



ATTACHMENTS

ORDINARY COUNCIL MEETING

8 DECEMBER 2022

MEMBERSHIP: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, J Gough, R Ivey, D Mahon, P Wells and M Wright.

The meeting is scheduled to commence at 5.30 pm.

INITIAL SECTION

CCL22/310 Confirmation of Minutes

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REPORT ORDINARY COUNCIL MEETING 24 NOVEMBER 2022

PRESENT: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

ALSO IN ATTENDANCE:

The Chief Executive Officer, the Director Organisational Performance (M Howlett), the Manager Corporate Governance, the Governance Team Leader, the Governance Officer, the Director Strategy, Partnerships and Engagement, the Corporate Strategy and Performance Coordinator, the Director Development and Environment, the Manager Growth Planning, the Senior Planner, the Director Infrastructure, the Manager Infrastructure Strategy and Design, the Director Community, Culture and Places and the Community Services Manager.

Councillor M Dickerson assumed the Chair of the meeting.

The proceedings of the meeting commenced at 5.30 pm at the Dubbo Civic Administration Building, Council Chamber, with a prayer for Divine Guidance to the Council in its deliberations and activities read by Councillor S Chowdhury. The welcome to country was given by Councillor L Burns.

CCL22/274 LEAVE OF ABSENCE (ID22/2373)

Requests for leave of absence were received from Councillors J Gough and P Wells who were absent from the meeting due to personal reasons.

Moved by Councillor S Chowdhury and seconded by Councillor D Mahon

MOTION

That such requests for leave of absence be accepted and Councillor J Gough and P Wells be granted leave of absence from this meeting.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022

REPORT

CCL22/275 CONFLICT OF INTEREST (ID22/2374)

The following conflicts of interest were declared:

- Director Community, Culture and Places – non-pecuniary, less than significant interest in CCC22/64
- Councillor M Wright – non-pecuniary, less than significant interest in CCL22/288
- Chief Executive Office Murray Wood - pecuniary, significant interest in CCL22/295
- Councillor M Wright – pecuniary, significant interest in CCL22/295
- Councillor J Black – non-pecuniary, less than significant interest in CW22/4
- Councillor S Chowdhury – non-pecuniary, less than significant interest in CW22/4
- Councillor D Mahon – non-pecuniary, less than significant interest in CW22/4

CCL22/276 PUBLIC FORUM (ID22/2375)

The Council reports having met with the following persons during Public Forum:

- Tim Wilkinson – regarding item CCL22/294
- Therese Delany – regarding flooding at 9 Purvis Lane Dubbo
- Ms Barbara Sutherland – regarding North West Precinct urban release currently on public exhibition

CCL22/277 CONFIRMATION OF MINUTES (ID22/2376)

Confirmation of the minutes of the proceedings of the Ordinary Council meeting held on 27 October 2022.

Moved by Councillor S Chowdhury and seconded by Councillor R Ivey

MOTION

That the minutes of the proceedings of Dubbo Regional Council at the Ordinary meeting held on 27 October 2022 comprising pages 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21 of the series be taken as read, confirmed as correct minutes and signed by the Mayor and the Chief Executive Officer.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT

INFORMATION ONLY MATTERS:

CCL22/278 MAYORAL APPOINTMENTS AND MEETINGS (ID22/2355)

The Council had before it the report dated 9 November 2022 from the Chief Executive Officer regarding Mayoral Appointments and Meetings.

Moved by Councillor S Chowdhury and seconded by Councillor V Etheridge

MOTION

That the information contained in the report of the Chief Executive Officer dated 9 November 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

MATTERS CONSIDERED BY COMMITTEES:**CCL22/279 REPORT OF THE INFRASTRUCTURE, PLANNING AND ENVIRONMENT COMMITTEE - MEETING 10 NOVEMBER 2022 (ID22/2377)**

The Council had before it the report of the Infrastructure, Planning and Environment Committee meeting held 10 November 2022.

Moved by Councillor J Black and seconded by Councillor D Mahon

MOTION

That the report of the Infrastructure, Planning and Environment Committee meeting held on 10 November 2022, be adopted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/280 REPORT OF THE CULTURE AND COMMUNITY COMMITTEE - MEETING 10 NOVEMBER 2022 (ID22/2378)

The Council had before it the report of the Culture and Community Committee meeting held 10 November 2022.

Moved by Councillor V Etheridge and seconded by Councillor S Chowdhury

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022

REPORT

MOTION

That the report of the Culture and Community Committee meeting held on 10 November 2022 be adopted, save and except Clause CCC22/64. with such Clause being dealt with separately in confidential council.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCC22/64 LICENCE AGREEMENT FOR 74 WINGEWARRA STREET - THE GREENS (ID22/2262)

The Council had before it the report dated 28 October 2022 from the Director Community, Culture and Places regarding Licence Agreement for 74 Wingewarra Street - The Greens.

