



INFRASTRUCTURE DIRECTORATE
APPENDICES

ITEMS: 12.3.1 – 12.3.4
ORDINARY COUNCIL MEETING

To Be Held

Wednesday, 25th of August 2021
Commencing at 5.00pm

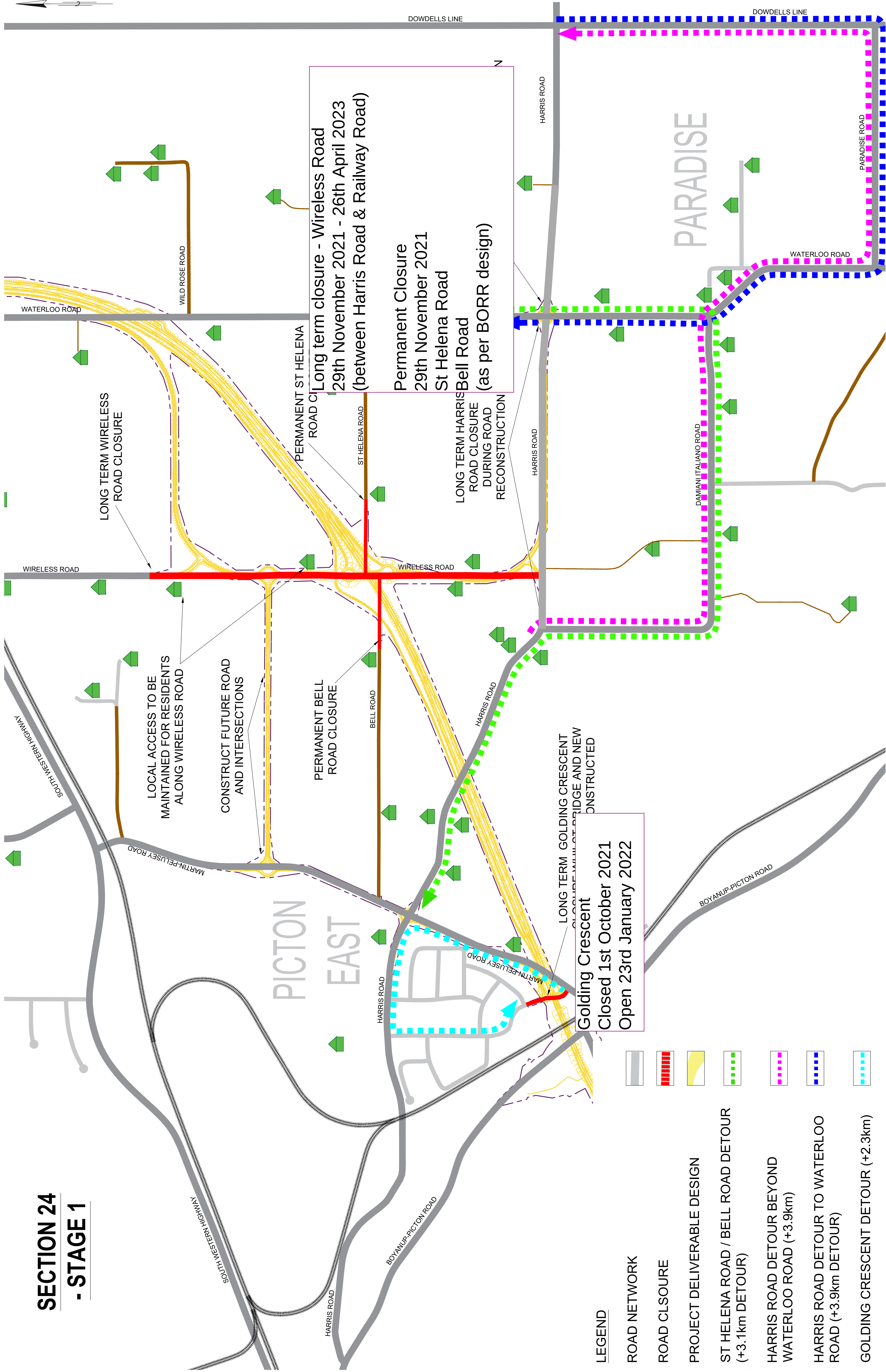
At

Shire of Dardanup
Administration Centre Eaton
1 Council Drive - EATON

This document is available in alternative formats such as:
~ Large Print
~ Electronic Format [disk or emailed]
Upon request.

RISK ASSESSMENT TOOL									
OVERALL RISK EVENT:		Regional Road Group Submission 2022/23							
RISK THEME PROFILE:		1 - Asset Sustainability Practices							
RISK ASSESSMENT CONTEXT:		Operational							
CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL			
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING	
HEALTH	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
FINANCIAL IMPACT	Risk that assets are not renewed at the end of their useful lives.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Not required.	Not required.	Not required.	Not required.	Not required.
FINANCIAL IMPACT	Risk that assets are not upgraded or created to meet demand.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Not required.	Not required.	Not required.	Not required.	Not required.
SERVICE INTERRUPTION	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
LEGAL AND COMPLIANCE	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
REPUTATIONAL	Risk that customer levels of service are reduced or not maintained to meet public expectation.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Not required.	Not required.	Not required.	Not required.	Not required.
ENVIRONMENT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.

SECTION 24
- STAGE 1



LEGEND

- ROAD NETWORK
- ROAD CLSURE
- PROJECT DELIVERABLE DESIGN
- ST HELENA ROAD / BELL ROAD DETOUR
(+3.1km DETOUR)
- HARRIS ROAD DETOUR BEYOND
WATERLOO ROAD (+3.9km)
- HARRIS ROAD DETOUR TO WATERLOO
ROAD (+3.9km DETOUR)
- GOLDING CRESCENT DETOUR (+2.3km)

Rev	DATE	DESCRIPTION	APPROVED	METADATA	South West Gateway Alliance Delivering the Bunbury Outer Ring Road				mainroads WESTERN AUSTRALIA INFRASTRUCTURE DELIVERY DIRECTORATE MAJOR PROJECTS Waterloo Crescent Telephone (08) 9323 4111 East Perth 6004 Fax (08) 9323 4430				DESIGNED	DRAWN	REVIEWED & ENDORSED	DRAWING TITLE	DRAWING No.	LOCAL AUTHORITY	MAIN ROADS RESPONSIBILITY AREA	REV
				GROUND SURVEY STANDARD: DATE OF CAPTURE: MAPPING SURVEY STANDARD: DATE OF CAPTURE: MAIN ROADS PROJECT ZONE: HEIGHT DATUM:												BUNBURY OUTER RING ROAD PROJECT SOUTH WEST GATEWAY ALLIANCE SECTION 24 STAGE 1		SHIRE OF DARDANUP		

SECTION 24
- STAGE 1

Stage 1 Closures
stay in place

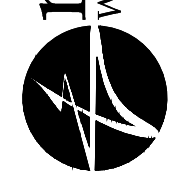
Harris Road Closed
5th January 2022 - 26th April 2023
Closures between
Italiano Rd - Waterloo Rd
Waterloo Rd - Dowdells Line

- LEGEND
- ROAD NETWORK
- ROAD CLSURE
- PROJECT DELIVERABLE DESIGN
- ST HELENA ROAD / BELL ROAD DETOUR
(+3.1km DETOUR)
- HARRIS ROAD DETOUR BEYOND
WATERLOO ROAD (+3.9km)
- HARRIS ROAD DETOUR TO WATERLOO
ROAD (+3.9km DETOUR)
- GOLDING CRESCENT DETOUR (+2.3km)

Rev.	DATE	DESCRIPTION	APPROVED	METADATA
				GROUND SURVEY STANDARD:
				DATE OF CAPTURE:
				MAPPING SURVEY STANDARD:
				DATE OF CAPTURE:
				MAIN ROADS PROJECT ZONE:
				HEIGHT DATUM:



