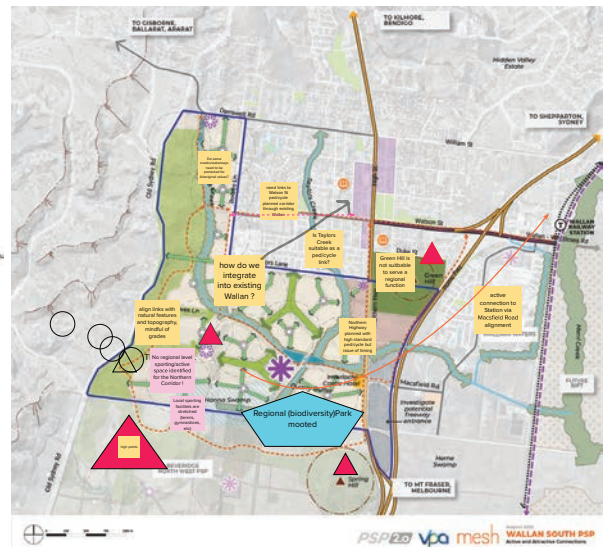
INSTRUCTIONS

- Step 1** Review the connections map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

- ACTIVE + ATTRACTIVE CONNECTIONS**
- REWILD DRAINAGE CORRIDOR**
- Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR**
- Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES**
- Amenity feature for shops and community facilities.
- Opportunity to use for stormwater harvesting.
 - LINEAR RESERVES**
- Open space connections with dedicated walking and cycling.
 - AMENITY LINKS**
- Streets or open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES**
- Conservation areas protecting existing biodiversity values.
 - REGIONAL SPORTS/PARK**
- Expansion of Central Reserve with additional sporting facilities.
- Opportunity to reconfigure reserve if a improved outcome is found.
 - INVERLOUGH CASTLE HOTEL AND CORBRICK STAGING POST**
- Incorporate heritage buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS**
- Opportunity for discrete alternative uses such as parks, playgrounds or childcare which create a destination within the neighbourhood.
- LAND USE**
To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - ADDM CATCHMENTS
 - RAILWAY STATION
 - RAILWAY DRAINAGE

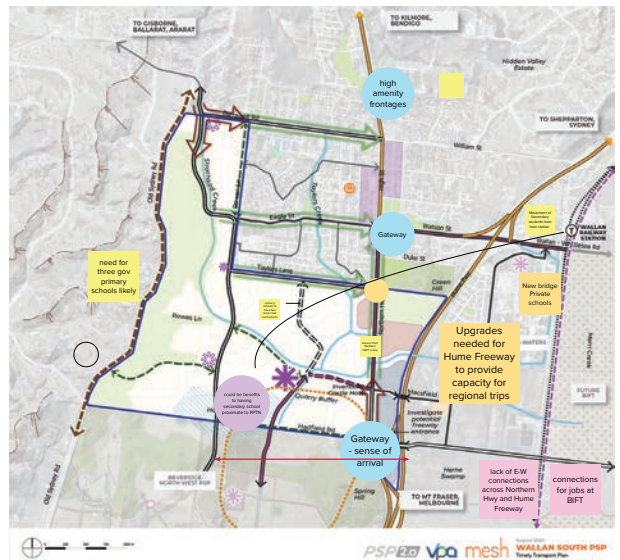
Activity #2
Active and Attractive Connections Mapping A
(35mins)

INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with

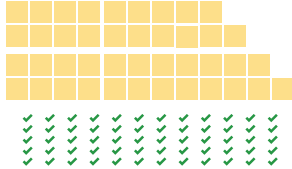
DRAWING KEY
MOVEMENT

- MOVEMENT**
- ENHANCE WALLAN TOWNSHIP GATEWAYS**
- Connections should contribute to a sense of arrival to this exciting new community.
 - CONNECT TO WALLAN TOWN CENTRE**
- Ensure connections are provided back to Wallan Town Centre as it continues to provide high-level services.
 - FREEWAY OVERPASS**
- Improved access across and into the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
- Possible important district and regional vehicular connections around neighbourhoods and between PSPs.
 - ALTERNATE ARTERIAL ROADS**
- This are possible alignments previously discussed which need to be resolved in this workshop.
 - CONNECTOR ROADS**
- Provide important vehicular and active transport connections between neighbourhoods.
 - OLD STONEY ROAD - TBC**
- This road exists as a unimproved road surrounded by vegetation.
- The future role of Stoney Road is up for discussion.
 - KEY LOCAL ROAD CONNECTIONS**
- These are existing roads within Wallan that provide connection into the existing neighbourhoods.
 - DEDICATED PUBLIC TRANSPORT**
- This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
 - RAILWAY STATION**
 - FUTURE FAST RAIL CONNECTION**
- It is important to ensure the PSP is well connected to the existing rail network through multiple forms of transportation.
- LAND USE**
To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - ADDM CATCHMENTS
 - RAILWAY STATION
 - RAILWAY DRAINAGE

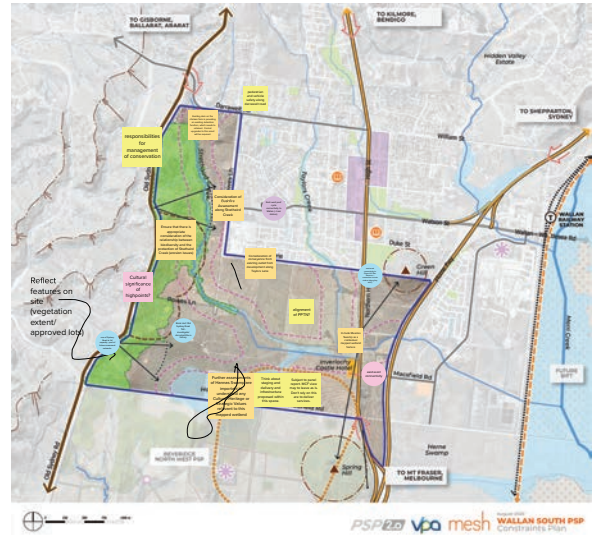


INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONSTRAINTS** map:
- How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallan South 'vision'?
 - What should the detailed reports pay close attention to?
- Step 3** Draw what you think the constraints should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with

DRAWING KEY
WALLAN SOUTH PSP BOUNDARY

- CONSTRAINTS**
- BIODIVERSITY VALUES**
Ecologically important or retention value including presence of Golden Sun Moth habitat and native vegetation within the PSP.
 - BUSHFIRE MANAGEMENT OVERLAY**
 - EXTRACTIVE INDUSTRY SOOM BUFFER**
Depending on the outcome of the Beveridge North West PSP the quarry may require a buffer area within the Wallan South PSP and impact on mapping of development within this area.
 - AREA OF CULTURAL SENSITIVITY**
- Irredeemable areas of cultural significance will be associated with the new lines and corridors that pass through the site, the volcanic cone, and steep areas to the west of the site.
- A cultural values assessment is being completed in response with the Wundijet.
 - HERITAGE INVENTORY SITE**
- Elements of early post-contact heritage on the site, including the early brick and stone and the stone and stone post.
 - 1 IN 100 YEAR FLOOD EXTENT**
 - WATERCOURSE**
- A draft DSS is being finalised by Melbourne Water as a base case.
- Sodic soils exist in the northern growth corridor which can have an impact on waterway health and can erode waterways if not designed and managed correctly.
 - FREEWAY/HIGHWAY**
- Existing congestion along northern way.
- Considered access into the 'wedge' between the northern way and the Hume Hwy. Access to the site will need to be provided from the adjacent highway and freeway to make development viable.
 - CONNECTOR ROADS**
- Old Sydney road is constructed to a rural standard and is significantly degraded with low passive surveillance.
- Downes Ln and Downes Rd intersection consider unsafe due to the steep drop.
- Downes Ln contains a steep crest of trees.
 - OLD SYDNEY RD**
- Old Sydney road is constructed to a rural standard and is significantly degraded with low passive surveillance.
 - CONNECTOR ROADS**
- Downes Ln and Downes Rd intersection consider unsafe due to the steep drop.
- Downes Ln contains a steep crest of trees.
- CONTEXT**
- WALLAN TOWN CENTRE
 - 2m CONTOURS
 - REDLINE
 - GATEWAYS
 - HIGH POINT
 - VIEWLINES
 - LOCAL TOWN CENTRE
 - LOCAL CONVENIENCE CENTRE
 - FUTURE EDUCATION FACILITIES
 - FUTURE EDUCATION FACILITIES
 - PUBLIC OPEN SPACE
 - RAIL CONNECTION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

Activity #1
Constraints Mapping
(35mins)