Moved by Councillor S Chowdhury and seconded by Councillor V Etheridge

MOTION

That this item be deferred to the end of the meeting and dealt with during Confidential Council.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/281 REPORT OF THE CORPORATE SERVICES COMMITTEE - MEETING 10 NOVEMBER 2022 (ID22/2379)

The Council had before it the report of the Corporate Services Committee meeting held 10 November 2022.

Moved by Councillor D Mahon and seconded by Councillor S Chowdhury

MOTION

That the report of the Corporate Services Committee meeting held on 10 November 2022, be adopted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**CCL22/282 REPORT OF THE VILLAGES COMMITTEE - MEETING 9 NOVEMBER 2022 (ID22/2395)**

The Council had before it the report of the Villages Committee meeting held 9 November 2022.

Moved by Councillor R Ivey and seconded by Councillor J Black

MOTION

That the report of the Villages Committee meeting held on 9 November 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/283 REPORT OF THE RECONCILIATION ACTION PLAN WORKING GROUP - MEETING 7 NOVEMBER 2022 (ID22/2396)

The Council had before it the report of the Reconciliation Action Plan Working Group meeting held 7 November 2022.

Moved by Councillor L Burns and seconded by Councillor S Chowdhury

MOTION

That the report of the Reconciliation Action Plan Working Group meeting held on 7 November 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/284 REPORT OF THE PUBLIC SPACES TREE COMMITTEE - MEETING 26 OCTOBER 2022 (ID22/2397)

The Council had before it the report of the Public Spaces Tree Committee meeting held 26 October 2022.

Moved by Councillor V Etheridge and seconded by Councillor J Black

MOTION

That the report of the Public Spaces Tree Committee meeting held on 26 October 2022, be noted.

CARRIED

**ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

**CCL22/285 REPORT OF THE SOCIAL JUSTICE ADVISORY COMMITTEE - MEETING 15
NOVEMBER 2022 (ID22/2416)**

The Council had before it the report of the Social Justice Advisory Committee meeting held 15 November 2022.

Moved by Councillor S Chowdhury and seconded by Councillor V Etheridge

MOTION

That the report of the Social Justice Advisory Committee meeting held on 15 November 2022 be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

**CCL22/286 REPORT OF THE FINANCIAL PERFORMANCE COMMITTEE - MEETING 15
NOVEMBER 2022 (ID22/2417)**

The Council had before it the report of the Financial Performance Committee meeting held 15 November 2022.

Moved by Councillor M Wright and seconded by Councillor S Chowdhury

MOTION

That the report of the Financial Performance Committee meeting held on 15 November 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT

REPORTS FROM STAFF:

CCL22/287 SEPTEMBER 2022 QUARTERLY BUDGET REVIEW STATEMENT (ID22/2371)

The Council had before it the report dated 11 November 2022 from the Chief Executive Officer regarding September 2022 Quarterly Budget Review Statement.

Moved by Councillor J Black and seconded by Councillor V Etheridge

MOTION

1. That the Quarterly Budget Review Statements as at 30 September 2022, as attached to the report of the Chief Executive Officer dated 11 November 2022, be adopted and such sums voted for such purpose.
2. That the Statement of the Responsible Accounting Officer that Council is in a satisfactory financial position having regard to the changes herewith to the original budget, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/288 RESPONSE TO RESOLUTION: ENSURING INTEGRITY OF COUNCIL'S LANDUSE CONSENT IN GRANT APPLICATIONS (ID22/2267)

The Council had before it the report dated 31 October 2022 from the Chief Executive Officer regarding Response to Resolution: Ensuring Integrity of Council's Landuse Consent in Grant Applications.

Moved by Councillor J Black and seconded by Councillor V Etheridge

MOTION

That the information contained within the report of the Chief Executive Officer dated 31 October 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

Councillor M Wright declared a non-pecuniary, less than significant interest in the matter now before the Council and remained in the room during the Council's consideration of this matter. The reason for such interest is that Councillor M Wright he resides in and owns property in Regard Park Estate.

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**CCL22/289 UPDATE - ADVERTISING BANNERS ON THE LH FORD BRIDGE (ID22/2179)**

The Council had before it the report dated 20 October 2022 from the Chief Executive Officer regarding Update - Advertising Banners on the LH Ford Bridge.

Moved by Councillor S Chowdhury and seconded by Councillor V Etheridge

MOTION

That the information contained within the report of the Chief Executive Officer dated 20 October 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/290 REALLOCATION OF FUNDS - HEAVY PATCHING TO REGIONAL ROADS MAINTENANCE (ID22/2367)

The Council had before it the report dated 10 November 2022 from the Manager Infrastructure Delivery regarding Reallocation of Funds - Heavy Patching to Regional Roads Maintenance.