South West Gateway Alliance
Delivering the Bunbury Outer Ring Road



mainroads
WESTERN AUSTRALIA

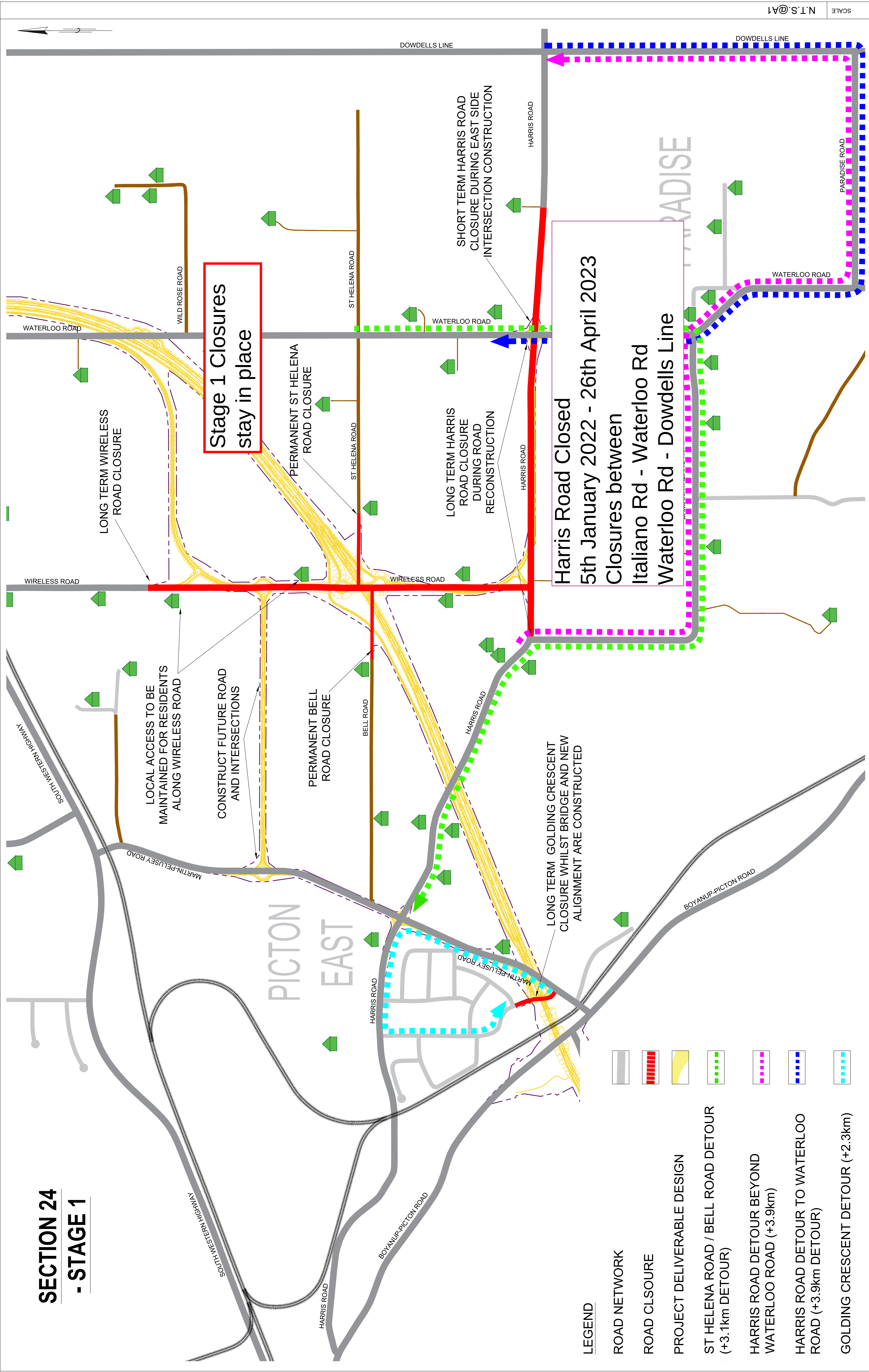


INFRASTRUCTURE DELIVERY DIRECTORATE
MAJOR PROJECTS

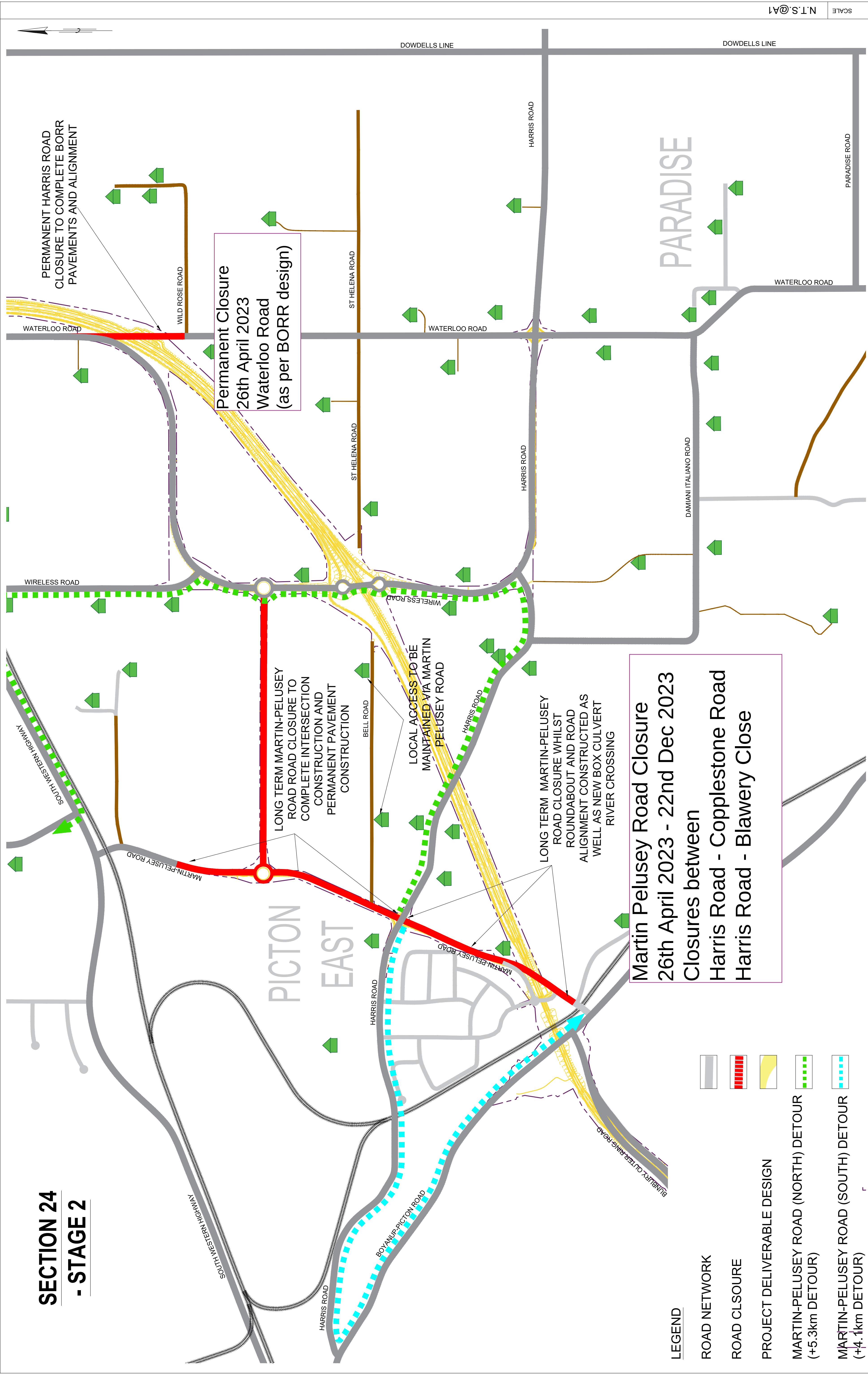
Waterloo Crescent
Telephone (08) 9323 4111

East Perth 6004
Fax (08) 9323 4430

DESIGNED	DRAWN	REVIEWED & ENDORSED	DRAWING TITLE	SHEET	REV
			BUNBURY OUTER RING ROAD PROJECT SOUTH WEST GATEWAY ALLIANCE SECTION 24 STAGE 2	A1	
			MRWA DRAWING No.		
			LOCAL AUTHORITY		
			SHIRE OF DARDANUP		
			DRAWING STATUS		
			DRAWING NUMBER		
			MAIN ROADS RESPONSIBILITY AREA		



SECTION 24
- STAGE 2



Martin Pelusey Road Closure
26th April 2023 - 22nd Dec 2023
Closures between
Harris Road - Copplestone Road
Harris Road - Blawery Close

Rev	DATE	DESCRIPTION	APPROVED
METADATA			
GROUND SURVEY STANDARD:			
DATE OF CAPTURE:			
MAPPING SURVEY STANDARD:			
DATE OF CAPTURE:			
MAIN ROADS PROJECT ZONE:			
HEIGHT DATUM:			
DRAWING TITLE			
BUNBURY OUTER RING ROAD PROJECT			
SOUTH WEST GATEWAY ALLIANCE			
SECTION 24			
STAGE 3			
SHEET			
A1			
SCALE			
N.T.S.@A1			
DRAWING No.			
-			
LOCAL AUTHORITY			
SHIRE OF DARDANUP			
DRAWING STATUS			
-			
MAIN ROADS RESPONSIBILITY AREA			
-			
REV			
-			



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Gateway Alliance
Delivering the Bunbury Outer Ring Road



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INFRASTRUCTURE DELIVERY DIRECTORATE
MAJOR PROJECTS

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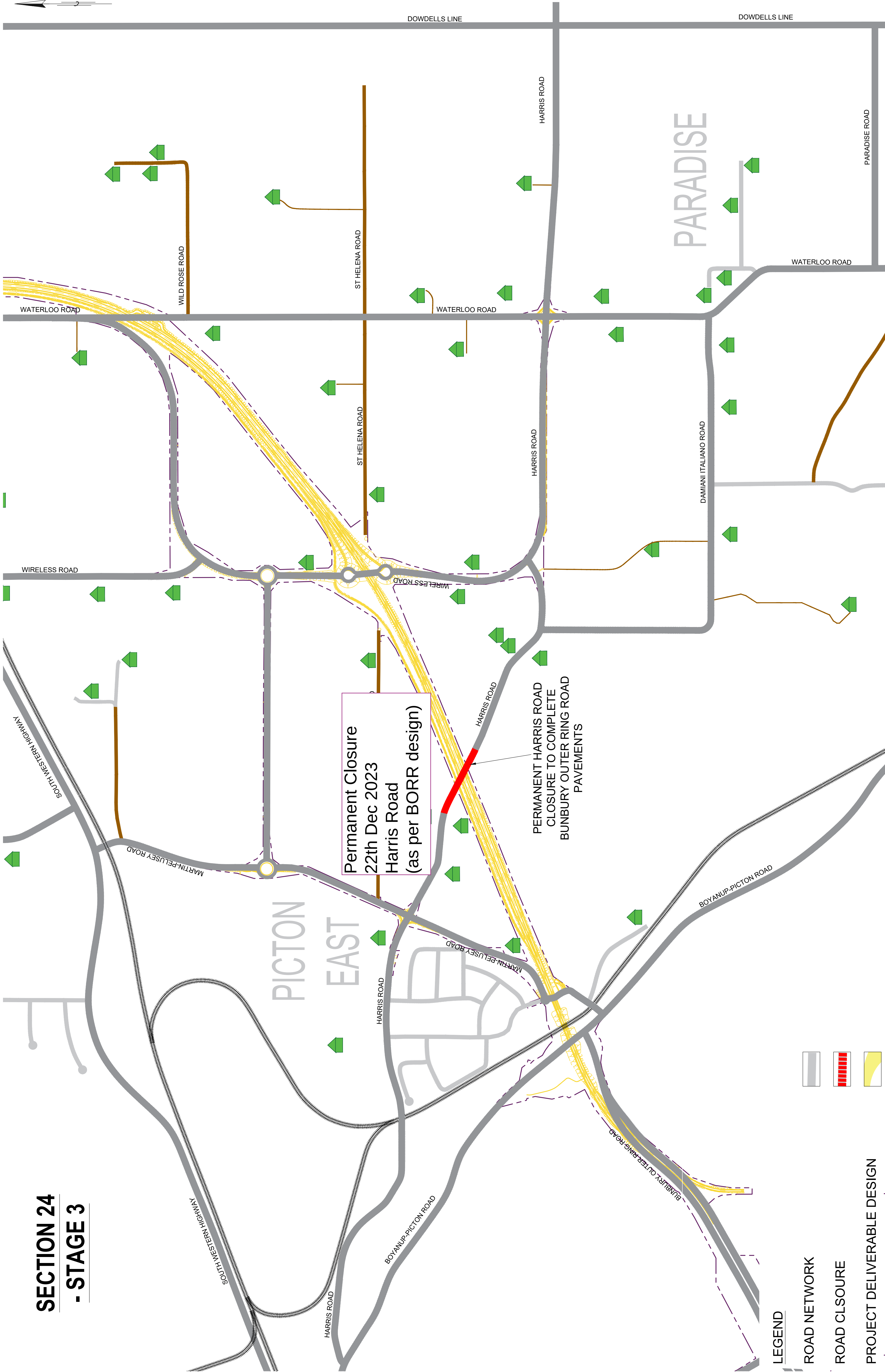
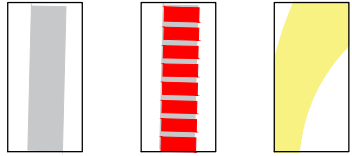
SECTION 24
- STAGE 3

PROJECT DELIVERABLE DESIGN

LEGEND

ROAD NETWORK

ROAD CLSOUR



Rev	DATE	DESCRIPTION	APPROVED
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METADATA	
GROUND SURVEY STANDARD:	DATE OF CAPTURE:
MAPPING SURVEY STANDARD:	DATE OF CAPTURE:
MAIN ROADS PROJECT ZONE:	HEIGHT DATUM:





INFRASTRUCTURE DELIVERY DIRECTORATE
MAJOR PROJECTS

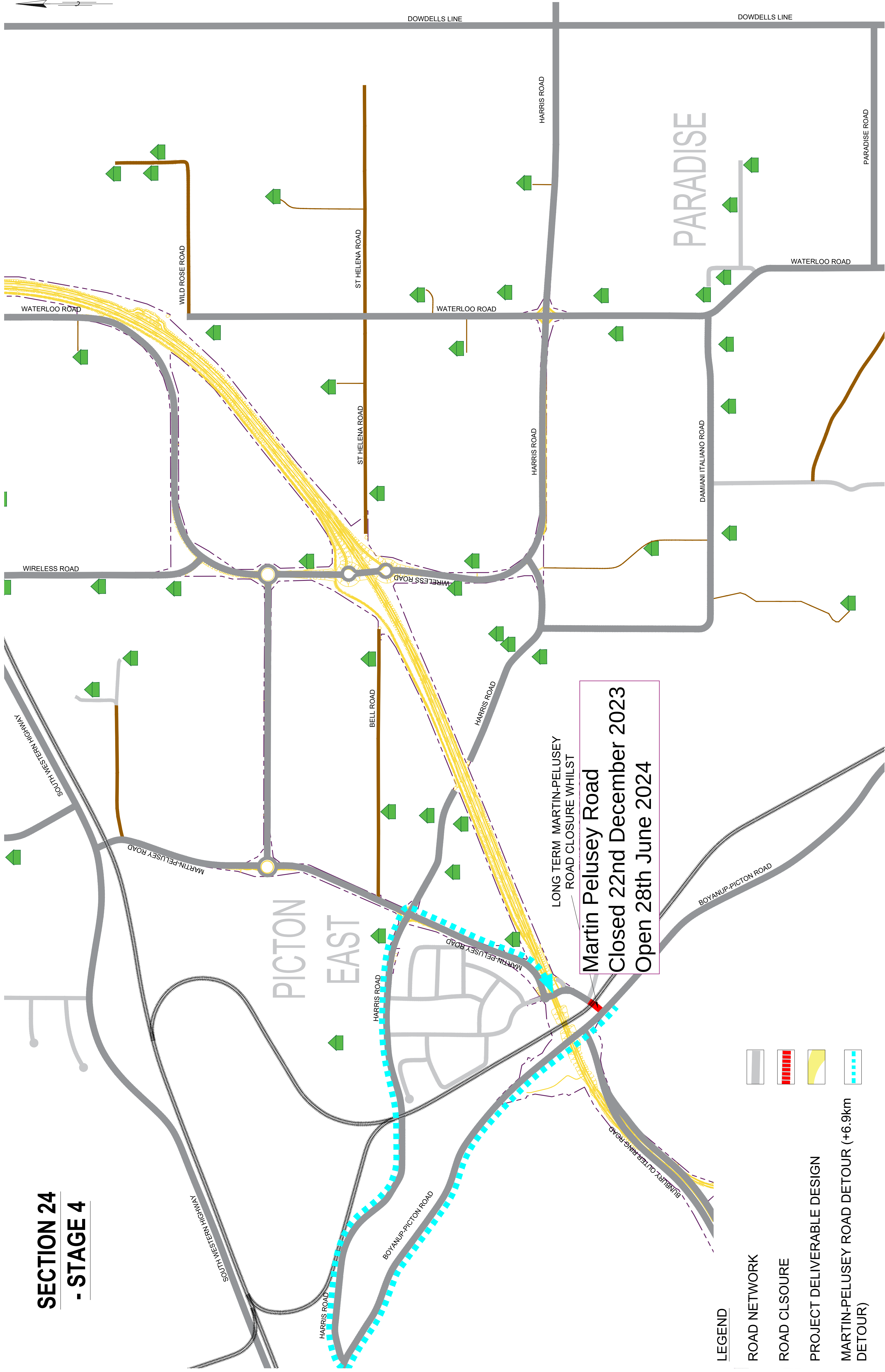
Waterloo Crescent
Telephone (08) 9323 4111