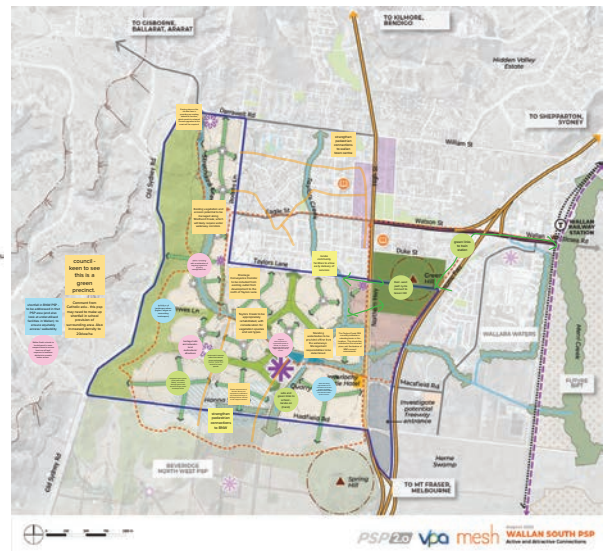
INSTRUCTIONS

- Step 1** Review the connections map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY

- ACTIVE + ATTRACTIVE CONNECTIONS**
- REVISED DRAINAGE CORRIDOR**
- Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR**
- Opportunity to re-align the waterway to incorporate it into adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES**
- Amenity feature for shops and community facilities.
- Opportunity to use for stormwater harvesting.
 - LINEAR RESERVES**
- Open space connections with dedicated walking and cycling.
 - AMENITY LINKS**
- Streets or open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES**
- Conservation areas protecting existing biodiversity values.
 - REGIONAL SPORTS/PARK**
- Expansion of Central Reserve with additional sporting facilities.
- Opportunity to reconfigure reserve if a improved outcome is found.
 - INVESTIGATE CASTLE HOTEL AND COBBICHO STAGING POST**
- Incorporate heritage buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS**
- Opportunity for discrete alternative uses such as parks, playgrounds or childcare which create a destination within the neighbourhood.
- LAND USE**
- To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING AND EDUCATIONAL FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - ADJACENT CATCHMENTS
 - WALLAN DRAINAGE
 - Development opportunity under investigation

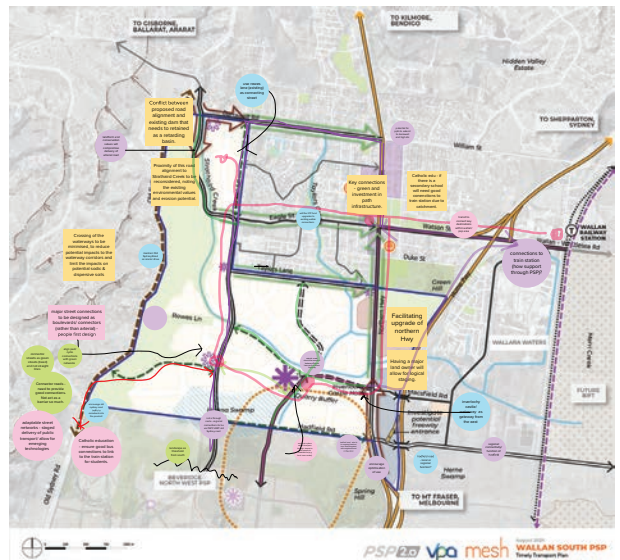
Activity #2
Active and Attractive Connections Mapping A
(35mins)

INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with

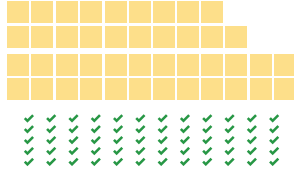
DRAWING KEY
MOVEMENT

- MOVEMENT**
- ENHANCE WALLAN TOWNSHIP GATEWAYS**
- Connections should contribute to a sense of arrival to this exciting new community.
 - CONNECT TO WALLAN TOWN CENTRE**
- Ensure connections are provided back to Wallan Town Centre as it continues to provide high-level services.
 - FREEWAY OVERPASS**
- Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
- Provide important district and regional vehicular connections around neighbourhoods and between PSPs.
 - ALTERNATE ARTERIAL ROADS**
- This are possible alignments previously discussed which need to be resolved in this workshop.
 - CONNECTOR ROADS**
- Provide important vehicular and active transport connections between neighbourhoods.
 - OLD STONEY ROAD - TBC**
- This road exists as a unimproved road surrounded by vegetation. The future role of Stoney Road is up for discussion.
 - KEY LOCAL ROAD CONNECTIONS**
- These are existing roads within Wallan that provide connection with the existing neighbourhoods.
 - DEDICATED PUBLIC TRANSPORT**
- This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
 - RAILWAY STATION**
 - FUTURE FAST RAIL CONNECTION**
- It is important to ensure the PSP is well connected to the existing rail network through multiple forms of transportation.
- LAND USE**
- To be discussed at next workshop in detail
- DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING AND EDUCATIONAL FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - ADJACENT CATCHMENTS
 - WALLAN DRAINAGE
 - Development opportunity under investigation

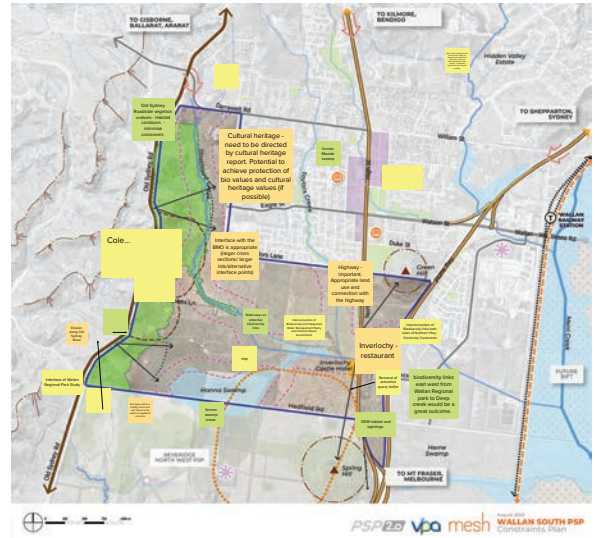
Activity #3
Timely Transport Connections Mapping B
(35mins)

INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONSTRAINTS** map:
- How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallan South 'vision'?
 - What should the detailed reports pay close attention to?
- Step 3** Draw what you think the constraints should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with

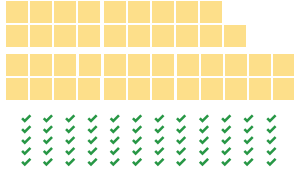
DRAWING KEY
WALLAN SOUTH PSP BOUNDARY

- CONSTRAINTS**
- BIODIVERSITY VALUES**
- Biodiversity assessment of extension value including presence of Golden Sun Moth habitat and native vegetation within the PSP.
 - BUSHFIRE MANAGEMENT OVERLAY**
 - EXTRACTIVE INDUSTRY 500M BUFFER**
- Depending on the outcome of the Beveridge North West PSP the quarry may require a buffer area within the Wallan South PSP and impact on staging of development within this area.
 - AREA OF CULTURAL SENSITIVITY**
- Probable areas of cultural significance will be associated with the creek lines and wetlands that pass through the site, the volcanic cone, and existing buildings on the site.
- A cultural values assessment is being developed in consultation with Wurundjeri.
 - HERITAGE INVENTORY SITE**
- Elements of early post-contact heritage on the site, including the early stone building and the site of the original Post.
 - 1 IN 100 YEAR FLOOD EXTENT**
 - WATERCOURSE**
- A draft DWS is being finalised by Melbourne Water as a base case.
- Sodic saline water in the northern growth corridor which can have an impact on waterway health and can erode waterways if not designed and managed correctly.
 - FREEWAY/HIGHWAY**
- Existing congestion along northern Hwy.
- Construction access into the 'wedge' between the northern Hwy and the Hume Hwy. Access to the site will need to be provided from the adjacent highway and freeway to make development viable.
 - OLD DYER RD**
- Old Dyer road is constructed to a rural standard and is significantly degraded with low passive surveillance.
 - CONNECTOR ROADS**
- Rows Ln and Damewood Rd intersection consider unsafe due to poor line of sight.
- Rows Ln contains scenic route of trees.
- LAND USE**
- WALLAN TOWN CENTRE
 - 3m CONTIGUOUS
 - BEDLINE
 - GATEWAYS
 - HIGH POINT
 - VIEWLINES
 - LOCAL TOWN CENTRE
 - LOCAL CONFERENCE CENTRE
 - PUBLIC RESERVE/RECREATION
 - EXISTING EDUCATION FACILITIES
 - PUBLIC OPEN SPACE
 - RAIL CONNECTION
 - RAILWAY STATION
 - FUTURE FAST RAIL CONNECTION

Activity #1
Constraints Mapping
(35mins)

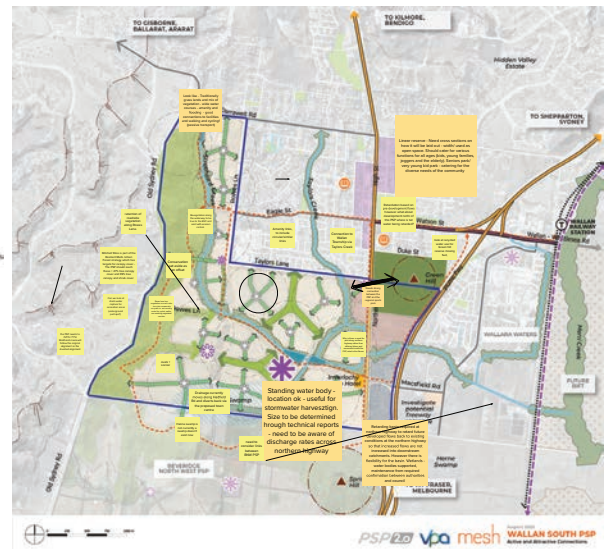
INSTRUCTIONS

- Step 1** Review the connections map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