Moved by Councillor J Black and seconded by Councillor V Etheridge

MOTION

- 1. That Council approve the reallocation of \$1M from the Heavy Patching program to the Regional Roads maintenance budget.**
- 2. That the necessary adjustment be made at the December Quarterly Budget Review Statements.**

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**CCL22/291 REGISTRATION OF EASEMENTS FOR NON-POTABLE WATER SUPPLY, WELLINGTON (ID22/2266)**

The Council had before it the report dated 31 October 2022 from the Manager Major Projects regarding Registration of Easements for Non-potable Water Supply, Wellington.

Moved by Councillor V Etheridge and seconded by Councillor J Black

MOTION

That all necessary documentation in relation to the acquisition and registration of water supply easements on Lot 2 DP 1136578, Lot 272 DP 560497 and Lot 2 DP 806578 be executed under the Common Seal of the Council.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/292 DUBBO TRANSPORTATION STRATEGY 2020 - PROGRESS REPORT (ID22/2010)

The Council had before it the report dated 10 November 2022 from the Manager Growth Planning regarding Dubbo Transportation Strategy 2020 - Progress Report.

Moved by Councillor J Black and seconded by Councillor S Chowdhury

At this juncture a 5 min adjournment was called due to livestream technical difficulties, the time being 6.20 pm.

The meeting resumed at 6.25 pm.

MOTION

- 1. That the information contained within the report of the Manager Growth Planning dated 10 November 2022, be noted.**
- 2. That a further report be provided to Council on a 12-monthly basis detailing the achievement towards implementing the Dubbo Transportation Strategy 2020.**

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**CCL22/293 DUBBO REGIONAL HOUSING ROADMAP - PROGRESS REPORT (ID22/1982)**

The Council had before it the report dated 15 November 2022 from the Manager Growth Planning regarding Dubbo Regional Housing Roadmap - Progress Report.

Moved by Councillor V Etheridge and seconded by Councillor J Black

MOTION

1. That progress in respect of the Dubbo Regional Housing Roadmap, be noted.
2. That a further progress report be provided to Council in July 2023 outlining progress of the actions included in the Housing Roadmap.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon, and M Wright.

Against: Nil

CCL22/294 D22-360 HARDWARE AND BUILDING SUPPLIES (ALTERATIONS AND ADDITIONS) AND BOUNDARY ADJUSTMENT 112 SHERATON ROAD DUBBO (ID22/2260)

The Council had before it the report dated 3 November 2022 from the Senior Planner regarding D22-360 Hardware and Building Supplies (Alterations and Additions) and Boundary Adjustment 112 Sheraton Road Dubbo.

Moved by Councillor M Wright and seconded by Councillor R Ivey

MOTION

That Development Application D22-360 Hardware and Building Supplies (Alterations and Additions) and Boundary Adjustment 112 Sheraton Road Dubbo, be approved subject to the conditions of consent set out in Appendix 2.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT

The Director Strategy Partnerships and Engagement assumed the position of Acting Chief Executive Officer during consideration of the following item due to a declaration of interest from the Chief Executive Officer as listed below.

CCL22/295 D22-217 MULTI DWELLING HOUSING (73 UNITS) AND COMMUNITY TITLE SUBDIVISION - KESWICK PARKWAY DUBBO (ID22/2261)

The Council had before it the report dated 2 November 2022 from the Senior Planner regarding D22-217 Multi Dwelling Housing (73 units) and Community Title Subdivision - Keswick Parkway Dubbo.

Moved by Councillor V Etheridge and seconded by Councillor S Chowdhury

MOTION

1. That Development Application D22-217 for multi dwelling housing (73 Units) and community title subdivision at Lot 307 DP 1266543, Keswick Parkway be approved subject to the conditions of consent set out in Appendix 2.
2. That those people making submissions be advised of Council's determination in this matter.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon.

Against: Nil

Councillor M Wright declared a pecuniary, significant interest in the matter now before the Council and left the room and was out of sight during the Council's consideration of this matter. The reason for such interest is that Councillor M Wright that he recently purchased a block of land in Keswick Estate at public auction and as such any substantial residential development nearby may have an impact on the value of my property.

Chief Executive Officer M Wood declared a pecuniary, significant interest in the matter now before the Council and left the room and was out of sight during the Council's consideration of this matter. The reason for such interest is that M Wood as he has a house on Durum Circuit and Durum Circuit is mention in this report.

CCL22/296 D22-416 OFFICE PREMISES (14 TENANCIES), SIGNAGE AND SUBDIVISION AT 28 BLUERIDGE DRIVE, DUBBO (ID22/2357)

The Council had before it the report dated 9 November 2022 from the Senior Planner regarding D22-416 Office Premises (14 Tenancies), Signage and Subdivision at 28 Blueridge Drive, Dubbo.