East Perth 6004
Fax (08) 9323 4430

DESIGNED	DRAWN	REVIEWED & ENDORSED	DRAWING TITLE	SHEET	REV
			BUNBURY OUTER RING ROAD PROJECT SOUTH WEST GATEWAY ALLIANCE SECTION 24 STAGE 4	A1	
			MRWA DRAWING No. -		
			LOCAL AUTHORITY SHIRE OF DARDANUP		
			DRAWING STATUS		
			MAIN ROADS RESPONSIBILITY AREA		

SCALE
N.T.S.@A1

SECTION 24
- STAGE 4



- LEGEND
- ROAD NETWORK
 - ROAD CLSURE
 - PROJECT DELIVERABLE DESIGN
 - MARTIN-PELUSEY ROAD DETOUR (+6.9km DETOUR)

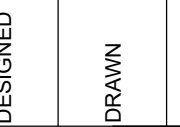
Rev.	DATE	DESCRIPTION	APPROVED	METADATA										DRAWING TITLE										SHEET																									
				GROUND SURVEY STANDARD:										BUNBURY OUTER RING ROAD PROJECT																																			
				DATE OF CAPTURE:										SOUTH WEST GATEWAY ALLIANCE																																			
				MAPPING SURVEY STANDARD:										SECTION 24																																			
				DATE OF CAPTURE:										STAGE 5																																			
				MAIN ROADS PROJECT ZONE:										MRWA DRAWING No.																																			
HEIGHT DATUM:										REVIEWED & ENDORSED										LOCAL AUTHORITY										MAIN ROADS RESPONSIBILITY AREA																			
APPROVED										DRAWING STATUS										SHIRE OF DARDANUP										DRAWING NUMBER										REV									



South West
Gateway Alliance
Delivering the Bunbury Outer Ring Road



mainroads
WESTERN AUSTRALIA



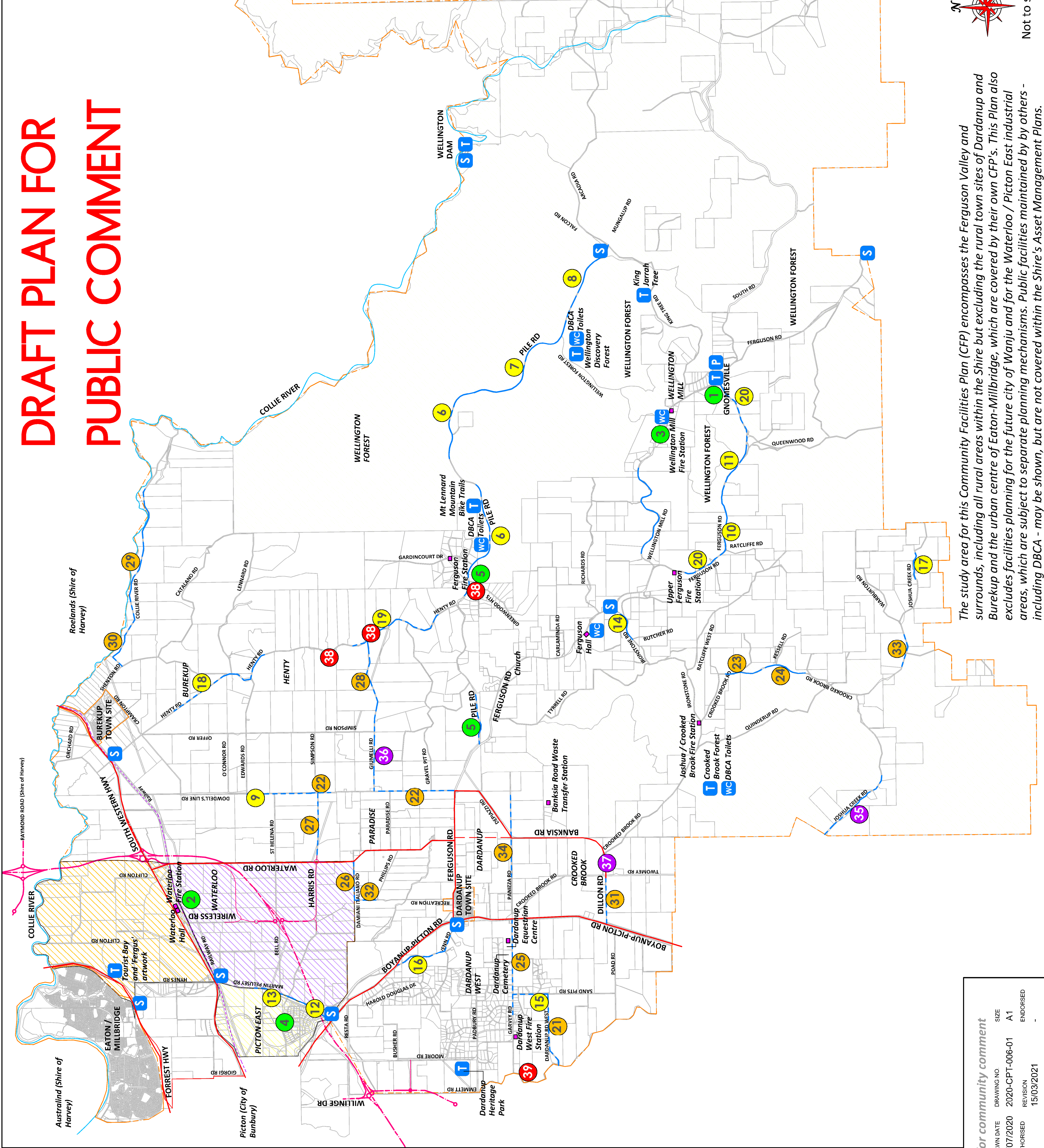
INFRASTRUCTURE DELIVERY DIRECTORATE
MAJOR PROJECTS

Waterloo Crescent
Telephone (08) 9323 4111

East Perth 6004
Fax (08) 9323 4430

RISK ASSESSMENT TOOL									
OVERALL RISK EVENT:		Bunbury Outer Ring Road – Notices of Proposed Road Closures							
RISK THEME PROFILE:		3 - Failure to Fulfil Compliance Requirements (Statutory, Regulatory)							
RISK ASSESSMENT CONTEXT:		Project							
CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL			RESIDUAL RISK RATING
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD		
HEALTH	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
FINANCIAL IMPACT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
FINANCIAL IMPACT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
SERVICE INTERRUPTION	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.
LEGAL AND COMPLIANCE	Public notices not issued in accordance with Section 3.50 of the Local Government Act 1995	Moderate (3)	Possible (3)	Moderate (5 - 11)	Issue public notices as per the Act	Moderate (3)	Rare (1)	Low (1 - 4)	
REPUTATIONAL	Residents and businesses not given the opportunity to make submissions in relation to road closures.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Issue public notices as per the Act and consider submissions if received	Moderate (3)	Rare (1)	Low (1 - 4)	
ENVIRONMENT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.	Not required.

DRAFT PLAN FOR
PUBLIC COMMENT



LEGEND

Existing features

- Boundary of study area *
- Major Road linkages
- Railway
- Shire building assets
- State Forest area
- Public toilet facilities
- Parking facilities
- Key Tourist attraction
- Ferguson Valley Marketing signage locations

Proposed improvements

- Road upgrades in Shire's Asset Management Plan
- BORR (approximate alignment) - Main Roads

Future opportunities

- Proposed Wanju urban expansion area
- Proposed Waterloo Industrial area
- Proposed Picton East Industrial area

PROPOSED IMPROVEMENTS

Possible timeframes for implementation are defined as follows:

- Immediate** - within 1 year (Year 1 - i.e. 2020-2021)
- Short term** - between 1-4 Years (Years 2 to 4)
- Medium term** - between 5-10 years (Years 5 to 10)
- Long term** - possible future projects (in more than 10 years)

Projects requiring the cooperation of an external authority or group

\$ Denotes projects which have been included in the Shire's 2020-21 Asset Management Plans for delivery
Denotes projects that are subject to feasibility, funding or the cooperation of an external agency or group
All proposed and possible future improvements are subject to feasibility, approval and funding.

PROPOSED IMMEDIATE IMPROVEMENTS (Year 1)	
1	Gnomesville - New Public Toilets and pathways
2	Waterloo Volunteer Bushfire Brigade - New building
3	Wellington Mill Volunteer Bushfire Brigade - New toilet / shower facility
4	Harris Road - Widening / Reconstruction 0.00 - 1.20 SLK (1)
5	Pile Road - Widening / Reconstruction 0.00 - 1.65, 4.60 - 5.66 SLK
PROPOSED SHORT TERM IMPROVEMENTS (Years 2-4)	
6	Pile Road - Widening / Reconstruction 5.66 - 7.99, 9.01 - 11.56 SLK
7	Pile Road - Widening / Reconstruction 11.56 - 14.05 SLK
8	Pile Road - Widening / Reconstruction 14.05 - 16.94 SLK
9	Dowdell's Lire Road - Widening / Reconstruction 3.85 - 5.69 SLK
10	Ferguson Road - Widening / Reconstruction 14.89 - 15.99 SLK
11	Ferguson Road - Widening / Reconstruction 15.99 - 19.93 SLK
12	Martin Pelussey Road - Widening / Reconstruction 0 - 1.25 SLK
13	Martin Pelussey Road - Widening / Reconstruction 1.25 - 2.4 SLK
14	Ironstone Road - Widening / Reconstruction 0.00 - 1.01 SLK
15	Dardanup West Road - Widening / Reconstruction 0 - 2.22 SLK
16	Venn Road - Widening / Reconstruction 0 - 2.22 SLK
17	Joshua Creek (Joshua Brook) Road - Widen gravel 9 - 9.71 SLK
18	Blackspot Proposal - Nomination 1: Henty Road 2.5-5.5 SLK #
19	Blackspot Proposal - Nomination 2: Henty Road 8.0-11.0 SLK #
20	Blackspot Proposal - Nomination 3: Ferguson Road 13.6-19.6 SLK #
PROPOSED MEDIUM TERM IMPROVEMENTS (Years 5-10)	
21	Dardanup West Road - Widening / Reconstruction 1.01 - 2.97 SLK
22	Dowdell's Lire Road - Widening / Reconstruction 0.03 - 2.07, 3.41 - 3.85 SLK
23	Crooked Brook Road - Widening / Reconstruction 10.02 - 10.53 SLK
24	Crooked Brook Road - Widening / Reconstruction 10.53 - 12.40 SLK
25	Garvey Road - Widening / Reconstruction 0 - 2.5 SLK
26	Damiani Italiano Road - Widen / Reconstruction 1.97 - 2.98 SLK
27	Harris Road - Widening / Reconstruction 5.76 - 7.44 SLK
28	Gumelli Road - Construct sealed road 2.30 - 4.18 SLK
29	Collee River Road - Widening / Reconstruction 1.61 - 5.47 SLK
30	Collee River Road - Widening / Reconstruction 0 - 1.61 SLK
31	Dillon Road - Widening / Reconstruction 0 - 1.35 SLK
32	Recreation Road - Widening / Reconstruction 1.99 - 2.69 SLK
33	Joshua Creek (Joshua Brook) Road - Widen gravel 6.25 - 7.2 SLK
34	Panizza Roac - Widen gravel 1.17 - 3.38 SLK
PROPOSED LONG TERM IMPROVEMENTS (Beyond Year 10)	
35	Joshua Creek (Joshua Brook) Road - Seal 0.0 - 2.30 SLK #
36	Gumelli Road - Widen and seal 0.0 - 2.30 SLK #
37	Dardanup Bypass Road (South HV Link) #
38	OPPORTUNITIES - May require the co-operation of an external authority
39	Ferguson Valley potential scenic photo points (Henty and Ferguson roads) #
	Possible future picnic spot/s along Preston River, in Dardanup West - Location/s TBC #
	Additional opportunities to be identified through community and stakeholder engagement

The study area for this Community Facilities Plan (CFP) encompasses the Ferguson Valley and surrounds, including all rural areas within the Shire but excluding the rural town sites of Dardanup and Burekup and the urban centre of Eaton-Millbridge, which are covered by their own CFP's. This Plan also excludes facilities planning for the future city of Wanju and for the Waterloo / Picton East industrial areas, which are subject to separate planning mechanisms. Public facilities maintained by others - including DBCA - may be shown, but are not covered within the Shire's Asset Management Plans.



Draft plan for community comment			
DESIGNED	DRAWN DATE	DRAWING NO	SIZE
VP	30/07/2020	2020-CPT-006-01	A1
DRAWN	AUTHORISED	REVISION	ENDORSED
VP	LB	15/03/2021	-

Ferguson Valley and Surrounds Community Facilities Plan 2021:

Outcomes of Community Engagement June-July 2021

The draft Ferguson Valley and Surrounds Community Facilities Plan was developed in 2020-21 with input from the Ferguson Valley Advisory Group. It was endorsed by Council for public advertising at the Ordinary Council Meeting held on 31 March 2021 (Council Resolution 51-21), for the purposes of seeking community feedback.