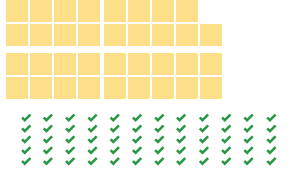
DRAWING KEY

- ACTIVE + ATTRACTIVE CONNECTIONS**
- REWILD DRAINAGE CORRIDOR**
- Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR**
- Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES**
- Amenity feature for shops and community facilities.
- Opportunity to use for stormwater harvesting.
 - LINEAR RESERVES**
- Open space connections with dedicated walking and cycling.
 - AMENITY LINKS**
- Streets or open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES**
- Conservation areas protecting existing biodiversity values.
 - REGIONAL SPORTS/PARK**
- Expansion of Emerald reserve with additional sporting facilities.
- Opportunity to reconfigure reserves if a improved outcome is found.
 - WATERCOURSE CASTLE HOTEL AND CORBICO STAGING POST**
- Incorporate heritage buildings into public space and neighbourhood amenity experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS**
- Opportunity for discrete alternative uses such as public playground or childcare which create a destination within the neighbourhood.
- LAND USE**
- To be discussed at next workshop in detail
- WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONFERENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 3m CONTIGUOUS
 - MODIFIED WATERCOURSE
 - WATERCOURSE
 - WATERCOURSE
 - WATERCOURSE



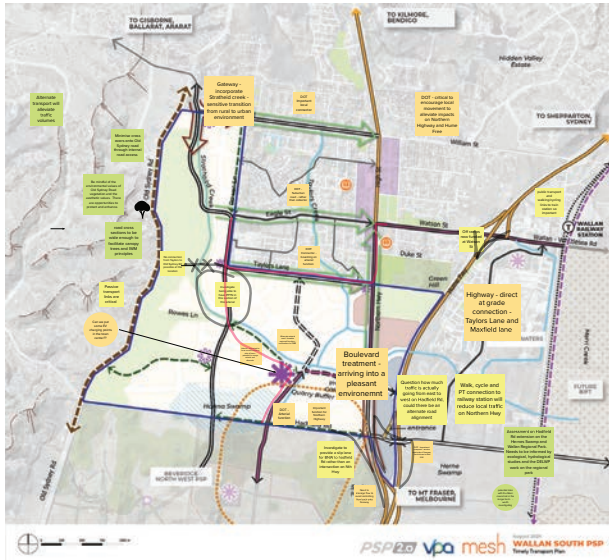
INSTRUCTIONS

- Step 1** Review the constraints map layers + drawing key
- Step 2** ??? Questions to consider when populating this **CONNECTIONS** map:
- What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?
- Step 3** Draw what you think the connections should look like or how it should interface to development.
- Step 4** Use these post it notes or create your own to add your **comments** or **thoughts** on the map **AND** add ticks to comments you agree with



DRAWING KEY



- MOVEMENT**
- ENHANCE WALLAN TOWNSHIP GATEWAYS**
- Connections should contribute to a sense of arrival to this exciting new community.
 - CONNECT TO WALLAN TOWN CENTRE**
- Ensure proposed connections are provided back to Wallan Town Centre as it continues to provide high-level services.
 - FREEWAY OVERPASS**
 - FREEWAY/HIGHWAY**
- Improve access across and into the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
- Provide important district and regional vehicular connections around neighbourhoods and between PSPs.
 - ALTERNATE ARTERIAL ROADS**
- These are possible alignments previously discussed which need to be resolved in this workshop.
 - CONNECTOR ROADS**
- Provide important vehicular and active transport connections between neighbourhoods.
 - OLD STONEY ROAD - TBC**
- This road exists as a unimproved road surrounded by vegetation.
- The future role of Stoney Road is up for discussion.
 - KEY LOCAL ROAD CONNECTIONS**
- These are existing roads within Wallan that provide connection between the existing neighbourhoods.
 - DEDICATED PUBLIC TRANSPORT**
- This connect must provide space for a dedicated public transport such as a trackless or high frequency buses.
 - RAILWAY**
 - RAILWAY STATION**
 - FUTURE FAST RAIL CONNECTION**
- It is important to ensure the PSP is well connected to the existing station through multiple forms of transportation.
- LAND USE**
- To be discussed at next workshop in detail
- WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONFERENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
- WALLAN SOUTH PSP BOUNDARY
 - 3m CONTIGUOUS
 - MODIFIED WATERCOURSE
 - WATERCOURSE
 - WATERCOURSE


Activity #3
Timely Transport Connections Mapping B
(35mins)

Constraints Mapping



(35mins)


INSTRUCTIONS

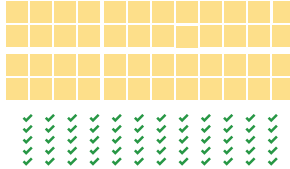
- Step 1**  Review the constraints map layers + drawing key 

Step 2  Questions to consider when populating this **CONSTRAINTS** map:

 - How should this constraint be treated or interfaced with?
 - How could these constraints be used to achieve the Wallian South Vision?
 - What should the detailed reports pay close attention to?

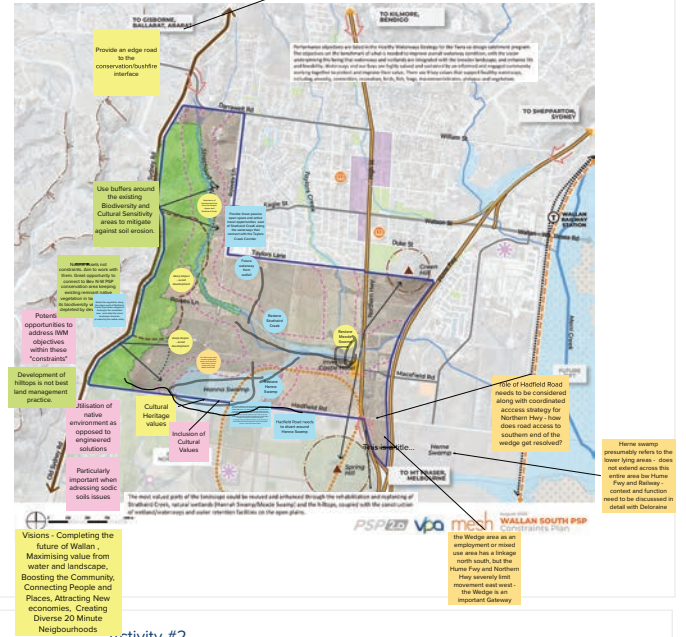
Step 3  Draw what you think the constraints should look like  how it should interface to development.

Step 4  Use these post it notes or create your own to add your comments or thoughts on the map **AND** add ticks to comments you agree with






DRAWING KEY
 WALLAN SOUTH PSP BOUNDARY

-
- 1. BIODIVERSITY VALUES**
Blue wavy line represents of retention value including presence of Golden Sunbush habitat and native vegetation within the Bish.
- 2. BUSH RIVER MANAGEMENT OVERLAY**
- 3. EXTRACTIVE INDUSTRY SOOM BUFFER**
Depending on the outcome of the Berridge North West PSH the study may require a buffer area within the Illawarra Soom.
- 4. AREA OF CULTURAL SIGNIFICANCE**
Variable areas of cultural significance may be associated with the two creek lines and wetlands that pass through the site, the volcanic cone, and steep slopes to the west of the site.
A cultural values inventory site is identified in consultation with a relevant authority.
- 5. HERITAGE INVENTORY SITE**
Variable areas of cultural significance are located on the site, including historically Coastal Red and Cobb and Co Skipping Post.
- 6. 1 IN 100 YEAR FLOOD EXTENT**
A draft OES is being finalized by Melbourne Water as a Base case.
A draft OES is in the northern growth corridor which can have an impact on upstream health and can erode wetlands if not designed and managed correctly.
- 7. FANNING/GULLY**
Existing congestion along the western edge.
Controlled access into the 'hedge' between the northern 'hedge' and the Illawarra 'hedge'.
Access to the site and the rail and road to be improved from 2000m² parking and freeway to make development viable.
- 8. OLD SYDNEY RD**
Old Sydney road is connected to a rural standard and is significantly degraded with poor access to rural surrounds.
- 9. CONNECTOR ROADS**
Connects L in and R in to the future rail station.
Releases L in contains critical mass of trees.
- CONTEXT**
ILLAWARRA TOWN CENTRE
2m CONTOURS
ILLAWARRA
GATEWAYS
HIGH POINT
VESUVIUS
LOCAL TOWN CENTRE
LOCAL COMMERCE CENTRE
FUTURE SEAVIEW INTERSTATE
ILLAWARRA
EXISTING EDUCATION FACILITIES
FUTURE EDUCATION FACILITIES
PUBLIC OPEN SPACE
FUTURE STATION
RAIL FAST CONNECTION
FUTURE FAST RAIL CONNECTION





INSTRUCTIONS

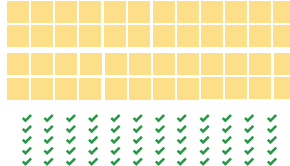
- Step 1**  Review the connections map layers + drawing key 

Step 2  **???** Questions to consider when populating this **CONNECTIONS** map:

 - What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?