Moved by Councillor V Etheridge and seconded by Councillor S Chowdhury

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022

REPORT

MOTION

That Development Application D22-416 for Office Premises (14 Tenancies), Signage and Subdivision at 28 Blueridge Drive, Dubbo, be approved, subject to the conditions of consent set out in Appendix 2.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/297 COMMUNITY SERVICES FUND 2022/2023 - COMMUNITY BENEFIT FUNDING IN ACCORDANCE WITH SECTION 356 LOCAL GOVERNMENT ACT 1993 (ID22/2265)

The Council had before it the report dated 30 October 2022 from the Manager Community Services regarding Community Services Fund 2022/2023 - Community Benefit Funding in Accordance with Section 356 Local Government Act 1993.

Moved by Councillor J Black and seconded by Councillor V Etheridge

MOTION

1. That the applications detailed in Table 2, reviewed and considered by Dubbo Regional Council, be noted.
2. That Council allocate \$60,004.12 to the community based organisations the following funds in accordance with Section 356 of The Local Government Act 1993 and notification to be sent to each successful applicant:

• Dubbo Environment Group Inc - Dubbo Indian Myna Control Program	\$5,000.00
• Rotary Club of Dubbo - Santa Paws	\$2,000.00
• Wellington Community Progress and Action Group – Macquarie River Platypus Survey	\$5,000.00
• Red Cross, Wellington Branch - Equipment for Catering	\$499.99
• Orana Early Childhood Intervention - Sibling Group	\$3,840.00
• CanAssist Dubbo - Cancer Patient Financial Support	\$15,000.00
• Lifeline Central West Inc - 13 11 14 Crisis Support Service	\$15,000.00
• Dubbo District Concert Band - Music Scores for All	\$1,983.13
• Wellington Men's Shed - Sit Down Wood Lathe	\$6,181.00
• Dubbo Filmmakers Inc - Building Dubbo Film Capabilities	\$5,500.00
3. That all unsuccessful applicants be advised of Council's Grants Hub, as well as other funding opportunities and any advice to assist future applications for council financial assistance.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT

CCL22/298 FINANCIAL ASSISTANCE 2022/2023 ROUND ONE (ID22/2264)

The Council had before it the report dated 30 October 2022 from the Manager Community Services regarding Financial Assistance 2022/2023 Round One.

Moved by Councillor V Etheridge and seconded by Councillor J Black

MOTION

1. That the applications detailed in Table 2, reviewed and considered by Dubbo Regional Council, be noted.
2. That the below grant recommendations be approved, in line with the eligible criteria and notification to be sent to each successful applicant:

• Stuart Town Action Group Inc - Restoration to front of Building	\$2,000.00
• Wellington Community Progress and Action Group	
Clean Up Australia Day – Contingent on approval and access	\$4,000.00
• Orana Physical Culture Incorporated - Performance Wear Purchase	\$1,600.00
• Cerebral Palsy Alliance - Children with Disability in Dubbo	\$2,182.00
• Binjang Community Radio Inc - Community Radio Broadcasting	\$4,960.00
3. That all unsuccessful applicants be advised of Council's Grants Hub, as well as other funding opportunities and any advice to assist future applications for council financial assistance.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/299 PROPOSED ROAD CLOSURE - PART MERRILEA ROAD (WEST) - MOFFATT ESTATE (ID22/1886)

The Council had before it the report dated 5 September 2022 from the Property Development Officer regarding Proposed Road Closure - Part Merrilea Road (West) - Moffatt Estate.

Moved by Councillor J Black and seconded by Councillor D Mahon

MOTION

1. That Council notify the public of the proposed road closure of that part of Merrilea Road as defined in this report, in accordance with Part 4 of the *Roads Act 1993*.
2. That the results of the public notification process are reported to Council for a decision regarding the proposed road closure.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**CCL22/300 REVIEW OF THE RATE PEG METHODOLOGY - DUBBO REGIONAL COUNCIL'S SUBMISSION (ID22/2380)**

The Council had before it the report dated 14 November 2022 from the Chief Financial Officer regarding Review of the rate peg methodology - Dubbo Regional Council's submission.

Moved by Councillor R Ivey and seconded by Councillor V Etheridge

MOTION

That the submission provided to IPART on "Review of the rate peg methodology", be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/301 REPORT ON THE STATUS OF NOTICE OF MOTION 2022 (ID22/2398)

The Council had before it the report dated 16 November 2022 from the Manager Corporate Governance regarding Report on the Status of Notice of Motion 2022.

Moved by Councillor S Chowdhury and seconded by Councillor R Ivey

MOTION

That the information contained within the report of the Manager Corporate Governance dated 16 November 2022, be noted.