The community engagement was initially open for comments for four weeks, from 4 May to 1 June, 2021. It was then reactivated to extend the engagement for an additional four weeks from 25 June until 23 July, 2021 in a bid to seek a greater level of input from the community.

Between 4 May and 1 June 2021, the draft Plan was advertised for comment through the Shire's tool 'Connect', via the Social Pinpoint online engagement platform, and promoted through:

- Public notices
- May edition of the 'Community News' (Bunbury Herald & Bunbury Mail)
- Shire website post – May 12
- Website reminder notice – May 28
- Email newsletter – May 15
- Facebook posts – May 4, 21, 29
- Dardanup Times – May edition
- Ferguson Valley Advisory Group members were asked (in the meetings, and included in distributed notes) to encourage community members to participate in the engagement.

A large printed copy of the plan was also located in both the Eaton and Dardanup Shire Offices to support the engagement.

Between 25 June until 23 July 2021, the draft Plan was once again advertised for comment through 'Connect' and promoted through new public notices, on the Shire website, through social media posts on Facebook with regular reminders – including on the Shire's Facebook page and in the '1 Heart Dardanup' group. It was promoted again via email to the Ferguson Valley Advisory Group members and to community and select agency stakeholders. This second outreach period included the distribution of 278 hard copy direct letters to rural residents and promotion in the July 15 Shire E-newsletter. Hard copies of the draft Plan were once again made available in both of the Shire offices for both stages of the engagement.

In total, across the whole engagement – comprising of both the original and extended consultation period – a total of 15 comments were received via Social Pinpoint from 8 unique users. An additional 6 submissions were received by email from community members and 3 agency stakeholder comments were received from the Water Corporation, DBCA and Ferguson Valley Marketing.

All comments received by the closing date of 23 July 2021 have been included in the submissions table below. One late submission was received on 30 July 2021. This has not been included in the submissions table, but is recorded below it for information and possible future consideration.

Note that any information which might identify a respondent has been removed to protect their privacy. Names and contact details are retained for reference in the Shire's records management system.

All participants who provided a postcode have been identified as coming from the following localities:

- 6236 (Dardanup area, including Ferguson Valley) = three respondents
- 6227 = one respondent (Burekup)
- 6231 = one respondent (Bunbury)

The draft plan was subsequently reviewed, giving consideration to stakeholder comments received, with Officer Comments provided in the table below. Recommendations for amendments to the Plan will be noted in the Report to Council when the Plan is presented for endorsement.

Submissions Table and Officer Comments

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	Comments received through the Social Pinpoint online engagement:		
1	Given the growing number of young families in the Dardanup West area, a playground/public open space within close proximity to the new estates would be a well-used resource for the Dardanup West community!	2 – 0 = net total of 2 votes in favour	The provision of open space is nominated in the Dardanup West structure plan – see below comment regarding picnic spots on the Preston River (<i>item no. 39 on draft advertised plan.</i>) The provision of a playground in Dardanup West is not in accordance with the Shire's established service levels for public open space in rural areas, so this is not supported for inclusion in the Plan.
2a	Why a Dardanup bypass road, when the trucks etc will use the BORR to get to South West Highway? Tourists need to be attracted to Dardanup, not encouraged to Bypass the town.	0 – 1 = net total of -1 votes in favour of comment (unclear if this was a down vote for the comment, or for the proposal)	<i>[Comment relates to item no. 37 on advertised draft Plan]</i> The proposed bypass road is intended primarily for trucks, to reduce the amount of heavy vehicles travelling down Ferguson Road through Dardanup townsite, in a bid to improve community safety. It is believed that tourism promotions of Dardanup and attractions within the town will still attract visitors into Dardanup. Propose to retain Dardanup Bypass road on plan, noting that the southern section has been included in

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
			Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate
			the Shire's amended ten year program for medium term implementation. The northern link (Waterloo Road to Banksia Road extension), shown by a dotted line on the Plan, is not included in the Shire's ten year program and has been nominated as a longer term proposal.
2b	There is no mention of further upgrade to Poad Road. The drainage on the road is diabolical. There is a small drain beside part of the road. Sooner or later a car is going to get stuck in it in the winter.	1 – 0 = net total of 1 vote in favour	Upgrades to Poad Road are not included in the Shire's ten year program. It is not recommended to include this in the Plan but it could be considered in the future along with other possible future road improvement projects, subject to feasibility / a business case as appropriate. A Shire Fusion works request will be created to see if any maintenance could improve the situation.
2c	Picnic areas along Preston River not a good idea with long vegetation and steep river banks. Fire and snake risks in summer.	1 – 0 = net total of 1 vote in favour	<i>[Comment relates to item no. 39 on advertised draft Plan]</i> Noted.
3	The improvements thus far to Pile Road have not considered slow moving or heavy haulage traffic traversing Pile Road from Ferguson Road eastbound. Can there be consideration for a traffic pull off zone at the point indicated to facilitate passing. The point	N/A	Such a proposal would require further investigation as it is not in the scope of works for Pile Road that has been approved by Council.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	indicated was a part of the Pile Road (pre improvement) and is ideally suited given that the road verge width could accommodate a pull off bay with minimal earthworks. The location is also well positioned for "line of site".		Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate This is not in the Shire's ten year program but could be considered in a future revision of the Ferguson Valley and Surrounds Community Facilities Plan. A business case would be required to support this initiative to determine feasibility.
4	Dowdells Line carries a fair amount of heavy vehicles which have to pass each other sharing the very rough single vehicle seal while the other side of the vehicle is avoiding trees, guide posts or pot holes. We farm along Dowdells Line so use this road regularly. We have witnessed many near misses. Also vehicles exiting from St Helena Rd onto Dowdells Line have a very obstructed view with trees impeding vision.	N/A	Improvements to Dowdell's line are already included in the Shire's works program, with 2kms of widening and reconstruction scheduled to occur in the short term. A Shire Fusion works request will be created to see if any maintenance could improve the situation – including attending to potholes and judicial pruning as deemed necessary.
5	To attract visitors to spend more time in the area a boutique caravan park system of up to 10 caravans per park. This can add to farm incomes as well as existing tourist destinations throughout the area. The idea would provide accommodation in the area encouraging an economic viability for restaurants and the like.	1 – 0 = net total of 1 vote in favour	The Shire's Planning Department has advised that "Caravan Park" is a discretionary use in the General Farming zone under TPS3. Anyone wishing to operate a caravan park would need to submit a development application for Council's consideration and demonstrate compliance with various State Planning Policies, including SPP 3.7 Planning in Bushfire Prone Area.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
6a	There are enough trucks around this area without encouraging more plus wasting prime land is disgracefull!	N/A	Noted. Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate
6b	I went bushwalking around here a couple of weeks ago, the smell and rubbish was terrible. I would find it extremely embarrassing for the Shire if a visitor experienced this. You want to put in more photo opportunity spots then get rid of the tip and you would have a lot more places to choose from. I know plenty of people that come down for a day trip or a weekend from Perth to visit the Valley, More tourist opportunities, spots for a meal and places to see should be encouraged	N/A	Noted. Shire Planning staff have provided the following comments with respect to any community concerns expressed over the Cleanaway site on Banksia Road: 'The Cleanaway landfill site at Lot 2 Banksia Road is an existing landfill facility with a series of development and environmental approvals. Any further development of additional waste cells at the Cleanaway site require development approval. If an application is lodged by Cleanaway for further development the Shire will need to process it in accordance with the Planning and Development (Local Planning Schemes) Regulations 2015. This will involve public consultation prior to the proposal being considered by Council. Council in May 2021 approved a Local Development Plan for Lot 2 Banksia Road and all application received are to be assessed against the provisions of the approved LDP.'

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
6c	Turn the parallel parking spots into angle to allow more parking, With the pub and bakery so popular on a weekend more parking is needed	N/A	This comment relates to facilities provision in the Dardanup townsite, for which a Community Facilities Plan has already been endorsed. Parking improvements in the commercial precinct is already being investigated along Charlotte Street as part of outcomes of the endorsed Plan for Dardanup.
7	Blackspot proposal. To widen and realign the Lennard Road bridge over the Henty Creek to improve the visibility for traffic.		This proposal is not in the Shire's ten year asset management plans so would need investigation for feasibility, including whether Regional Road Group funding would be accessible for a project on a local access rural road. Recommend adding this to a list of ideas for investigation as possible future improvements.
8a	Maintenance required at Weetman Road, Wellington Mill which has deep pot holes in a small section.		A works request has already been issued to tend to this matter.
8b	Suggest to consider sealing the remaining gravel section of King Tree Road, Wellington Mill from King Jarrah Tree to Mungilup Road. This would provide alternative tourist access between Wellington Dam (mural) and Ferguson Valley, Gnomesville etc.		Sealing the road would require widening and associated vegetation clearing. As this is an environmentally sensitive area, this is not recommended. DBCA recently upgraded and sealed Wellington Forest Road, which now provides a safe route from Pile Road

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
			through to King Tree Rd and almost directly connects Wellington Dam to Ferguson Valley / Gnomesville.
	Written submissions received, via email:		
9	As you are aware, our development at Lot 1894 King Tree Road, Wellington Mill was approved with the condition that Weetman Road be upgraded, and that we pay a contribution to this upgrade. The contribution to this upgrade has been paid in full. We note that this road upgrade is missing from the Draft Ferguson Valley Community Facilities Plan. The current state of the road is substandard for general traffic and does not meet the conditions of Table 3 in SPP3.7 which specifies the requirements for roads in bushfire prone areas. An image of the current condition is shown in Appendix 1. We kindly request that this upgrade be included in the Ferguson Valley Community Facilities Plan and that the upgrade be carried out as soon as possible.		The upgrade of Weetman Road is not currently included in the Shire's ten year program, but it could be considered in future by Council. As this matter is directly related to a development application involving a financial contribution which has been paid by the applicant towards the upgrade works, it is recommended that this matter be addressed separately to the Community Facilities Plan.
10	<i>Regarding Pont 37 of the draft Plan:</i> No Thank you. Enough changes to Waterloo road. Waterloo road becomes a dead end just past St. Helena in the BORR plan I have enough trucks speeding past already. 2 major S bends that have homes on them, cattle orchards and the compensation won't be worth it. My family have		Noted.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	been here for 100 years We are trying to move the tip not make it easy for them Dardanup doesn't need a bypass but it needs moving of the waste facility or a return to shire only facility. Panizza Rd residents don't want the trucks, I don't want/ like the trucks and Dowdells line won't want them. To try and sell it as a bypass road, when it views as a direct access to the waste site is insulting by not only the shire but Clean away If you want to take the rates you are, you need to think of the Dardanup/ Ferguson people trying to build tourism Thankyou		
11	I would like to provide the following feedback on the draft plan: 1. Whilst I am supportive of reconstruction of roads where necessary – particularly crumbling edges that create a hazard for cyclists on the roads, I am not supportive of widening of rural roads as a way to improve safety on the roads. Traffic Calming Principles actually utilise many of the features present on the roads in Ferguson Valley and surrounds to improve safety. These Traffic Calming Principles should be incorporated in any future planning. Including:		All comments noted. Regarding point 3, scenic photo points are already proposed in the Plan subject to investigations, feasibility and funding. Regarding point 4, see previous comment regarding recommendation to retain Dardanup Bypass Road on Plan. Regarding point 5, Dardanup Conservation Park is fully managed by the Department of Biodiversity, Conservation and Attractions so the Shire is not able to comment on this suggestion.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	a. Vertical elements on the road edges have been proven to reduce the speed and increase the awareness of motorists. Vertical elements are deliberately being implemented into road projects in cities and towns where traffic speed needs to be reduced. No tree tunnels, trees or vegetation should be removed from road verges. b. Increasing the width of roads will increase the speed of motorists as they perceive it is safer. c. Bends in the road slow motorist's speed. 2. Visitors drive through the Ferguson Valley for the beauty and character of the area. All projects should have a focus on preserving the features that make the area unique. 3. Scenic photo points and pull off areas could provide opportunities for visitors to pull over safely to enjoy vistas and passing opportunities for potential conflicts between commuters and traffic such as groups of cyclists. This is used as a feature overseas, eg the entire Island of Mull is		Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	single lane with passing lay bys on both sides of the road at intervals for traffic. 4. Delete extension of Waterloo Rd to Banksia Rd. This would create a physical division between Dardanup and Ferguson Valley. It also adds strength to any proposals for incompatible industrial projects which conflict with the aspiration of the community. 5. Begin the processes required to extend Dardanup Conservation Park to include the entire adjacent state forest area up to Ironstone Rd. This is in line with recent Government plans to improve habitat corridors for wildlife.		
12	Thank you for posting me this draft Ferguson and Surrounds Facilities Plan for comment. I would like to offer thoughts on how I think the ambience and feel of the Ferguson Valley tourism area would be best preserved and enhanced. Protecting the rural feel of the roads in this valuable tourism asset is an important part of visiting the valley – and tourism is the areas major employer.		All comments noted. With regard to comments on the proposed Dardanup Bypass Road, it should be noted that the alignment of this proposal has not yet been established. It is subject to further investigations, feasibility and concept planning. With regard to comments on road cycling trails, the Shire has received funding to undertake a local bike