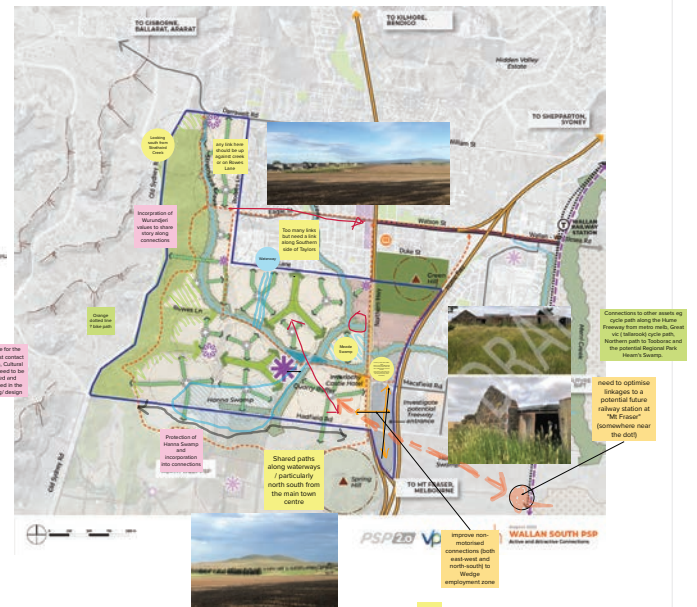
Step 3  Draw what you think the connections should look like or how it should interface to development.

Step 4  Use these post it notes or create your own to add your comments or thoughts on the map **AND** add ticks to comments you agree with





DRAWING KEY

- ### ACTIVE + ATTRACTIVE CONNECTIONS
-  **REVIVE DRAINAGE CORRIDOR**
 - Enhance and re-establish native vegetation and habitat along this portion of waterway
 -  **URBANISED DRAINAGE CORRIDOR**
 - Opportunity to re-engage the waterway to incorporate it into the adjacent amenity and development
 -  **INVESTIGATE STANDING WATER BODIES**
 - Amenity features for shops and community facilities
 - Opportunity to use for storm-water harvesting
 -  **LINEAR RESERVES**
 - Open space connections with dedicated walking and cycling
 -  **AMENITY LINKS**
 - Green or open space connections providing increased tree canopy and values
 -  **LANDSCAPE VALUES**
 - Conservation areas to protect existing biodiversity values
 -  **REGIONAL SPORTS/PARK**
 - Expansion of Central Reserve with additional sporting facilities
 - Opportunity to incorporate feature of a improved outdoor arena is found
 -  **OVERLOOKING CASTLE HOTEL AND COBBOG STAGING POOL**
 - Incorporate heritage buildings into public space and neighbourhood greenway experience
 -  **OTHER NEIGHBOURHOOD DESTINATIONS**
 - Opportunity for diverse amenity values such as parks playgrounds or childcare which create a destination for the neighbourhood





INSTRUCTIONS

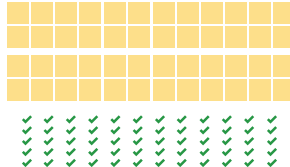
- Step 1**  Review the constraints map layers + drawing key

Step 2  **???** Questions to consider when populating this **CONNECTIONS** map:

 - What does this layer mean/look like?
 - How can this feature be captured in the PSP document?
 - How can its alignment/location be improved?

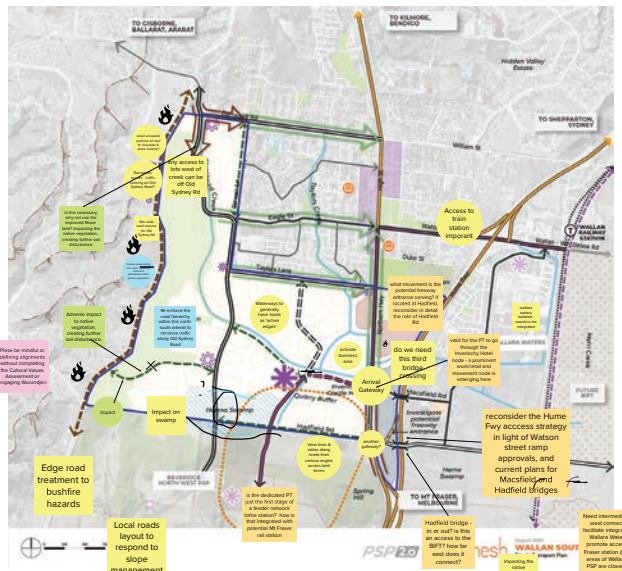
Step 3  Draw what you think the connections should look like or how it should interface to development.

Step 4  Use these post it notes or create your own to add your comments or thoughts on the map **AND** add ticks to comments you agree with



DRAWING KEY

- 1  **ENHANCE WALLACE TOWNSHIP GATEWAYS**
Connections should contribute to a sense of arrival to Wallace Township and its surrounding area.
- 2  **CONNECT TO WALLACE TOWN CENTRE**
Ensure strong connections are provided back to Wallace Town Centre to continue to provide high-level services.
- 3  **FREEMAN OVERPASS**
- 4  **FREEMAN HIGHWAY**
Improve important roads and ends the highway and highway where possible without compromising traffic flow.
- 5  **ARTERIAL ROAD**
Improve important district and regional vehicular connections and provide important connections between Pelly and Whitecourt.
- 6  **ARTERIAL ROAD**
This is possible alignments previously discussed which need to be considered.
- 7  **CONNECTOR ROADS**
Provide important vehicular and active transport connections between neighbourhoods.
- 8  **OLD SLOVENY ROAD - TBC**
This old street is a unimproved road surrounded by vegetation and is one of the worst roads in the area for its location.
- 9  **KEY LOCAL ROAD CONNECTIONS**
Connections must provide access to the existing neighbourhoods.
- 10  **DEDICATED PUBLIC TRANSPORT**
Connections must provide access to a dedicated public transport such as a trackless or high frequency bus.
- 11  **RAILWAY STATION**
- 12  **WALLACE FAST RAIL CONNECTION**



APPENDIX 2

MURAL PDF EXPORTS – WORKSHOP #2

INSTRUCTIONS



Step 1 20mins

Locate where you think the following items (**items 1-3**) should be placed on the Wallan South map and add a sticky note to **explain why**.



Item 1

Locate **Government and Non Government Schools**

Type	Potential Amount (using benchmark figures only)	Design Principles
Gov Primary School	3 @ 3.5 ha (each) Drag and drop these scaled squares on the plan	Located near public transport network Considered as a 'green' space Considered as a 'green' space
Gov Secondary School	1 @ 8.4 Ha Drag and drop these scaled squares on the plan	Located on a 'green' space Considered as a 'green' space Considered as a 'green' space
Non - Government Primary	2 @ 3 Ha (each) Drag and drop these scaled squares on the plan	Co-located with community facilities Considered as a 'green' space Considered as a 'green' space

Item 2

Locate **Community Centres, Child Care and other social services**

Type	Potential Amount (using benchmark figures only)	Design Principles
Level 1 Community Centre	2 @ 0.8 ha (each) Drag and drop these scaled squares on the plan	Located in a 'green' space Considered as a 'green' space Considered as a 'green' space
Level 3 Community Centre (inc. library)	1 @ 2 ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space

Item 3

Locate **Sports Reserves**

Type	Potential Amount (using benchmark figures only)	Design Principles
Local Active Recreation Reserves	3 @ 8ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space
Indoor Recreation Facility	1 @ 2.1 Ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space

OPTIONAL: Locate 'Other Land Uses'

Type	Potential Amount (using benchmarking figures only)
Universities	Drag and drop these stars on the plan
TAFE	Drag and drop these stars on the plan
Special Schools	Drag and drop these stars on the plan
Hospitals	Drag and drop these stars on the plan