Moved by Councillor V Etheridge and seconded by Councillor R Ivey

AMENDMENT

- 1. That the information contained within the report of the Manager Corporate Governance dated 16 November 2022, be noted.**
- 2. That a report on the status of Notices of Motion be provided on a quarterly basis.**
- 3. That a register of completed Notices of Motion for this term of Council be included as a separate appendix in every quarterly report.**

The amendment on being put to the meeting was carried.

CARRIED

The amendment then became the motion and on being put to the meeting was carried.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**CCL22/302 2021/2022 ANNUAL REPORT (INCLUDING STATUTORY REPORTING)
(ID22/2320)**

The Council had before it the report dated 2 November 2022 from the Director Strategy, Partnerships and Engagement regarding 2021/2022 Annual Report (including Statutory Reporting).

Moved by Councillor J Black and seconded by Councillor S Chowdhury

MOTION

1. That the 2021/2022 Annual Report, as provided under separate, be endorsed.
2. That the 2021/2022 Annual Report be forwarded to the Office of Local Government.
3. That the 2021/2022 Annual Report be published on Council's website.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/303 QUESTIONS ON NOTICE - COUNCILLOR SHIBLI CHOWDHURY (ID22/2383)

The Council had before it the report dated 14 November 2022 regarding Questions on Notice - Councillor Shibli Chowdhury.

Moved by Councillor S Chowdhury and seconded by Councillor J Black

MOTION

That the information contained within the report dated 14 November 2022, be noted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CCL22/304 COMMENTS AND MATTERS OF URGENCY (ID22/2381)

There were no matters recorded under this clause.

CONFIDENTIAL COUNCIL

In accordance with Section 9(2A) Local Government Act 1993, in the opinion of the Chief Executive Officer, the following business is of a kind as referred to in Section 10A(2) of the Act, and should be dealt with in a Confidential Session of the Council meeting closed to the press and public.

**ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**

The items listed come within the following provisions of the Act:

- CCC22/64 – Licence Agreement for 74 Wingewarra Street – The Greens
(Section 10A(2)(d)(i)) - information that would, if disclosed, prejudice the commercial position of the person who supplied it.

There were no submissions as to whether the meeting should be closed for a particular item.

At this juncture it was moved by Councillor J Black and seconded by Councillor M Wright that the Council resolves into Closed Session, the time being 7.13pm.

COMMITTEE OF THE WHOLE COUNCIL

At this juncture, it was moved by Councillor L Burns and seconded by Councillor S Chowdhury that the Council resolve into a Committee of the Whole Council, to deal with the confidential matters the time being 7.30 pm.

The Open Session resumed at 8.04pm.

The Manager Corporate Governance read out the following resolution made in the closed session of Council

**CCC22/64 LICENCE AGREEMENT FOR 74 WINGEWARRA STREET - THE GREENS
(ID22/2262)**

The Council had before it the report dated 28 October 2022 from the Director Community, Culture and Places regarding Licence Agreement for 74 Wingewarra Street - The Greens.

Moved by Councillor V Etheridge and seconded by Councillor S Chowdhury

MOTION

1. **That Council seek an Expression of Interest for Licence Agreement for 74 Wingewarra Street "The Greens" for a term of one year with an option of an additional year.**
2. **That the expression of interest be publically advertised and opened until close of business 7 December 2022.**

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

The Director Community, Culture and Places declared a non-pecuniary, less than significant interest in the matter now before the Council and remained in the room during the Council's consideration of this matter. The reason for such interest is that the Director Community, People and Places has two sons who have participate in the NSW Rugby Union programs in 2022.

**ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT**

Councillor M Wright declared a non-pecuniary, less than significant interest in the matter now before the Council and remained in the meeting during consideration of this matter. The reason for such interest is that Councillor Wright's son participated in the NSW Rugby Union programs in 2022.

CCL22/306 COMMITTEE OF THE WHOLE (ID22/2450)

The Manager Corporate Governance read to the meeting the Report of Committee of the Whole held on 24 November 2022.

Moved by Councillor M Wright and seconded by Councillor S Chowdhury

MOTION

That the report of the meeting of the Committee of the Whole held on 24 November 2022, save and except CW22/4 which will be dealt with separately, be adopted.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

CW22/4 ACQUISITION OF LAND FOR BLUERIDGE LINK ROAD (ID22/2436)

The Council had before it the report dated 18 November 2022 from the Director Infrastructure regarding Acquisition of Land for Blueridge Link Road.