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	Road straightening and widening generally encourages vehicles to go fast. I would suggest that bends in Ferguson Valley roads be preserved as a traffic calming tool. I urge the shire to plan for traffic calming with the inclusion of bends. Existing tree tunnels should be preserved – especially the tree tunnels on Ironstone Road corner of Prout Road and Dowdells Line approaching Ferguson Road intersection. Therefore this section of Dowdells Line should not be widened. More tree tunnels could be planted as so many have been destroyed over the years The BORR exits for Wanju at Waterloo Road and for the Martin Pelusey Industrial land at Waterloo Road temporarily have a secondary purpose to provide access to the Tip at Banksia Road via the existing Waterloo Road. Since the entire community are working hard to stop expansion of the tip, over the next few years we can expect vehicle numbers to be gradually reduced. Waterloo Road will eventually revert to being a desirable access to Dardanup and		Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate plan. This will include all townsites in the Shire and the connecting cycle routes. With regard to comments on showing picnic spots in the Wellington Nature Walk opposite the Fire Shed and at Gnomesville, only 'T' (key tourist attractions) have been shown on this Plan, rather than smaller picnic areas. A toilet will be shown on the Plan for Gnomesville as this has recently been constructed. With regard to comments on the 'FVM sign proposed for the junction of Ferguson and Ironstone Roads' – this was installed a number of years ago and is existing. With regard to suggestions for picnic spots on the Collie River Road heading out of Burekup, one picnic spot was already nominated for possible future consideration in the Burekup Community Facilities Plan (near the townsite). This would need investigation before being included in a facilities Plan as much of the land along the Collie River is relatively inaccessible and there may not be adequate room to provide access and car parking. This could be considered in future.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	Ferguson Valley tourism precinct (our major employer of the area). The existence of the tip is the primary reason for the existence of the proposed Waterloo Road to Banksia Road extension – as per historical ministers requirements specifically for the “waste precinct” on the Local Planning Strategy. Dardanup is already bypassed by the SW Highway and even the Picton Boyanup Road. Holiday makers etc should be encouraged to enter Dardanup for the history, services and attractions there. It serves no purpose for the reputation of Ferguson Valley tourism industry to have people driving past Cleanaways Garbage Mountain at Banksia Road as they will have an uninterrupted view of Mount Rubbishmore for the entire stretch of the new road. This road extension could in fact be severely detrimental to assets, values, amenity and business in the “Ferguson Valley and Surrounds”. If this proposed road is built (over arguably the richest agricultural soils in the state) Ferguson Valley could be disconnected from Dardanup, a great shame for the region. Please start the process to delete the Waterloo to Banksia Road extension plan (marked as red dotted		Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate With regard to suggestions for the Dardanup Conservation Park, this conservation reserve is fully managed by the Department of Biodiversity, Conservation and Attractions so the Shire is not able to comment on this suggestion.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate
	line) inappropriately known as the "Dardanup Bypass" A roadmap of road cyclist trails could be devised with signage to expressly remind them to stay single file and use hand signals unless it is an event with escort vehicles. Road reserves not currently in use could become exclusively road cycling paths taking the cyclists off much of the busier Ferguson Road. These could include Tyrrell Rd, Richards Rd (east) to Wellington Mill Rd and Ratcliffe Rd. There is currently a picnic spot in the Wellington Nature Walk opposite their Fire Shed – this could be noted, along with Gnomesville as a picnic spot. There are WCs at both of these points. I am unsure why there is a FVM sign proposed for the junction of Ferguson and Ironstone Roads. Tourists are already well and truly in the valley at this point and it may be wiser to draw them into the valley by placing the sign at the Crooked Brook Rd junction of Ironstone Road Is there a good spot for picnics on the Collie River Road heading out of Burekup?		

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	Why is the Dardanup Conservation Park not a “key tourism attraction”? It is rich with rare orchids and native flora and fauna. Could the Shire start the process to extend the Dardanup Conservation Park by including the balance of the state forest South and East of the Dardanup Conservation Park – that is all adjoining forest currently state forest between Crooked Brook Road, Tyrrell Road and Ironstone Road? I understand this government is open to this sort of idea. Many thanks for your consideration		
13	I would like to thank the Shire of Dardanup for the opportunity to comment on the proposed development projects in the Ferguson Valley community. I welcome construction of the toilets at Gnomesville, as the facility is sorely needed for the incredibly popular tourist attraction. I am not in a position to comment on the need for the fire shed upgrades, or the numerous road upgrades which I presume are necessary. I note that Item 38 has a reference to “external authority” to put in place several scenic photo points. Which authority does this refer to? At least		Noted. Item 38 as shown on the advertised draft Plan, ‘Ferguson Valley potential scenic photo points’ was included in the red ‘Opportunities’ section of the Plan, as it may involve liaison with the Ferguson Valley Marketing association.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	one of the sites has negligible impact on any road traffic, and could be completed with minimal effort? Am I correct in assuming that this plan does not cover Dardanup, as there is a need for a range of improvements in the townsites? Thanks again.		
14	To whom it might concern, My husband and myself understand the importance of planning into the future. We have seen in increase in traffic flow along Ferguson Road. The importance of keeping people, locals and tourists safe is extremely important and we do understand that roads in the shire must be kept in good order. The Ferguson Valley roads need good clear vision at intersections to roads and businesses and attention to signage is important. Edges on these roads should be improved and any area of road that needs to be used for school bus services should be sealed. To lower some roads speed limits will also help.		Noted. Response to suggestion for caravan park facility included in previous comments.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	We cannot understand the need for a bypass road around Dardanup, we should encourage tourists into our township, then more business would be attracted to the town. Once again I believe Dardanup really needs a council caravan park. The continuation of Waterloo road to butt onto Dillon road, acting as a bypass, will destroy some prime agricultural land and only serve to cater for the Waste industries. Thank you for the opportunity to comment.		
	Agency Stakeholder Comments:		
15	Water Corporation <i>Matt Calabro</i> <i>Advisor – Land Planning Development Services</i> Thank you for your letter dated 29th June 2021. We offer the following comments in regard to this proposal.		The Shire acknowledges that any proposed buildings or structures that impact on any Water Corporation rural drains will need to be referred to the Water Corporation for advice regarding protection of these assets. Any work conducted near Water Corporation assets will need to follow the process outlined on the Water Corporations website (web address provided).

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	Water Corporation has no objection to the proposed draft Ferguson Valley and Surrounds Community Facilities Plan. Please note the Water Corporation has several rural drains that traverse this part of the Shire. Any proposed buildings or structures that impact on these drains will need to be referred to the Water Corporation for advice regarding protection of these assets. Any work conducted near Water Corporation assets will need to follow the process outlined on the Water Corporations website here: https://www.watercorporation.com.au/Developing-and-building/Working-near-assets Should you have any queries or require further clarification on any of the above issues, please do not hesitate to contact me.		
16	Department of Biodiversity, Conservation and Attractions (DBCA) <i>Aminya Ennis</i>		Support of Plan noted. DBCA provided a briefing to the Shire on their trails projects on 2 August 2021.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	DBCA Wellington District staff don't have any comments on the proposed Community Facilities Plan, which will complement our works within the Wellington National Park. I understand that we will be briefing Shire staff on 2 August in relation to trails on DBCA-managed lands in the Shire and hope to see you then.		Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate The Shire acknowledges that the expansion of DBCA's trails network – including the Wambenger Trails – will provide additional recreational opportunities to Shire residents and visitors, and is supportive of DBCA's initiatives.
17	Ferguson Valley Marketing <i>Phil Smith, Chairman</i> At our recent Board meeting discussion took place in relation to the Ferguson Valley Community and Facilities Plan and the priority assign to visitor related projects. It was noted that the following having been afforded a low priority: 38 – Ferguson Valley potential scenic photo points (Henty and Ferguson roads) 39 – Possible future picnic spot/s along Preston River, in Dardanup west – Location/s TBC #		The provision of the scenic photo points is not in the Shire's current ten year program; any inclusion in the Asset Management Plans for any timeframe between 1-10 years would need to be decided by Council. This initiative has been included in the red 'opportunities' section only because it is not included in the ten year program. Red colour coding only indicates that it will require the cooperation of an external authority, in this instance input from the Ferguson Valley Marketing association to ensure that when committed to, any such project meets the association's objectives.

(Appendix ORD: 12.3.3B)

Respondent and their comment (a, b, c etc)	Respondent Comment	Any net votes from Community Engagement (Up votes subtract any Down votes)	Officer Comment
	- (no number) Additional opportunities to be identified through community and stakeholder engagement Noting the increased visitation to the Ferguson Valley, to generate more income and therefore more employment Ferguson Valley Marketing Inc ask that items 38 and 39 be afforded a higher priority. In addition, further consideration be provided to expanding visitor serving opportunities within the area. Please do not hesitate to contact me to discuss this matter.		Note that as issues relate to different departments within the Shire, comments have been provided by different relevant staff members as appropriate

Late submissions

The following comments were received after the consultation closing date, after the submissions table (above) had been compiled and statistics analysed. It has not been included in the submissions table but is instead noted below.

Email received on 30 July 2021 from resident:

'Dear Dardanup, Just a simple suggestion to offer for a road location please. Part way along Henty Road in Burekup between the Offer Road and Lennard Road intersections, there is a small channel bridge with a 14t load rating sign. The bridge crossing is ideally best used one vehicle at a time, two vehicles crossing at the same time from opposite directions is a bit tight. Locals know this, but visitors don't. It could be helpful please to place road markings and signs to prompt waiting and single vehicle use? Thank you and with kind regards, (name withheld.)'

Shire officer comment: This crossing is a Harvey Water asset, which will be upgraded by them in the current financial year. It is understood that this upgrade will include the widening of the crossing.

Social Pinpoint ‘Likes’ and ‘Dislikes’

Any voting outcomes were recorded with ‘Likes’ (up votes) being votes in favour of a particular proposed improvement or comment and ‘Dislikes’ (down votes) being votes against it.

As only a small number of proposals received any votes and the engagement mostly attracted comments – either within the ‘Connect’ engagement or via written submissions – these will be the primary mechanism considered, with up and down votes only shown for information.

Plan Review

The Draft plan will be reviewed and amended as required by Shire Staff, with consideration given to the outcomes as outlined in the overall community engagement outcomes as outlined in this document. It will then be presented to Council for endorsement as the final Plan, with details of any amendments provided.



PLAN REPORT

FERGUSON VALLEY AND SURROUNDS COMMUNITY FACILITIES PLAN August 2021

(Appendix ORD: 12.3.3C)

Shire of Dardanup Infrastructure Services
Report – Ferguson Valley and Surrounds Community Facilities Plan

Document Control

Version No	Version Date	Description
1.0	15 March 2021	Draft Plan Report to Council
2.0	9 August 2021	Final Plan Report to Council

(Appendix ORD: 12.3.3C)

1. Executive Summary	4
2. Project Team	5
3. Project Details	6
3.1 Background	6
3.2 Strategic Alignment	6
3.3 Population & Demographic Growth	7
3.4 Existing Community Facilities and Environmental Areas	8
3.5 Project Boundary	9
3.6 Scope & Deliverables	10
3.6.1 Assess existing plans and documentation	10
3.6.2 Community Consultation Methodology and Results	13
3.7 Recommended Community Facilities	13
3.8 Costing of Community Facilities	15
3.9 Funding Opportunities	15

1. Executive Summary

The Ferguson Valley and Surrounds Community Facilities Plan (The Plan) provides advice on the immediate, short, medium and long term community facility improvements to be considered in the Shire's forward plans as well as future opportunities which may require the cooperation of an external authority. The Plan has been prepared following assessment of existing facilities together with consideration of proposals contained within the Shire's existing Ten Year Asset Management Plans from initial review and feedback from the Ferguson Valley Advisory Group.

The Draft Plan was prepared with input from the Ferguson Valley Advisory Group and refined by Shire staff following an extended community consultation period. Detailed outcomes of the engagement are included in the Community Engagement Outcomes Report at [Appendix B](#).