Item 4

Review the location of the **Activity Centres**

Item 5

Review the location of the **Mixed Use** land uses

Item 6

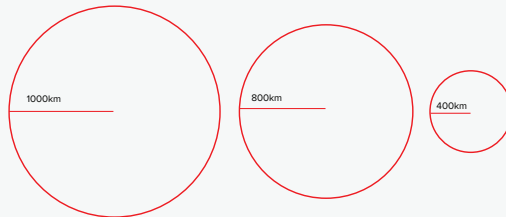
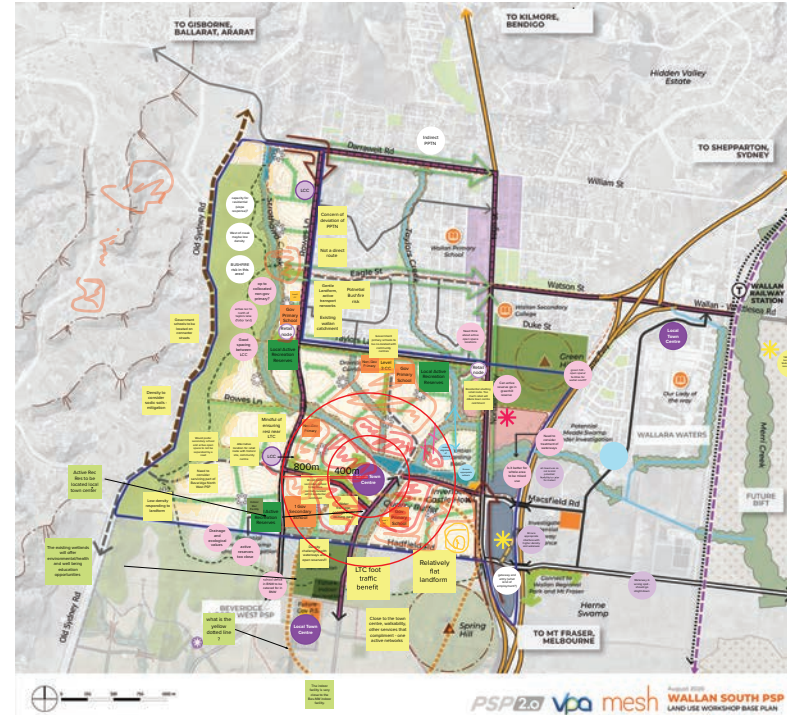
Review the potential location of **Employment** land uses

Step 2 10mins

REVIEW the location of following items (**items 4-6**) on the Wallan South plan.



Drag and drop these scaled circles to calculate various catchments

Activity #1
Land Use Mapping
(40mins)

DRAWING KEY

- OPEN SPACE AMENITY**
 - Enhance and re-establish native vegetation and habitat along this section of waterway.
- URBANISED DRAINAGE CORRIDOR**
 - Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
- INVESTIGATE STANDING WATER BODIES**
 - Amenity features for shops and community facilities.
 - Opportunity to use water for water harvesting.
- LINEAR RESERVES**
 - Open space connections with dedicated walking and cycling.
- AMENITY LINKS**
 - Sever or water space connections providing increased tree canopy and walkability.
- LANDSCAPE VALUES**
 - Consideration: assess protecting existing biodiversity values.
- ACTIVE RECREATION**
 - Expansion of Creekline Reserve with additional sporting facilities.
 - Opportunity to reconfigure reserve if a proposed outcome is found.
- INVERLOUGH CASTLE HOTEL AND COBBAGO STAGING POST**
 - Encourage heritage buildings into public space and neighbourhood gateway experience.
- OTHER NEIGHBOURHOOD DESTINATIONS**
 - Opportunity to discuss alternative uses such as public playgrounds or childcare which create a destination within the neighbourhood.
- MOVEMENT**
 - ENHANCE WALLAN TOWNSHIP GATEWAYS**
 - Connections should contribute to a sense of arrival to this section of township.
 - CONNECT TO WALLAN TOWN CENTRE**
 - Ensure strong connections are provided back to Wallan Town Centre as a contribution to existing high-level services.
 - WILD WALKING TRAIL**
 - Unsettled recreation walking trails through the hillsides.
 - ACTIVE WALKING AND CYCLING NETWORK**
 - Shared shared general walking and cycle network.
 - Separation of cycle and walking to be detailed later.
 - FREEWAY OVERPASS**
 - Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
 - Provide important district and regional vehicular connections around neighbourhoods and between PSPs.
 - CONNECTOR ROADS**
 - Provide important vehicular and active transport connections between neighbourhoods.
 - SCENIC ROAD - OLD SYDNEY ROAD**
 - This road exists as a unimproved road surrounded by vegetation. Internal change to this section of Old Sydney Rd is desired.
 - KEY LOCAL ROAD CONNECTIONS**
 - These are existing roads within Wallan that provide connection into the existing neighbourhoods.
 - This network must provide space for a dedicated public transport route as a traditional or high frequency bus.
 - PRINCIPLE PUBLIC TRANSPORT NETWORK (PPTN)**
 - This network must provide space for a dedicated public transport route as a traditional or high frequency bus.
 - ALTERNATE PPTN**
 - This alternate alignment is desired by the workshop groups and will be investigated.
 - RAILWAY**
 - RAILWAY STATION**
 - It is important to ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation.



Step 3 10mins

Using the pen tool, draw where you think residential land uses (i.e. their densities) should be located on the Wallan South plan.

character areas rather than densities (place/activity/landscape/ built form)



Residential Densities

High Density

Average Lot Size 200m²

Medium Density

Average Lot Size 280m²

Standard Residential

Average Lot Size 450m²

Low Density

Average Lot Size 500m²

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour

LAND USE

To be discussed at next workshop in detail

DEVELOPABLE AREA

WALLAN TOWN CENTRE

LOCAL TOWN CENTRE

POTENTIAL LOCAL CONVENIENCE CENTRE

INVESTIGATE RETAIL OPPORTUNITIES

EXISTING EDUCATION FACILITIES (labels)

POTENTIAL EMPLOYMENT

INVESTIGATE MIXED USE

OTHER

WALLAN SOUTH PSP BOUNDARY

2m CONTOURS

MODIFIED WATERCOURSE

400m CATCHMENTS

POTENTIAL HANNA & MEADE SWAMP

(Environmental significance under investigation)

INSTRUCTIONS

**Step 1** 20mins

Locate where you think the following items (**items 1-3**) should be placed on the Wallan South map and add a sticky note to **explain why**.

**Item 1**Locate **Government and Non Government Schools**

Type	Potential Amount (using benchmark figures only)	Design Principles
Gov Primary School	3 @ 3.5 ha (each) Drag and drop these scaled squares on the plan	Located near public transport network Consideration of site layout and surrounding context Consideration of site layout and surrounding context
Gov Secondary School	1 @ 8.4 Ha Drag and drop these scaled squares on the plan	Located on a Corridor Rd Risk located on an arterial road
Non - Government Primary	2 @ 3 Ha (each) Drag and drop these scaled squares on the plan	Co-located with community facilities Located near active open space

Item 2Locate **Community Centres, Child Care and other social services**

Type	Potential Amount (using benchmark figures only)	Design Principles
Level 1 Community Centre	2 @ 0.8 ha (each) Drag and drop these scaled squares on the plan	Locate in accessible areas Ensure site access to public transport Consideration of site layout and surrounding context
Level 3 Community Centre (inc. library)	1 @ 2 ha Drag and drop these scaled squares on the plan	Ensure site access to public transport Consideration of site layout and surrounding context

Item 3Locate **Sports Reserves**

Type	Potential Amount (using benchmark figures only)	Design Principles
Local Active Recreation Reserves	3 @ 8ha Drag and drop these scaled squares on the plan	Consideration of site layout and surrounding context Consideration of site layout and surrounding context
Indoor Recreation Facility	1 @ 2.1 Ha Drag and drop these scaled squares on the plan	Provide for passive recreation opportunities Where possible, consider proximity to activity generators

OPTIONAL: Locate 'Other Land Uses'

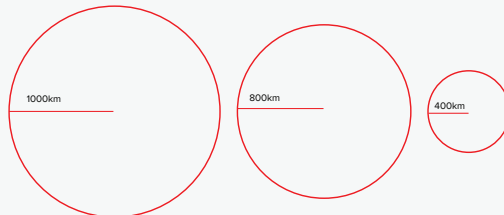
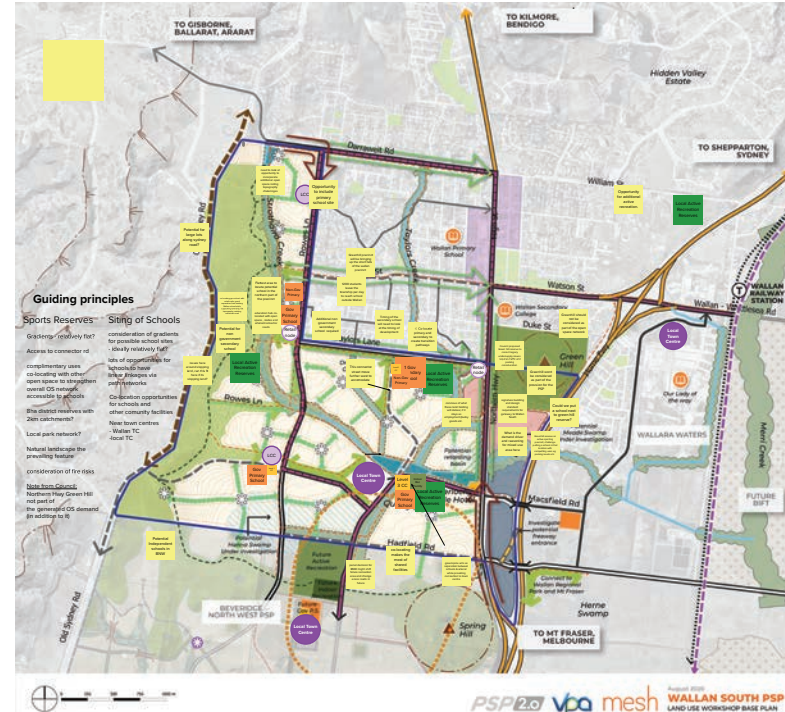
Type	Potential Amount (using benchmarking figures only)
Universities	Drag and drop these stars on the plan
TAFE	Drag and drop these stars on the plan
Special Schools	Drag and drop these stars on the plan
Hospitals	Drag and drop these stars on the plan

Item 4Review the location of the **Activity Centres****Item 5**Review the location of the **Mixed Use** land uses**Item 6**Review the potential location of **Employment** land uses**Step 2** 10mins

REVIEW the location of following items (**items 4-6**) on the Wallan South plan.