Moved by Councillor M Wright and seconded by Councillor V Etheridge

MOTION

- 1. That Council adopt the alignment of the Blueridge Link Road as described in the body of this report.**
- 2. That Council delegate to the Chief Executive Officer the authority to negotiate and enter into contracts for the acquisition of land for the proposed road corridor, from Sheraton Road to the Mitchell Highway, utilising the rates contained in the body of this report.**
- 3. That the information contained within this report remain confidential to the Council.**

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

ORDINARY COUNCIL MEETING - 24 NOVEMBER 2022
REPORT

Councillor J Black declared a non-pecuniary, less than significant interest in the matter now before the Council and remained in the room during the Council's consideration of this matter. The reason for such interest is that Councillor J Black is employed by a school on Sheraton Road and this matter relates to possible future traffic movements on Sheraton Road, and there is virtually zero chance I would use that section of road when travelling to and from work.

Councillor S Chowdhury declared a non-pecuniary, less than significant interest in the matter now before the Council and remained in the room during the Council's consideration of this matter. The reason for such interest is that Councillor S Chowdhury employed in Blue Ridge Business park.

Councillor D Mahon declared a non-pecuniary, less than significant interest in the matter now before the Council and remained the room during the Council's consideration of this matter. The reason for such interest is that Councillor D Mahon owns property and operates business in Blue Ridge business park.

The meeting closed at 8.08 pm.

.....
CHAIRPERSON



REPORT COMMITTEE OF THE WHOLE COUNCIL 24 NOVEMBER 2022

PRESENT: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

ALSO IN ATTENDANCE:

The Chief Executive Officer, the Director Organisational Performance (M Howlett), the Manager Governance and Internal Control, the Governance Team Leader, the Governance Officer, the Manager Property and Land Development, the Director Strategy, Partnerships and Engagement, the Corporate Strategy and Performance Coordinator, the Director Development and Environment, the Manager Growth Planning, the Director Infrastructure, the Manager Infrastructure Strategy and Design and the Director Community, Culture and Places.

Councillor M Dickerson assumed the Chair of the meeting.

The proceedings of the meeting commenced at 7.30 pm.

CW22/1 LEAVE OF ABSENCE (ID22/2459)

Requests for leave of absence were received from Councillors J Gough and P Wells who were absent from the meeting due to personal reasons.

Moved by Councillor S Chowdhury and seconded by Councillor L Burns

MOTION

That such requests for leave of absence be accepted and Councillors J Gough and P Wells be granted leave of absence from this meeting.

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

COMMITTEE OF THE WHOLE COUNCIL - 24 NOVEMBER 2022
REPORT

CW22/2 CONFLICT OF INTEREST (ID22/2460)

The following conflicts of interest were declared:

- Clr J Black declared a non-pecuniary, less than significant interest in CW22/4
- Clr S Chowdhury declared a non-pecuniary, less than significant interest in CW22/4
- Clr D Mahon declared a non-pecuniary, less than significant interest in CW22/4

**CW22/3 UPDATED DIRECTIONS REGARDING PROPOSED ACQUISITION OF LAND FOR
FUTURE ROAD INFRASTRUCTURE (ID22/2382)**

The Committee had before it the report dated 14 November 2022 from the Manager Property and Land Development regarding Updated Directions Regarding Proposed Acquisition of Land for Future Road Infrastructure.

Moved by Councillor S Chowdhury and seconded by Councillor L Burns

MOTION

That members of the press and public be excluded from the meeting during consideration of this item, the reason being that the matter concerned information that would, if disclosed, confer a commercial advantage on a person with whom the Council is conducting (or proposes to conduct) business (Section 10A(2)(c)).

CARRIED

Moved by Councillor V Etheridge and seconded by Councillor M Wright

MOTION

1. **That all actions to acquire land relating to the current alignment of the Southern Distributor Road cease immediately.**
2. **That alternative solutions in line with outcomes defined in the Transportation Strategy 2020 be investigated.**

CARRIED

For: Councillors J Black, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Councillor L Burns.

**COMMITTEE OF THE WHOLE COUNCIL - 24 NOVEMBER 2022
REPORT**

CW22/4 ACQUISITION OF LAND FOR BLUERIDGE LINK ROAD (ID22/2436)

The Committee had before it the report dated 18 November 2022 from the Director Infrastructure regarding Acquisition of Land for Blueridge Link Road.

Moved by Councillor S Chowdhury and seconded by Councillor L Burns

MOTION

That members of the press and public be excluded from the meeting during consideration of this item, the reason being that the matter concerned information that would, if disclosed, confer a commercial advantage on a person with whom the Council is conducting (or proposes to conduct) business (Section 10A(2)(c)).

CARRIED

Moved by Councillor V Etheridge and seconded by Councillor R Ivey

MOTION

1. **That Council adopt the alignment of the Blueridge Link Road as described in the body of this report.**
2. **That Council delegate to the Chief Executive Officer the authority to negotiate and enter into contracts for the acquisition of land for the proposed road corridor, from Sheraton Road to the Mitchell Highway, utilising the rates contained in the body of this report.**
3. **That the information contained within this report remain confidential to the Council.**

CARRIED

For: Councillors J Black, L Burns, S Chowdhury, M Dickerson, V Etheridge, R Ivey, D Mahon and M Wright.