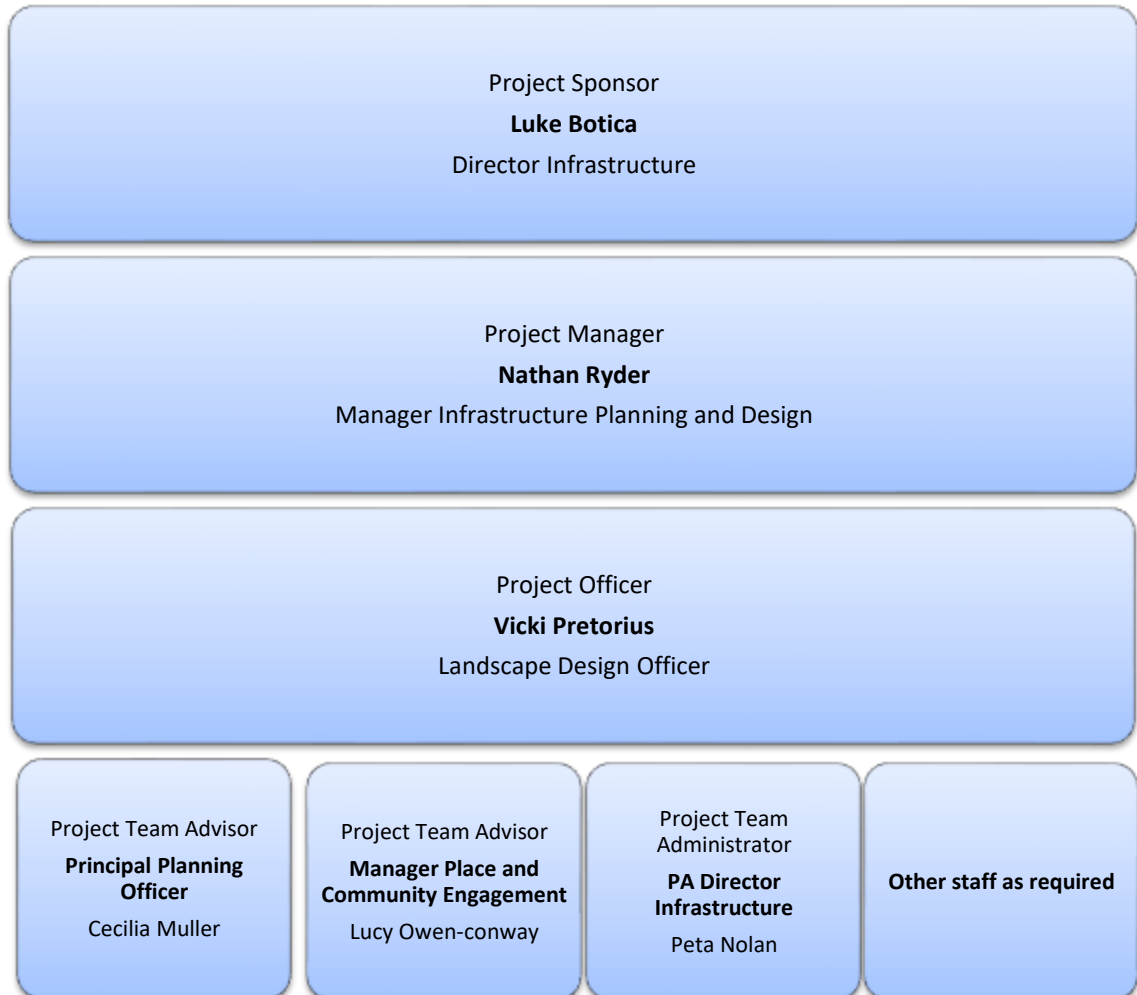
The August 2021 Plan is presented to Council as the final version for endorsement. This version of the report accompanies the final Plan.

The Plan is attached at [Appendix D](#).

(Appendix ORD: 12.3.3C)

2. Project Team

The following chart provides the project personnel structure:



THIS REPORT IS APPROVED FOR USE		
Name	Signature	Date
Luke Botica Director Infrastructure		

(Appendix ORD: 12.3.3C)

3. Project Details

3.1 Background

The aim of this study was to produce the Ferguson Valley and Surrounds Community Facilities Plan and Report.

The final Plan provides a visual representation of all current and proposed facilities that result from the research and community consultation undertaken in the study. The Plan provides advice on the short, medium and long term community facilities to be considered in the Shire's forward plans. The Plan documents projects which are already included in the Shire's Asset Management Plans as well as possible future opportunities, including projects which may require the cooperation of an external agency or group to implement.

For the purposes of this project, the term 'facilities' is inclusive of all Shire assets and infrastructure, including buildings, formal recreational amenities, community playgrounds, public artworks, tourist amenities, paths, roads, drainage systems, precinct signage, lighting and other public amenities; as well as green spaces such as public open space, environmental corridors, trails and other nature spaces, and streetscapes. The terms 'facilities plan' and 'master plan' can be considered to be interchangeable in this regard.

The accompanying final Plan report provides the textual component of the Plan, and includes detailed information illustrating how background research, sound planning principles and best practice asset management underpin the recommended facilities. This report provides a link between information derived from the community consultation process and the resultant Community Facilities Plan.

The culmination of the works undertaken provides the Shire of Dardanup with a researched summary of community and stakeholder expectations together with proposals for community facilities and other improvements that are based upon the study, together with best planning and financial practices. The resulting Plan seeks to encourage visitors from both within and outside the Ferguson Valley and Surrounds community and to support local economic growth as well as community development.

3.2 Strategic Alignment

The Ferguson Valley and Surrounds Community Facilities Plan project meets the following objectives of the Shire of Dardanup Strategic Community Plan:

- **Strategy 2.3.1** - Delivery of a high level of Development & Regulatory Services that considers the environmental, social and land use planning requirements which meets the diverse community needs. (Service Priority: Flagship)
- **Strategy 2.5.1** Develop, review and implement Townscape Plans. (Service Priority: High)
- **Strategy 2.6.1** - Provide a variety of places to live, work and play that meet the current and future needs of the community. (Service Priority: Very High)
- **Strategy 4.1.4** - Facilitate the provision of essential services and infrastructure to support the growing community and local economy. (Service Priority: High)
- **Strategy 4.2.3** - Foster and promote the Ferguson Valley as a tourism destination. (Service Priority: Very High)

(Appendix ORD: 12.3.3C)

3.3 Population & Demographic Growth

Facilities within the defined study area serve the interests of both those living in the Ferguson Valley and surrounds areas as well as those residents from other localities within the Shire and from other local government areas including the Shire of Harvey and City of Bunbury. The facilities are also used by visitors from further afield, especially for tourism purposes. Facilities within the Ferguson Valley and Surrounds area support a range of functions including commercial, postal, educational, sporting / recreational and other social / cultural aspects. The target population has been defined accordingly. The final Plan will take into consideration the needs and wishes of all those who are identified as project stakeholders below.

The Australian Bureau of Statistics (ABS) 2016 Census provides statistical information on the separate Ferguson Valley and Surrounds areas. This data was taken into consideration in the development of the Plan.

Summary population forecasts from Forecast ID for Shire of Dardanup areas, based on ABS data, are included below. Note that the Shire's rural areas have all been covered in the three categories of Burekup and District, Dardanup – Picton East and Surrounds, and Wanju and that this will include population statistics for the townsites of Burekup and Dardanup as well as for the future city of Wanju.

Based on this, the greatest increase in population between 2016 and 2041 is projected to be in Wanju – currently a rural land area, but planned for transformation into a bustling new urban centre. Following this, the Dardanup – Picton East and Surrounds looks to be the next biggest population growth area, which may be in part due to the expansion of the Dardanup town centre and in the number of Dardanup West rural smallholdings.

Population summary								
Shire of Dardanup		Forecast year					Change between 2016 and 2041	
Area	2016	2021	2026	2031	2036	2041	Total change	Avg. annual % change
Shire of Dardanup	14,390	14,969	15,988	17,980	20,728	24,097	+9,707	+2.08
Burekup and District	1,541	1,526	1,541	1,595	1,710	1,856	+315	+0.75
Dardanup - Picton East and Surrounds	1,602	1,584	1,626	1,831	2,076	2,317	+715	+1.49
Eaton (East)	4,379	4,388	4,911	5,265	5,583	5,725	+1,346	+1.08
Eaton (West)	4,339	4,318	4,377	4,460	4,565	4,711	+372	+0.33
Millbridge	2,459	3,084	3,320	3,287	3,236	3,211	+752	+1.07
Wanju	70	69	213	1,541	3,558	6,278	+6,208	+19.70

Source: Population and household forecasts, 2016 to 2041, prepared by .id (informed decisions), October 2018.

It should be noted that the data from the August 2021 Census was not available at the time of finalisation of the Plan and accompanying report. This updated 2021 data should be considered in any future reviews of the Plan and in the planning for significant projects for the Shire's rural areas.

(Appendix ORD: 12.3.3C)

3.4 Existing Community Facilities and Environmental Areas

The main existing Shire facilities within the study area are located on the draft Plan.

Condition assessments of existing facilities are routinely undertaken by Shire Assets staff and will be referenced in any planning and design of proposed and future improvements.

The key facilities in the Ferguson Valley and Surrounds (excluding facilities within the townsites of Dardanup and Burekup) include:

Buildings / civic facilities

- Ferguson Hall – community use
- Waterloo Hall – community use
- Volunteer Bushfire Brigade Buildings at Ferguson, Upper Ferguson, Wellington Mill, Dardanup West, Joshua / Crooked Brook and Waterloo
- Banksia Road Waste Transfer Station facility
- Dardanup cemetery

Roads and streetscapes

- Major Road linkages including the Forrest Highway, South Western Highway, Boyanup-Picton Road, Ferguson Road and Waterloo Road
- Rural roads – sealed and unsealed

Public open space areas – limited provision in rural areas but includes:

- Wellington Mill open space, opposite fire station

Tourism and recreational facilities

- Gnomesville
- Dardanup Equestrian Centre – leased to Dardanup Equestrian Club
- ‘Fergus the Bull’ artwork (Forrest Highway tourist bay)
- Crooked Brook Forest – DBCA
- Wellington Forest (including Discovery Forest) – DBCA
- Wellington Dam area (south of Collie River) – DBCA
- King Jarrah Tree – DBCA
- Recreational trails – including walk trails, Mount Lennard Mountain Bike Trails, horse bridle trails and private trails (not marked on this plan) – primarily DBCA

Note that while several of the above are managed by DBCA, they have been shown on the Plan as they provide valuable opportunities to the community including facilities. There are also numerous private tourism and hospitality venues in the study area as well as the Dardanup Heritage Park.

Private commercial interests which are not readily accessible to the public do not form part of this study and as such as not included in the Plan or Plan Report.

Environmental areas

The Ferguson Valley and Surrounds includes environmentally sensitive areas, including National Park, State Forest and waterways. While these are primarily managed by others,

(Appendix ORD: 12.3.3C)

including the Department of Biodiversity, Conservation and Attractions (DBCA), it is important to consider any potential environmental impacts when planning for all proposed and possible future projects within the Shire, and to protect and preserve any environmentally sensitive areas as a high priority wherever possible.

Dardanup Conservation Park (DCP) has been shown on the Plan but excluded from inclusion as a community facility in the list above as its purpose is to to maintain and restore the natural environment and to protect native flora and fauna. DCP is managed by DBCA, who have advised that as the park contains no visitor facilities and/or amenities for tourism purposes they are reluctant to promote access to the park. DBCA has advised that 'DCP contains significant biodiversity values, including fragile Whicher Scarp vegetation communities, which are known to support priority flora species and threatened fauna. The Whicher Scarp vegetation communities are considered to be poorly reserved with only 574ha of the pre-1750 extent remaining. This is well below the recommended 1500ha threshold for the retention of remnant vegetation.'

3.5 Project Boundary

The overall study area encompasses all rural areas within the Shire of Dardanup that are not covered by the following townsites facilities plans:

- Burekup Community Facilities Plan – endorsed by Council on 26 August 2020;
- Dardanup Community Facilities Plan – endorsed by Council on 24 February 2021;
- Eaton / Millbridge Community Facilities Plan – draft plan is currently in progress.

The study area includes the rural localities of:

- Ferguson Valley
- Crooked Brook
- Wellington Mill
- Wellington Forest
- Henty
- Burekup (excluding Burekup townsites)
- Waterloo
- Paradise
- Dardanup (excluding Dardanup townsites)
- Dardanup West

These areas are shown in the below map.

Areas nominated as Wanju future urban expansion or Waterloo / East Picton future industrial development areas are excluded from this study as they are subject to separate planning mechanisms.



3.6 Scope & Deliverables

A Project Team was formed to undertake the following deliverables. The outcomes of each deliverable is outlined below:-

3.6.1 Assess existing plans and documentation

Plans and policies affecting the locality were considered in the development of the Plan. These included the following:

- Structure Plans applicable to any expansion within the rural Shire areas, e.g. Dardanup West structure plans;
- Existing Developer Contribution Plan;
- Greater Bunbury Region Scheme;
- Shire of Dardanup Local Planning Strategy;
- Shire of Dardanup Town Planning Scheme No.3;
- Expected growth in the area; and
- Any other relevant planning mechanisms.