Drag and drop these scaled circles to calculate various catchments

Activity #1
Land Use Mapping
(40mins)

Step 3 10mins

Using the pen tool, draw where you think residential land uses (i.e. their densities) should be located on the Wallan South plan.



Residential Densities

High Density



Medium Density



Standard Residential



Low Density



Pen Tool Colour



DRAWING KEY

- OPEN SPACE AMENITY**
 - SEMI-DRAINAGE CORRIDOR**
 - Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR**
 - Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES**
 - Amenity features for shops and community facilities.
 - Opportunity to use for storm water harvesting.
 - LINEAR RESERVES**
 - Open space connections with dedicated walking and cycling.
 - AMENITY LINKS**
 - Seamless or active space connections providing increased amenity and walkability.
 - LANDSCAPE VALUES**
 - Conservation areas protecting existing biodiversity values.
 - ACTIVE RECREATION**
 - Expansion of Council Reserve with additional sporting facilities.
 - Opportunity to reconfigure reserve if a proposed outcome is found.
 - INVERLOUGH CASTLE HOTEL AND COBBAGO STAGING POST**
 - Encourage heritage buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS**
 - Opportunity to discuss alternative uses such as public playgrounds or childcare which create a destination within the neighbourhood.
- MOVEMENT**
 - ENHANCE WALLAN TOWNSHIP GATEWAYS**
 - Connections should contribute to a sense of arrival to this section of township.
 - CONNECT TO WALLAN TOWN CENTRE**
 - Ensure strong connections are provided back to Wallan Town Centre as a continuous urban environment.
 - WILD WALKING TRAIL**
 - Uninterrupted walking trails through the hillsides.
 - ACTIVE WALKING AND CYCLING NETWORK**
 - Shared shared general walking and cycle network.
 - Separation of cycle and walking to be detailed later.
 - FREEWAY/OVERPASS**
 - Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD**
 - Provide important district and regional connectivity around neighbourhoods and between PSPs.
 - CONNECTOR ROADS**
 - Provide important vehicular and active transport connections between neighbourhoods.
 - SCENIC ROAD - OLD SYDNEY ROAD**
 - This road exists as a unimproved road surrounded by vegetation. Internal change to this section of Old Sydney Rd is desired.
 - KEY LOCAL ROAD CONNECTIONS**
 - These are existing roads within Wallan that provide connection into the existing neighbourhoods.
 - PRINCIPLE PUBLIC TRANSPORT NETWORK (PPTN)**
 - This network must provide space for a dedicated public transport route as a traditional or high frequency bus.
 - ALTERNATE PPTN**
 - This alternate alignment is desired by the workshop groups and will be investigated.
 - RAILWAY**
 - RAILWAY STATION**
 - It is important to ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation.
 - FUTURE FAST RAIL CONNECTION**
 - It is important to ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation.

- LAND USE**
 - To be discussed at next workshop in detail**
 - DEVELOPABLE AREA**
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES (shaded)
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
- OTHER**
 - WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - 400M CATCHMENTS
 - POTENTIAL HANNA & MEADE SWAMP (Environmental significance under investigation)

INSTRUCTIONS



Step 1 20mins

Locate where you think the following items (**items 1-3**) should be placed on the Wallan South map and add a sticky note to **explain why**.



Item 1

Locate **Government and Non Government Schools**

Type	Potential Amount (using benchmark figures only)	Design Principles
Gov Primary School	3 @ 3.5 ha (each) Drag and drop these scaled squares on the plan	Located near public transport network Considered as a 'green' space Considered as a 'green' space
Gov Secondary School	1 @ 8.4 Ha Drag and drop these scaled squares on the plan	Located on a 'green' space Considered as a 'green' space Considered as a 'green' space
Non - Government Primary	2 @ 3 Ha (each) Drag and drop these scaled squares on the plan	Co-located with community facilities Considered as a 'green' space Considered as a 'green' space

Item 2

Locate **Community Centres, Child Care and other social services**

Type	Potential Amount (using benchmark figures only)	Design Principles
Level 1 Community Centre	2 @ 0.8 ha (each) Drag and drop these scaled squares on the plan	Located in a 'green' space Considered as a 'green' space Considered as a 'green' space
Level 3 Community Centre (inc. library)	1 @ 2 ha Drag and drop these scaled squares on the plan	Consider site access to key facilities and services Considered as a 'green' space Considered as a 'green' space

Item 3

Locate **Sports Reserves**

Type	Potential Amount (using benchmark figures only)	Design Principles
Local Active Recreation Reserves	3 @ 8ha Drag and drop these scaled squares on the plan	Consider the design of public space Considered as a 'green' space Considered as a 'green' space
Indoor Recreation Facility	1 @ 2.1 Ha Drag and drop these scaled squares on the plan	Provide for passive recreation opportunities Considered as a 'green' space Considered as a 'green' space

OPTIONAL: Locate 'Other Land Uses'

Type	Potential Amount (using benchmarking figures only)
Universities	Drag and drop these stars on the plan
TAFE	Drag and drop these stars on the plan
Special Schools	Drag and drop these stars on the plan
Hospitals	Drag and drop these stars on the plan

Step 2 10mins

REVIEW the location of following items (**items 4-6**) on the Wallan South plan.



Item 4

Review the location of the **Activity Centres**

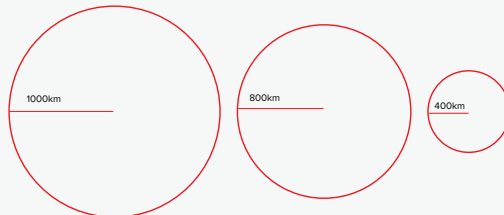
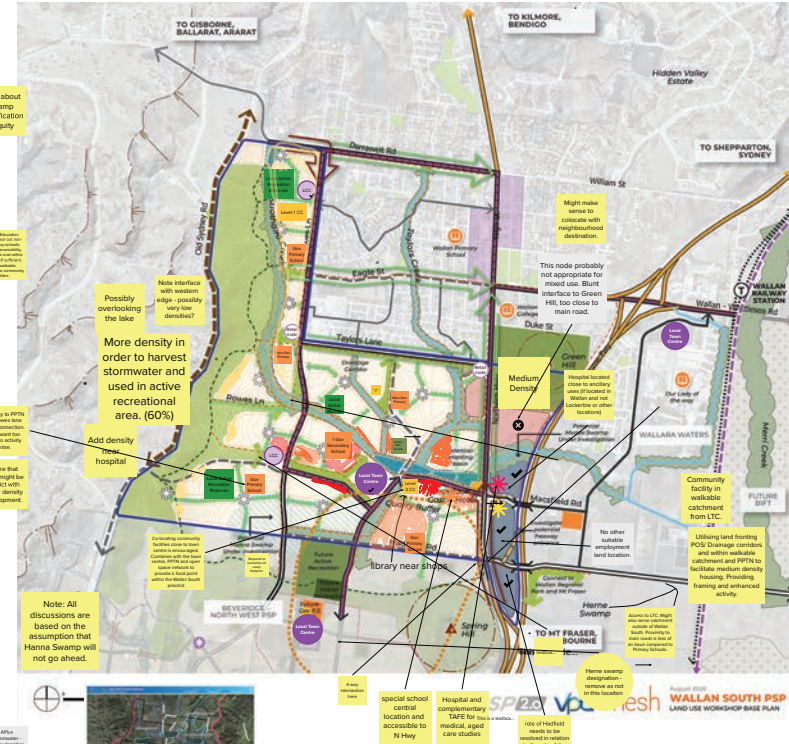
Item 5

Review the location of the **Mixed Use** land uses

Item 6

Review the potential location of **Employment** land uses

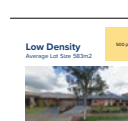
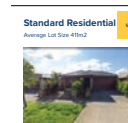
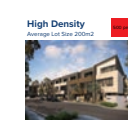
Drag and drop these scaled circles to calculate various catchments

Activity #1
Land Use Mapping
(40mins)

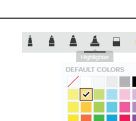
where you think residential land uses (i.e. their densities) should be located on the Wallan South plan.