The Department of Biodiversity, Conservation and Attractions (DBCA) presented information to Shire staff in August 2021 on their plans for the expansion of the recreational trails network within DBCA managed land including the Wellington Forest. This overall network is being developed under the name 'Wambenger Trails.' The Shire deems that any development of

(Appendix ORD: 12.3.3C)

trails by DBCA within and nearby the Shire of Dardanup area will improve the provision of recreational facilities to Shire residents and visitors and is supportive of this initiative.

Any other relevant planning mechanisms

The development of the future proposed city of Wanju may have implications for the level of facilities service provision in the study area of Ferguson Valley and Surrounds. Residents of the Ferguson Valley and Surrounds areas may have new sporting and other facilities available close by so all proposed future longer term projects may be subject to consideration of feasibility with respect to the Wanju District Structure Plan and associated Planning frameworks that are borne from it.

Land use / management responsibility

Land within the study area can be broadly categorised into the following uses:

- Ferguson Valley Tourism Area
- Nature Based Activities
- Food and Tourism
- Rural Small Holdings

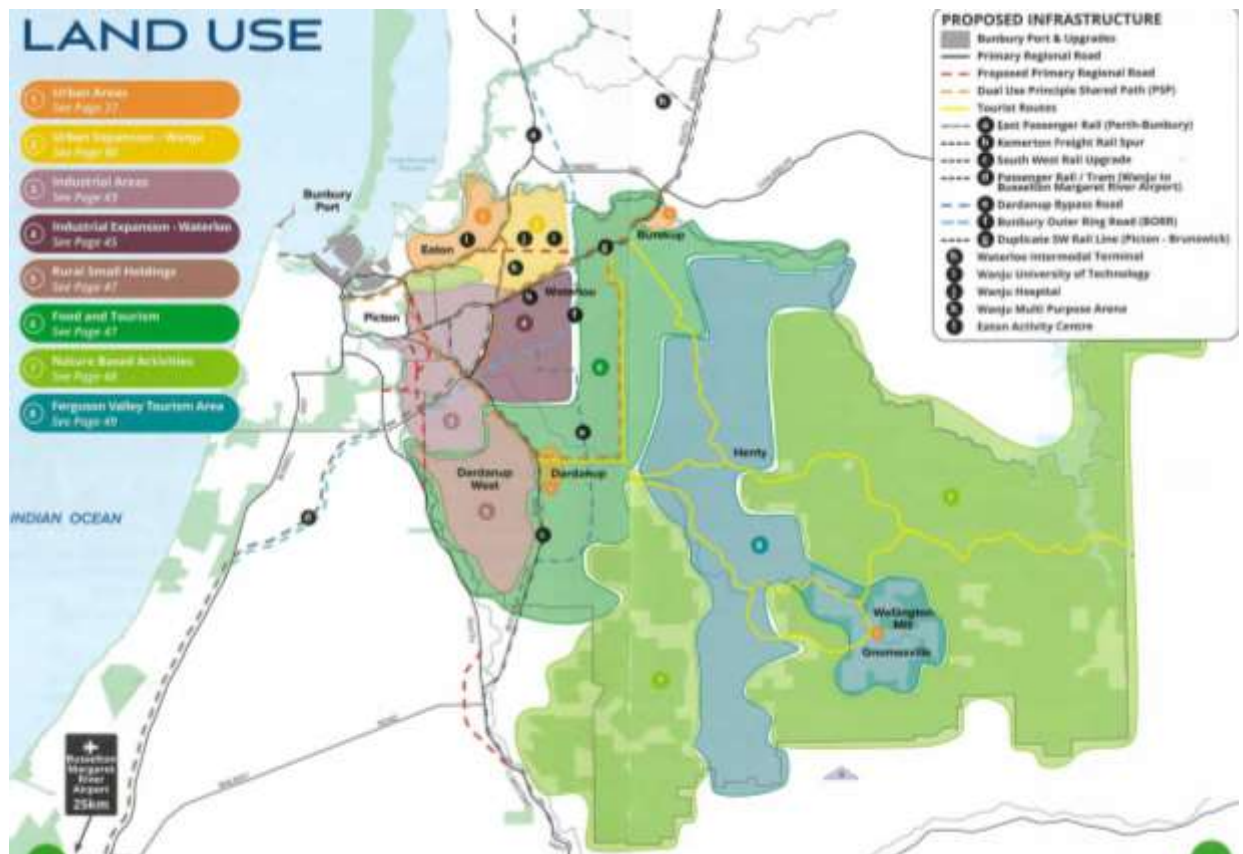
This study excludes the following land use areas:

- Urban areas (Eaton/Millbridge, Dardanup and Burekup)
- Urban Expansion areas (Wanju)
- Industrial Areas
- Industrial Expansion - Waterloo

Much of the land is privately owned and managed, with the balance owned and managed by the State, including by the Department of Biodiversity, Conservation and Attractions (DBCA).

The land use areas are shown in the below map, which has been extracted from the Shire's '2050 Vision' document.

(Appendix ORD: 12.3.3C)



Heritage significance of the study area

The Ferguson Valley and surrounds has a rich history. The local Aboriginal people, the Noongars of the Bibbulmun nation, lived on and cared for the land for around 40,000 years. Despite the disruption to their way of life on the land from the arrival of European settlers, the Noongars remain the Traditional Owners of the land.

The locality of Ferguson, including a river in the area, were named after Dr John Ferguson who was an early European property owner in the vicinity following his arrival in Western Australia in 1842. Mr Thomas Little arrived to settle in the now townsite of Dardanup in 1852. The Government sub-divided the land in the district for settlement and the townsite was officially recognised in 1923. There are a number of heritage listed sites in the overall area.

Wellington Mill townsite was established in 1900 as a hub for the growing timber logging and milling industry. It was connected to Dardanup by a spur railway line. The raised railway alignment can still be seen through the centre of the Gnomesville site, where a bridge used to cross the river. The main mill closed in 1919 and Wellington Mill was nearly all destroyed in a fire in 1950.

Since European settlement, the Ferguson region has been used as cattle raising and dairying country and wine production is now becoming common. The Ferguson Valley and nearby Henty county have grown to both become increasingly popular tourist destinations, due to their picturesque rural qualities and proximity to both Bunbury and the Wellington State Forest and Dam.

(Appendix ORD: 12.3.3C)

3.6.2 Community Consultation Methodology and Results

The Shire engaged the broader community by inviting comment on the draft plan through the following channels:

- Newspaper advertisement through the 'Community News' section and in the 'Dardanup Times' publication;
- Placement of public notices in locations including both the Dardanup and Eaton Shire offices and on local community noticeboards within the rural areas of the Shire;
- Website and social media posts;
- Hard copies, located in both the Eaton and Dardanup Shire offices;
- Online engagement via 'Connect' – the Shire's online tool using the Social Pin Point platform;
- Direct correspondence with identified key external stakeholder agencies;
- Requesting that Ferguson Valley Advisory Group members share the link to the engagement with their networks;
- Promotion in the Shire's e-newsletter;
- A direct mailout to 278 rural residence in the Shire, including a hard copy map and letter inviting input to the consultation process;
- Invitations to comment on the draft Plan were also sent to relevant agency stakeholders.

The detailed outcomes of the community engagement process, including Shire officer comments in response to community comments, are included in the report at [Appendix B](#). The submissions table within this community engagement outcomes report includes recommendations for which community ideas to include in the Plan, which ideas could be addressed outside of the Plan (such as through maintenance requests) or which ideas are not deemed feasible and therefore not recommended for inclusion in the Plan.

A review of the outcomes of the approximately eight week community engagement period, which closed on 23 July 2021, helped to inform the amendments to the Plan.

3.7 Recommended Community Facilities

As at August 2021, the derivative list of proposed improvements from the draft Plan is as follows:

(Appendix ORD: 12.3.3C)

Possible timeframes for implementation are defined as follows:

	Immediate - within 1 year (Year 1 - ie. 2021-2022) *
	Short term - between 1-4 years (Years 2 to 4) *
	Medium term - between 5-10 years (Years 5 to 10) *
	Long term - possible future projects (in more than 10 years)
	Projects requiring the cooperation of an external authority or group

* Projects already included in the Shire's Asset Management Plans for implementation

\$ Projects that are subject to external funding such as grants

Projects that are subject to the cooperation of an external agency or group

All proposed and possible future improvements are subject to feasibility, approval and funding.

Delivery timeframes are subject to change, to reflect any decisions by Council resulting in priority changes.

PROPOSED IMMEDIATE IMPROVEMENTS (Year 1) *	
1	Gnomesville - New Public Toilets and pathways
2	Waterloo Volunteer Bushfire Brigade - New building
3	Wellington Mill Volunteer Bushfire Brigade - New toilet / shower facility
4	Harris Road - Widening / Reconstruction 0.00 - 1.20 SLK
5	Pile Road - Widening / Reconstruction 5.66 - 7.99, 9.01 - 11.56 SLK
6	Henty Road - Reinstate Shoulders 2.5-5.5 SLK #
7	Henty Road - Reinstate Shoulders 8.0-11.0 SLK #
8	Venn Road - Widening / Reconstruction 0 - 2.22 SLK
PROPOSED SHORT TERM IMPROVEMENTS (Years 2-4) *	
9	Ferguson Road - Widening / Reconstruction 13.56-19.56 SLK
10	Pile Road - Widening / Reconstruction 11.0 - 16.78 SLK \$
11	Joshua Creek (Joshua Brook) Road - Widen gravel 9 - 9.71 SLK
12	Dowdell's Line Road - Widening / Reconstruction 3.85 - 5.69 SLK
13	Dardanup West Road - Widening / Reconstruction 1.01 - 2.97 SLK
14	Martin Pelusey Road - Widening / Reconstruction 0 - 2.40 SLK (MRWA BORR project)
15	BORR - intersecting local roads projects (MRWA BORR project)
PROPOSED MEDIUM TERM IMPROVEMENTS (Years 5-10)	
16	Dardanup Bypass Road - Southern section (HV link) - Banksia Road to Dillon Road \$
17	Dardanup West Road - Widening / Reconstruction 0 - 1.01 SLK \$
18	Garvey Road - Widening / Reconstruction 0 - 2.5 SLK
19	Ironstone Road - Widening / Reconstruction 0.00 - 1.10 SLK
20	Dowdell's Line Road - Widening / Reconstruction 0.03 - 2.07, 3.41 - 3.85 SLK
21	Crooked Brook Road - Widening / Reconstruction 10.02 - 10.53
22	Crooked Brook Road - Widening / Reconstruction 10.53 - 12.40 SLK
23	Recreation Road - Widening / Reconstruction 1.99 - 2.69 SLK
24	Damiani Italiano Road - Widen / Reconstruction 1.97 - 2.98 SLK
25	Harris Road - Widening / Reconstruction 5.76 - 7.44 SLK
26	Dillon Road - Widening / Reconstruction 0 - 1.35 SLK
27	Collie River Road - Widening / Reconstruction 0 - 1.61 SLK
28	Collie River Road - Widening / Reconstruction 1.61 - 4.43 SLK
PROPOSED LONG TERM IMPROVEMENTS (Beyond Year 10)	
29	Joshua Creek (Joshua Brook) Road - Seal 0.0 - 2.20 SLK # \$
30	Joshua Creek (Joshua Brook) Road - Widen gravel 6.25 - 7.2 SLK \$
31	Giumelli Road - Construct sealed road 2.30 - 4.18 SLK \$
32	Giumelli Road - Widen and seal 0.0 - 2.30 SLK # \$
33	Panizza Road - Widen gravel 1.17 - 3.38 SLK \$
OPPORTUNITIES - May require the co-operation of an external authority	
34	Ferguson Valley potential scenic photo points (Henty and Ferguson roads) # \$
35	Possible future picnic spot/s along Preston River, in Dardanup West - Location/s TBC # \$
36	Ferguson Valley art trail - Location/s TBC # \$
37	Dardanup Bypass Road - Waterloo to Banksia Road extension # \$

MRWA BORR = Main Roads Western Australia - Bunbury Outer Ring Road

(Appendix ORD: 12.3.3C)

All recommendations resulting from the community engagement process and associated refinement process have been:

- Itemised as new, upgrade / improvement to existing, or removal of existing;
- Represented graphically on the Plan through the use of colour coded numbers;
- Assigned a timeframe, being either short, medium or long term – or categorised separately (in red) if they might be subject to the cooperation of an external agency;
- Highlighted on the list of improvements in the Plan with a symbol if they have already been included in the Shire's Asset Management Plans.

It should be noted that all proposed and possible future projects are subject to the relevant approvals and funding. Projects which may be subject to feasibility or the cooperation of an external agency or group have been highlighted as such on the plan.

Some projects have been included on the plan with an indicative location only, as this is still to be determined. Feasibility investigations will also determine which might be the most appropriate location for such a facility.

3.8 Costing of Community Facilities

Detailed costing of all recommendations does not form part of this Scope of Work. However, all recommendations in the final Plan for projects to implement must be based upon sound financial practices and considered in view of limited Shire resources.