Residential Densities



Pen Tool Colour



DRAWING KEY

- OPEN SPACE AMENITY**
 - DEVELOP DRAINAGE CORRIDOR: Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR: Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES: Amenity features for shops and community facilities. Opportunity to use for storm-water harvesting.
 - LINEAR RESERVES: Open space connections with dedicated walking and cycling.
 - AMENITY LINKS: Sewers or water space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES: Conservation areas protecting existing biodiversity values.
 - ACTIVE RECREATION: Expansion of Greenhill Reserve with additional sporting facilities. Opportunity to reconfigure reserved if a proposed outcome is found.
 - INVERDOY CASTLE HOTEL AND COBBAGO STAGING POST: Opportunity to discuss alternative uses such as public playgrounds or childcare which create a destination within the neighbourhood.
- MOVEMENT**
 - ENHANCE WALLAN TOWNSHIP GATEWAYS: Connections should contribute to a sense of arrival to this section of the township.
 - CONNECT TO WALLAN TOWN CENTRE: Ensure strong connections are provided back to Wallan Town Centre as a destination to ensure high-level services.
 - WILD WALKING TRAIL: Unrated recreation walking trails through the hillsides.
 - ACTIVE WALKING AND CYCLING NETWORK: Shared road and walking and cycle network. Separation of cycle and walking to be detailed later.
 - FREEWAY OVERPASS: Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD: Provide important district and regional vehicular connections around neighbourhoods and between PSPs.
 - CONNECTOR ROADS: Provide important vehicular and active transport connections between neighbourhoods.
 - SCENIC ROAD - OLD SYDNEY ROAD: This road exists as a unimproved road surrounded by vegetation. Internal change to this section of Old Sydney Rd is desired.
 - KEY LOCAL ROAD CONNECTIONS: These are existing roads within Wallan that provide connections into the existing neighbourhoods.
 - PRINCIPLE PUBLIC TRANSPORT NETWORK (PPTN): This correct must provide space for a dedicated public transport such as a traditional or high frequency bus.
 - ALTERNATE PPTN: This alternate alignment is desired by the workshop groups and will be investigated.
 - RAILWAY: RAILWAY STATION: It is important to ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation.
- LAND USE**
 - To be discussed at next workshop in detail
 - DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES (schools)
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
 - OTHER
 - WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - 400m CATCHMENTS
 - POTENTIAL HANNA & MEADE SWAMP (Environmental significance under investigation)

INSTRUCTIONS

**Step 1 20mins**

Locate where you think the following items (**items 1-3**) should be placed on the Wallan South map and add a sticky note to **explain why**.

**Item 1**Locate **Government and Non Government Schools**

Type	Potential Amount (using benchmark figures only)	Design Principles
Gov Primary School	3 @ 3.5 ha (each) Drag and drop these scaled squares on the plan	Located near public transport network Considered as a 'green' space Considered as a 'green' space
Gov Secondary School	1 @ 8.4 Ha Drag and drop these scaled squares on the plan	Located on a 'green' site Considered as a 'green' space Considered as a 'green' space
Non - Government Primary	2 @ 3 Ha (each) Drag and drop these scaled squares on the plan	Co-located with community facilities Located near active open space

Item 2Locate **Community Centres, Child Care and other social services**

Type	Potential Amount (using benchmark figures only)	Design Principles
Level 1 Community Centre	2 @ 0.8 ha (each) Drag and drop these scaled squares on the plan	Located in a 'green' area Considered as a 'green' space Considered as a 'green' space
Level 3 Community Centre (inc. library)	1 @ 2 ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space

Item 3Locate **Sports Reserves**

Type	Potential Amount (using benchmark figures only)	Design Principles
Local Active Recreation Reserves	3 @ 8ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space
Indoor Recreation Facility	1 @ 2.1 Ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space

OPTIONAL: Locate 'Other Land Uses'

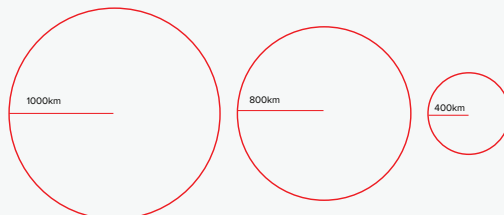
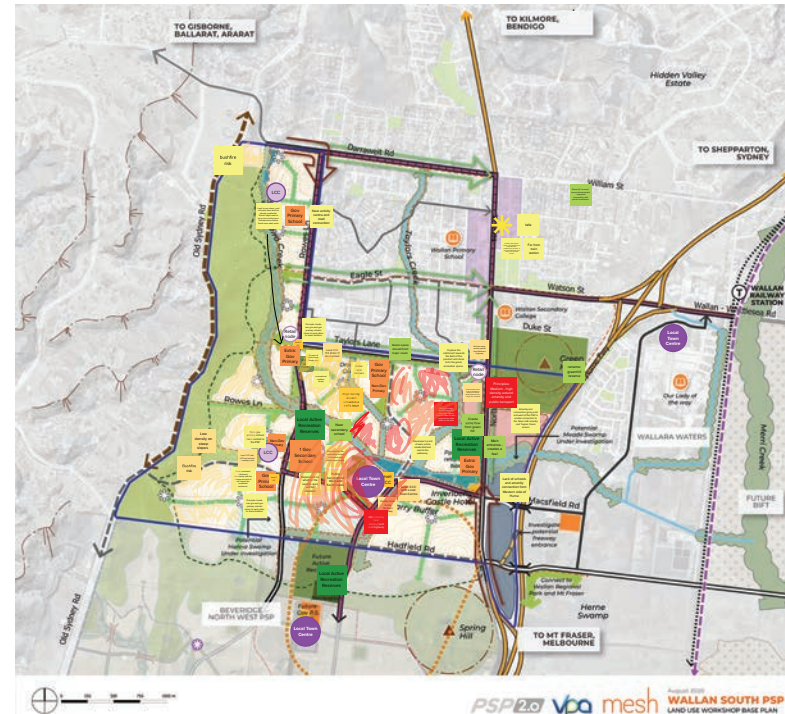
Type	Potential Amount (using benchmarking figures only)
Universities	Drag and drop these stars on the plan
TAFE	Drag and drop these stars on the plan
Special Schools	Drag and drop these stars on the plan
Hospitals	Drag and drop these stars on the plan

Item 4Review the location of the **Activity Centres****Item 5**Review the location of the **Mixed Use** land uses**Item 6**Review the potential location of **Employment** land uses**Step 2 10mins**

REVIEW the location of following items (**items 4-6**) on the Wallan South plan.



Drag and drop these scaled circles to calculate various catchments

**Activity #1**
Land Use Mapping
(40mins)

DRAWING KEY

- OPEN SPACE AMENITY**
 - REINFORCE DRAINAGE CORRIDOR: Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR: Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES: Amenity features for shops and community facilities. Opportunity to use for storm-water harvesting.
 - LINEAR RESERVES: Open space connections with dedicated walking and cycling.
 - AMENITY LINKS: Series of open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES: Conservation areas protecting existing biodiversity values.
 - ACTIVE RECREATION: Expansion of Creekline Reserve with additional sporting facilities. Opportunity to reconfigure reserved if a proposed outcome is found.
 - INVERLOUGH CASTLE HOTEL AND COBBAGO STAGING POST: Incorporate heritage buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS: Opportunity for diverse alternative uses such as public playgrounds or childcare which create a destination within the neighbourhood.
- MOVEMENT**
 - ENHANCE WALLAN TOWNSHIP GATEWAYS: Connections should contribute to a sense of arrival to this section of the township.
 - CONNECT TO WALLAN TOWN CENTRE: Ensure strong connections are provided back to Wallan Town Centre as a continuous through high-level service.
 - WILD WALKING TRAIL: Uninterrupted recreation walking trails through the hillsides.
 - ACTIVE WALKING AND CYCLING NETWORK: Shared network of walking and cycle networks. Separation of cycle and walking to be detailed later.
 - FREEWAY OVERPASS: Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD: Provide important district and regional connections around neighbourhoods and between PSPs.
 - CONNECTOR ROADS: Provide important vehicular and active transport connections between neighbourhoods.
 - SCENIC ROAD - OLD SYDNEY ROAD: This road exists as a unimproved road surrounded by vegetation. Internal change to this section of Old Sydney Rd is desired.
 - KEY LOCAL ROAD CONNECTIONS: These are existing roads within Wallan that provide connection into the existing neighbourhoods.
 - PRINCIPLE PUBLIC TRANSPORT NETWORK (PPTN): This correct must provide space for a dedicated public transport such as a tram or light rail frequency bus.
 - ALTERNATE PPTN: This alternate alignment is desired by the workshop groups and will be investigated.
 - RAILWAY: RAILWAY STATION: It is important to ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation.
- LAND USE**
 - To be discussed at next workshop in detail
 - DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES (labelled)
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
 - OTHER
 - WALLAN SOUTH PSP BOUNDARY
 - 2m CONTOURS
 - MODIFIED WATERCOURSE
 - 400m CATCHMENTS
 - POTENTIAL HANNA & MEADE SWAMP (Environmental significance under investigation)

**Step 3 10mins**

Using the pen tool, draw where you think residential land uses (i.e. their densities) should be located on the Wallan South plan.