3.9 Funding Opportunities

Possible funding sources for each recommendation will be identified as a part of determining the project feasibility prior to the Shire committing to undertake the project. Some possible major sources of funding might include Royalties for Regions and Lotterywest; road upgrade projects could be funded by grant opportunities through the Regional Road Group (RRG) or the Government's Black Spot funding program. Any future improvements which relate to environmental amenity could consider funding applications through the South West Catchments Council. There will be other opportunities that the Shire will be able to investigate when required.

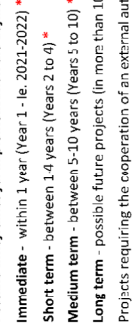
Shire of Dardanup

LEGEND

Proposed improvements

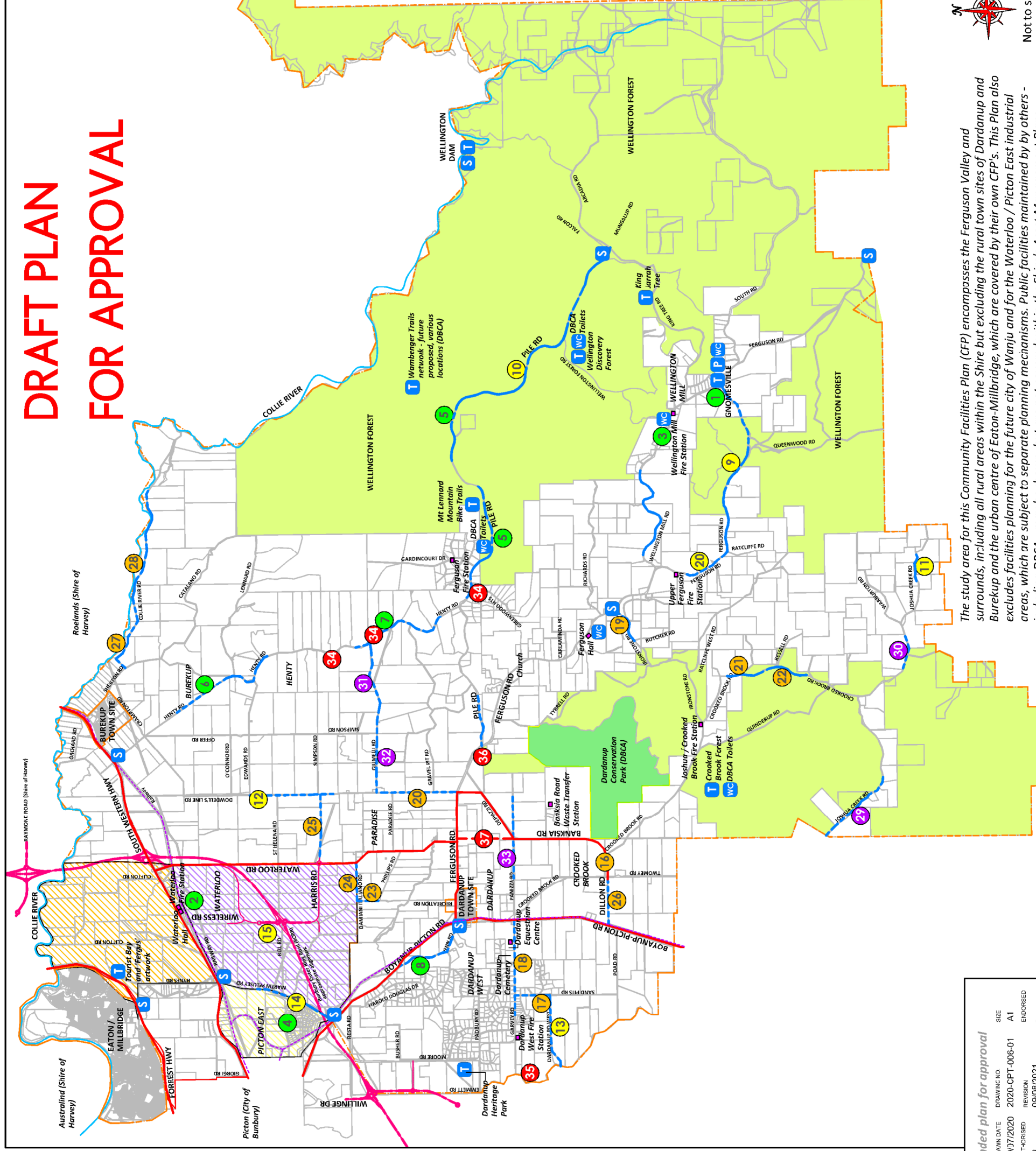


Possible timeframes for implementation are defined as follows:



* Projects already included in theShire's Asset Management Plans for implementation
\$ Projects that are subject to external funding such as grants
Projects that are subject to the cooperation of an external agency or group
All proposed and possible future improvements are subject to feasibility, approval and funding
Delivery timeframes are subject to change, to reflect any decisions by Council resulting in

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Not to scale

Draft amended plan for approval				
DESIGNED	DRAWN DATE	DRAWING NO	SIZE	
VP	30/07/2020	2020-CPT-006-01	A1	ENDORSED
VP	LB	REVISION 09/08/2021		

RISK ASSESSMENT TOOL									
OVERALL RISK EVENT:		Ferguson Valley and Surrounds Community Facilities Plan – Endorse final Plan							
RISK THEME PROFILE:									
6 - Engagement Practices									
RISK ASSESSMENT CONTEXT:		Project							
CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL			
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING	
HEALTH	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.	
FINANCIAL IMPACT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.	
SERVICE INTERRUPTION	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.	
LEGAL AND COMPLIANCE	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.	
REPUTATIONAL	Negative perception of the Shire if projects are not programmed to meet Community needs	Minor (2)	Almost Certain (5)	Moderate (5 - 11)	Finalise Ferguson Valley and Surrounds Community Facilities Plan by advertising and seeking feedback on draft Plan	Minor (2)	Unlikely (2)	Low (1 - 4)	
ENVIRONMENT	No risk event identified for this category.	Not Required - No Risk Identified	N/A	N/A	Not required	Not required.	Not required.	Not required.	

RISK ASSESSMENT TOOL									
OVERALL RISK EVENT: Harris Road – SLK 0.0 to 1.4 – Widen formation, strengthen pavement and asphalt overlay. RISK THEME PROFILE: 1 - Asset Sustainability Practices 2 - Business and Community Disruption 13 - Project/Change Management 15 - Supplier and Contract Management									
RISK ASSESSMENT CONTEXT: Operational									
Consequence Category	Risk Description	Prior to Treatment or Control (Consequence x Likelihood = Inherent Risk Rating)			Risk Action Plan (Treatment or Controls Proposed to reduce the Inherent Risk Rating)	After Treatment or Control (Consequence x Likelihood = Residual Risk Rating)			Responsibility
		Consequence	Likelihood	Inherent Risk Rating		Consequence	Likelihood	Residual Risk Rating	
Health	Moving vehicle accident in/around worksite, resulting in fatality.	Catastrophic (5)	Likely (4)	Extreme (20 - 25)	Traffic Management Plan to be supplied and implemented by Contractor (traffic management Subcontractor to be suitably qualified and competent. Communications to be released to public encouraging them to avoid the area throughout works. Contractor to supply plant and machinery in good, working order equipped with appropriate signals and delineation. Operators to undertake work safely, as per Safety Management Plan and SWMS- this includes the use of appropriate PPE. Workers to undertake works safely, as per Safety Management Plan and SWMS- this includes the use of appropriate PPE.	Catastrophic (5)	Unlikely (2)	Moderate (5 - 11)	Contractor Principal
Health	Plant and/or machinery accident within site, resulting in Contractor fatality.	Catastrophic (5)	Likely (4)	Extreme (20 - 25)		Catastrophic (5)	Unlikely (2)	Moderate (5 - 11)	Contractor
Health	Accident on site whilst undertaking duties, resulting in fatalities.	Catastrophic (5)	Possible (3)	High (12 - 19)		Catastrophic (5)	Unlikely (2)	Moderate (5 - 11)	Contractor
Health	Worker strikes a below-ground service line during construction, resulting in fatality.	Catastrophic (5)	Possible (3)	High (12 - 19)	Contractor to undertake a Dial Before You Dig enquiry prior to works- any services in proximity of works to be located and clearly defined.	Catastrophic (5)	Rare (1)	Moderate (5 - 11)	Contractor

(Appendix ORD: 12.3.4)

Consequence Category	Risk Description	Prior to Treatment or Control (Consequence x Likelihood = Inherent Risk Rating)			Risk Action Plan (Treatment or Controls Proposed to reduce the Inherent Risk Rating)	After Treatment or Control (Consequence x Likelihood = Residual Risk Rating)			Responsibility
		Consequence	Likelihood	Inherent Risk Rating		Consequence	Likelihood	Residual Risk Rating	
Financial Impact	Overall project cost exceeds budget.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Assess Tender submissions against available budget. If required, excess expenditure to be raised with Executive and options considered prior to engaging a contractor. Monitoring of costs and variations throughout project to ensure cash flows meet projected expenditure rates.	Moderate (3)	Rare (1)	Low (1 - 4)	Principal
Service Interruption	Project commences, the road is open and exposed to vulnerabilities such as bad weather events.	Major (4)	Possible (3)	High (12 - 19)	Planning to assist in determining the appropriate time of year to undertake. Contractor availability required within timeframes.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Contractor Principal
Service Interruption	High groundwater encountered on-site causes significant delays to works.	Major (4)	Likely (4)	High (12 - 19)	Tenderers to be made aware of groundwater conditions and factor this into submission.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Contractor Principal
Service Interruption	Project is delayed due to scope issue at crossover of Lot 84 Coleman Turn.	Major (4)	Possible (3)	High (12 - 19)	Scope issue to be resolved prior to works starting. Council to be consulted if deemed appropriate by Executive.	Insignificant (1)	Possible (3)	Low (1 - 4)	Principal
Legal and Compliance	Procurement non-compliance when procuring goods and/or services- potential litigation.	Moderate (3)	Unlikely (2)	Moderate (5 - 11)	Shire of Dardanup Procurement Policy to be strictly adhered to throughout project. All officers involved in project to understand and maintain adequate records as the State Records Act.	Moderate (3)	Rare (1)	Low (1 - 4)	Principal
Legal and Compliance	Record-keeping non-compliance.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Council's in-house records system (TARDIS) to be used effectively throughout project. All officers to be train (in-house) in the effective use of TARDIS.	Moderate (3)	Rare (1)	Low (1 - 4)	Principal

(Appendix ORD: 12.3.4)

Consequence Category	Risk Description	Prior to Treatment or Control (Consequence x Likelihood = Inherent Risk Rating)			Risk Action Plan (Treatment or Controls Proposed to reduce the Inherent Risk Rating)	After Treatment or Control (Consequence x Likelihood = Residual Risk Rating)			Responsibility
		Consequence	Likelihood	Inherent Risk Rating		Consequence	Likelihood	Residual Risk Rating	
Legal and Compliance	Shire officer acts in breach of a contract between a supplier of goods and/or services and the Shire of Dardanup.	Major (4)	Unlikely (2)	Moderate (5 - 11)	Officers to be aware of, and understand, terms of contract between parties involved in project.	Major (4)	Rare (1)	Low (1 - 4)	Principal
Legal and Compliance	Shire operations do not align with funding conditions.	Moderate (3)	Unlikely (2)	Moderate (5 - 11)	Consideration to be made in regards to activities and minimum expenditure figures for funding conditions.	Insignificant (1)	Unlikely (2)	Low (1 - 4)	Principal
Reputational	The Shire's reputation is negatively affected by operations- public embarrassment, moderate news profile.	Moderate (3)	Unlikely (2)	Moderate (5 - 11)	Communication Plan to be implemented to inform stakeholders of project operations, as per Communication Policy.	Minor (2)	Unlikely (2)	Low (1 - 4)	Principal
Environment	Removal and/or damage of native/endemic vegetation.	Major (4)	Possible (3)	High (12 - 19)	No clearing of endemic species to take place. Environment Officer to be consulted if required.	Insignificant (1)	Rare (1)	Low (1 - 4)	Contractor Principal
Environment	Operations negatively affect the environment in the projects immediate vicinity- fuel/oil spillage, excess dust, noise pollutions, excess vibrations, etc.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Contractor to remain environmentally conscious throughout project. Environment Officer to be consulted if required. All contractor plant and equipment to be in good, working condition and to be utilised in a way that makes the least impact on the environment. 'Sustainability' criteria to be included in assessment weightings.	Minor (2)	Unlikely (2)	Low (1 - 4)	Contractor Principal
Environment	Exposition and damage of buried Aboriginal artefacts (site within proximity of known Aboriginal Heritage Site).	Major (4)	Rare (1)	Low (1 - 4)	Shire to engage Aboriginal Heritage Monitors as recommended by the South West Land and Sea Council to monitor excavation works throughout the project.	Moderate (3)	Rare (1)	Low (1 - 4)	Principal