Residential Densities

High Density

Average Lot Size 200m²

Medium Density

Average Lot Size 280m²

Standard Residential

Average Lot Size 470m²

Low Density

Average Lot Size 1000m²

Pen Tool Colour

Pen Tool Colour

Pen Tool Colour



Pen Tool Colour

Pen Tool Colour



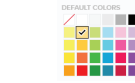
Pen Tool Colour

Pen Tool Colour



Pen Tool Colour

Pen Tool Colour



INSTRUCTIONS

**Step 1 20mins**

Locate where you think the following items (**items 1-3**) should be placed on the Wallan South map and add a sticky note to **explain why**.

**Item 1**Locate **Government and Non Government Schools**

Type	Potential Amount (using benchmark figures only)	Design Principles
Gov Primary School	3 @ 3.5 ha (each) Drag and drop these scaled squares on the plan	Located near public transport network Considered as a 'green' space Considered as a 'green' space
Gov Secondary School	1 @ 8.4 Ha Drag and drop these scaled squares on the plan	Located on a 'green' site Considered as a 'green' space Considered as a 'green' space
Non - Government Primary	2 @ 3 Ha (each) Drag and drop these scaled squares on the plan	Co-located with community facilities Located near active open space

Item 2Locate **Community Centres, Child Care and other social services**

Type	Potential Amount (using benchmark figures only)	Design Principles
Level 1 Community Centre	2 @ 0.8 ha (each) Drag and drop these scaled squares on the plan	Located in 'green' areas Considered as a 'green' space Considered as a 'green' space
Level 3 Community Centre (inc. library)	1 @ 2 ha Drag and drop these scaled squares on the plan	Ensure site access to public facilities and services Considered as a 'green' space Considered as a 'green' space

Item 3Locate **Sports Reserves**

Type	Potential Amount (using benchmark figures only)	Design Principles
Local Active Recreation Reserves	3 @ 8ha Drag and drop these scaled squares on the plan	Considered as a 'green' space Considered as a 'green' space Considered as a 'green' space
Indoor Recreation Facility	1 @ 2.1 Ha Drag and drop these scaled squares on the plan	Where possible, consider recreation opportunities Considered as a 'green' space Considered as a 'green' space

OPTIONAL: Locate 'Other Land Uses'

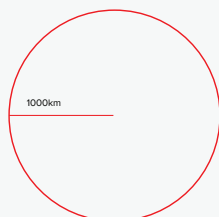
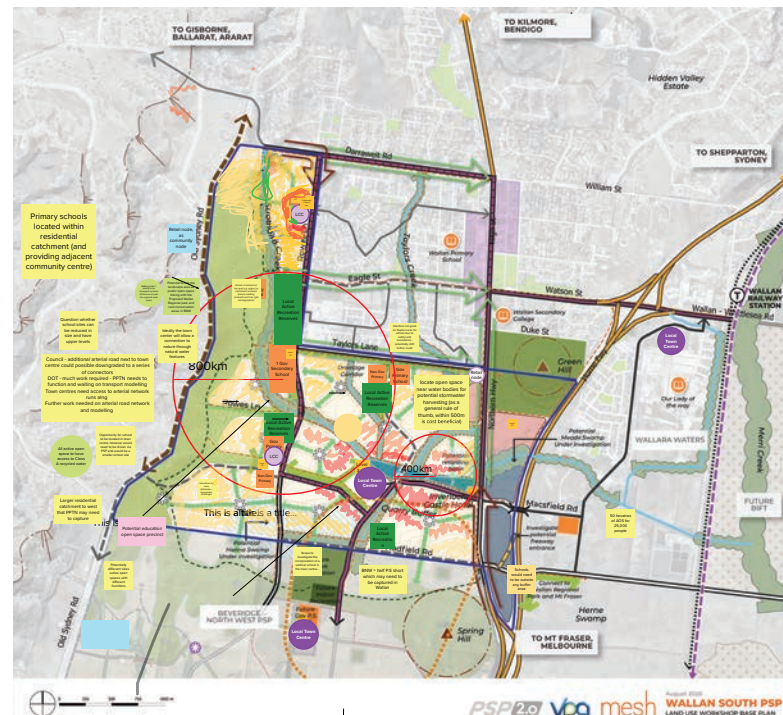
Type	Potential Amount (using benchmarking figures only)
Universities	Drag and drop these stars on the plan
TAFE	Drag and drop these stars on the plan
Special Schools	Drag and drop these stars on the plan
Hospitals	Drag and drop these stars on the plan

Item 4Review the location of the **Activity Centres****Item 5**Review the location of the **Mixed Use** land uses**Item 6**Review the potential location of **Employment** land uses**Step 2 10mins**

REVIEW the location of following items (**items 4-6**) on the Wallan South plan.



Drag and drop these scaled circles to calculate various catchments

**Activity #1**
Land Use Mapping
(40mins)

DRAWING KEY

- OPEN SPACE AMENITY**
 - REVEAL DRAINAGE CORRIDOR: Enhance and re-establish native vegetation and habitat along this section of waterway.
 - URBANISED DRAINAGE CORRIDOR: Opportunity to re-imagine the waterway to incorporate it into the adjacent amenity and development.
 - INVESTIGATE STANDING WATER BODIES: Amenity features for shops and community facilities. Opportunity to use for storm-water harvesting.
 - LINEAR RESERVES: Open space connections with dedicated walking and cycling.
 - AMENITY LINKS: Series of open space connections providing increased tree canopy and walkability.
 - LANDSCAPE VALUES: Conservation areas protecting existing biodiversity values.
 - ACTIVE RECREATION: Expansion of Council Reserve with additional sporting facilities. Opportunity to reconfigure reserve if a proposed outcome is found.
 - INVERDOCK CASTLE HOTEL-LAND COBBAGO STAGING POST: Opportunity for historic buildings into public space and neighbourhood gateway experience.
 - OTHER NEIGHBOURHOOD DESTINATIONS: Opportunity for diverse alternative uses such as public playgrounds or childcare which create a destination within the neighbourhood.
- MOVEMENT**
 - ENHANCE WALLAN TOWNSHIP GATEWAYS: Connections should contribute to a sense of arrival to this exciting township amenity.
 - CONNECT TO WALLAN TOWN CENTRE: Ensure strong connections are provided back to Wallan Town Centre as a convenient access to high-level services.
 - WILD WALKING TRAIL: Unsettled recreation walking trails through the hillsides.
 - ACTIVE WALKING AND CYCLING NETWORK: Shared shared walking and cycle network. Separation of cycle and walking to be detailed later.
 - FREEWAY/CHANGING: Improve access across and onto the freeway and highway where possible without compromising traffic flow.
 - ARTERIAL ROAD: Provide important district and regional vehicular connections around neighbourhoods and between PSPs.
 - CONNECTOR ROADS: Provide important vehicular and active transport connections between neighbourhoods.
 - SCENIC ROAD - OLD SYDNEY ROAD: This road exists as a unimproved road surrounded by vegetation. Internal change to this section of Old Sydney Rd is desired.
 - KEY LOCAL ROAD CONNECTIONS: These are existing roads within Wallan that provide connection into the existing neighbourhoods. This network must provide space for a dedicated public transport route as a traditional or high frequency bus.
 - PRINCIPLE PUBLIC TRANSPORT NETWORK (PPTN): This alternate alignment is desired by the workshop groups and will be investigated.
 - ALTERNATE PPTN: This alternate alignment is desired by the workshop groups and will be investigated.
 - RAILWAY: RAILWAY STATION: It is important to ensure the PSP is well connected to the existing Wallan Station through multiple forms of transportation.
- LAND USE**
 - To be discussed at next workshop in detail
 - DEVELOPABLE AREA
 - WALLAN TOWN CENTRE
 - LOCAL TOWN CENTRE
 - POTENTIAL LOCAL CONVENIENCE CENTRE
 - INVESTIGATE RETAIL OPPORTUNITIES
 - EXISTING EDUCATION FACILITIES (labelled)
 - POTENTIAL EMPLOYMENT
 - INVESTIGATE MIXED USE
 - OTHER: WALLAN SOUTH PSP BOUNDARY, 2m CONTOURS, MODIFIED WATERCOURSE, 400M CATCHMENTS, POTENTIAL HANNA & MEADE SWAMP (Environmental significance under investigation)

Step 3 10mins

Using the pen tool, draw where you think residential land uses (i.e. their densities) should be located on the Wallan South plan.



Residential Densities

Pen Tool Colour



High Density



Medium Density



Standard Residential



Low Density



WALLAN SOUTH

PLACE-BASED PLAN

CO-DESIGN WORKSHOP SUMMARY OCTOBER 2020

Prepared by mesh in conjunction with the VPA.

mesh

Level 2, 299 Clarendon Street, South Melbourne, VIC 3205

phone. +61 3 9070 1166 meshplanning.com.au