Against: Nil

Councillor J Black declared a non-pecuniary, less than significant interest in the matter now before the Committee and remained in the room during the Committee's consideration of this matter. The reason for such interest is that Councillor J Black is employed by a school on Sheraton Road and this matter relates to possible future traffic movements on Sheraton Road, and there is virtually zero chance I would use that section of road when travelling to and from work.

Councillor S Chowdhury declared a non-pecuniary, less than significant interest in the matter now before the Committee and remained in the room during the Committee's consideration of this matter. The reason for such interest is that Councillor S Chowdhury --Enter reason here-- .

Councillor D Mahon declared a non-pecuniary, less than significant interest in the matter now before the Committee and remained the room during the Committee's consideration of this matter. The reason for such interest is that Councillor D Mahon owns property and operates business in Blue Ridge business park.

COMMITTEE OF THE WHOLE COUNCIL - 24 NOVEMBER 2022
REPORT

The meeting closed at 8.00pm.

.....
CHAIRPERSON

INFORMATION ONLY MATTERS**CCL22/313 Building Summary - November 2022**

Attachment 1:	Building Summary - November 2022	25
Attachment 2:	Approved Applications - 1 November 2022 to 30 November 2022.....	27
Attachment 3:	Approved Applications - 1 November 2021 to 30 November 2021.....	28
Attachment 4:	Approved Applications - 1 July 2022 to 30 November 2022.....	30
Attachment 5:	Approved Applications - 1 July 2021 to 30 November 2021.....	32

STATISTICAL INFORMATION ON *SINGLE DWELLINGS AND **OTHER RESIDENTIAL DEVELOPMENTS

		JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
DCC	2011/2012													
	Single Dwellings	6	12	10	6	7	16	4	16	12	8	12	9	118
	Other Residential Developments (No of units)	1 (14)	1 (2)	- (-)	1 (1)	2 (4)	2 (3)	- (-)	- (-)	- (-)	- (-)	- (-)	1 (16)	8 (40)
DCC	2012/2013													
	Single Dwellings	3	7	14	13	9	3	9	9	13	13	15	13	121
	Other Residential Developments (No of units)	4 (8)	6 (6)	- (-)	- (-)	1 (2)	9 (11)	- (-)	- (-)	1 (2)	- (-)	2 (39)	- (-)	23 (68)
DCC	2013/2014***													
	Single Dwellings	23	17	25	20	14	15	19	10	18	14	19	14	208
	Other Residential Developments (No of units)	- (-)	1 (2)	1 (2)	- (-)	- (-)	1 (2)	4 (46)	2 (1)	1 (2)	2 (4)	- (-)	3 (6)	15 (65)
DCC	2014/2015***													
	Single Dwellings	19	34	19	21	13	16	14	12	20	19	15	20	222
	Other Residential Developments (No of units)	3 (6)	1 (2)	6 (31)	5 (50)	6 (6)	12 (21)	- (-)	4 (87)	2 (4)	1 (1)	9 (25)	5 (10)	54 (243)
DCC	2015/2016***													
	Single Dwellings	27	20	26	19	21	26	19	14	16	17	17	22	244
	Other Residential Developments (No of units)	6 (50)	8 (98)	8 (12)	4 (7)	1 (2)	3 (5)	3 (18)	3 (4)	3 (5)	5 (14)	3 (6)	8 (23)	55 (244)
DCC	2016/2017***													
	Single Dwellings	24	13	17	18	12	21	16	18	18	14	18	36	225
	Other Residential Developments (No of units)	8 (10)	5 (10)	7 (13)	4 (7)	6 (10)	5 (16)	3 (6)	2 (75)	1 (2)	5 (8)	4 (13)	7 (14)	57 (184)
DRC	2017/2018***													
	Single Dwellings	26	21	13	12	16	19	4	22	16	21	22	16	208
	Other Residential Developments (No of units)	6 (11)	9 (16)	2 (3)	1 (2)	9 (16)	1 (2)	5 (8)	5 (5)	11 (23)	1 (2)	3 (3)	5 (9)	58 (100)
DRC	2018/2019***													
	Single Dwellings	15	26	13	7	17	8	19	5	8	11	19	6	154
	Other Residential Developments (No of units)	3 (4)	4 (7)	3 (5)	- (-)	6 (11)	2 (29)	2 (4)	1 (1)	5 (12)	7 (25)	9 (15)	5 (10)	47 (123)

		JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
	2019/2020***													
DRC	Single Dwellings	16	11	8	18	27	14	4	5	10	8	8	8	137
	Other Residential Developments	4	4	3	4	11	6	1	4	2	1	1	1	42
	(No of units)	(8)	(7)	(6)	(7)	(19)	(10)	(2)	(7)	(2)	(2)	(2)	(1)	(73)
	2020/2021***													
DRC	Single Dwellings	7	17	21	12	20	46	18	25	30	27	17	20	260
	Other Residential Developments	5	2	5	6	3	15	2	6	5	5	7	9	70
	(No of units)	(7)	(4)	(11)	(10)	(4)	(35)	(5)	(10)	(8)	(9)	(47)	(14)	(164)
	2021/2022***													
DRC	Single Dwellings	28	15	15	13	16	39	5	17	22	14	17	11	212
	Other Residential Developments	8	6	2	4	5	7	7	8	4	-	2	4	57
	(No of units)	(12)	(28)	(3)	(6)	(13)	(11)	(9)	(15)	(6)	(-)	(3)	(5)	(111)
	2022/2023***													
DRC	Single Dwellings	15	21	38	8	27								109
	Other Residential Developments	4	3	3	4	7								21
	(No of units)	(7)	(3)	(5)	(6)	(10)								(31)

* Single Dwellings = Single 'Dwelling House'

** Other Residential Developments = Dual occupancies, secondary dwellings, multi dwelling housing, seniors housing, shop top housing and residential flat buildings

*** Includes private certifiers



Civic Administration Building
P.O. Box 81 Dubbo NSW 2830
T (02) 6801 4000
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ABN 53 539 070 928

Print Date: 29/11/2022

Print Time: 9:25:26AM

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/11/2022 - 30/11/2022**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Alterations and additions to commercial	3	1,757,131			3	1,757,131		
Alterations and additions to residential	4	597,344			4	597,344		
Balconies, decks patios terraces or ve	3	71,827	3	71,827				
Dual occupancy	5	2,515,348	5	2,515,348			8	
Dwelling	28	12,399,600	27	12,114,064	1	285,536	27	
Earthworks / change in levels	3	102,960	3	102,960				
Garages carports and car parking spaces	2	49,996	2	49,996				
Industrial development	2	2,033,500	2	2,033,500				
Pools / decks / fencing	11	478,786	11	478,786				
Secondary dwelling	2	133,271	2	133,271			2	
Shed	6	136,500	6	136,500				
Subdivision of land	3	15,000						4
Artisanal Food and Drink	1	8,000	1	8,000				
Totals for Development Types	73	20,299,263						

Total Number of Applications for this period: 69

*** Note: There may be more than one Development Type per Development Application
Statistics include applications by Private Certifiers

----- End of Report -----



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Print Date: 29/11/2022

Print Time: 9:26:40AM

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/11/2021 - 30/11/2021**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Educational Building	1	27,773,529	1	27,773,529				
Alterations and additions to commercial	2	149,000			2	149,000		
Alterations and additions to residential	8	1,176,867			8	1,176,867		
Balconies, decks patios terraces or ve	2	7,086	2	7,086				
Demolition	4	137,000	4	137,000				
Dual occupancy	2	2,150,000	2	2,150,000			3	
Dwelling	16	6,286,145	16	6,286,145			16	
Educational establishment	1	0			1			
Farm buildings	1	45,000	1	45,000				
Garages carports and car parking spaces	2	65,000	2	65,000				
Health services facilities	1	340,000	1	340,000				
Home business	1	4,500	1	4,500				
Industrial development	6	8,816,500	6	8,816,500				
Multi-dwelling housing	1	1,200,000	1	1,200,000			8	
Other	1	1,328,884	1	1,328,884				
Pools / decks / fencing	18	586,520	18	586,520			1	
Secondary dwelling	2	200,000	2	200,000			2	
Shed	14	334,453	14	334,453				
Signage	1	55,000	1	55,000				
Subdivision of land	1	0	1					2
Change of Use	3	262,000	2	12,000	1	250,000		

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/11/2021 - 30/11/2021**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Totals for Development Types	88	50,917,484						

Total Number of Applications for this period: 76

*** Note: There may be more than one Development Type per Development Application
Statistics include applications by Private Certifiers

----- End of Report -----



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ABN 53 539 070 928

Print Date: 29/11/2022

Print Time: 9:28:32AM

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/07/2022 - 30/11/2022**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Retail Building	2	958,000			2	958,000		
Alterations and additions to commercial	10	4,398,160			10	4,398,160		
Alterations and additions to industrial	1	300,000			1	300,000		
Alterations and additions to residential	28	4,225,815	1	5,000	27	4,220,815		
Balconies, decks patios terraces or ve	20	607,266	20	607,266				
Centre based childcare	3	6,727,991	3	6,727,991				
Demolition	8	991,257	8	991,257				
Dual occupancy	11	5,863,358	11	5,863,358			19	
Dwelling	129	56,005,028	128	55,719,492	1	285,536	128	
Earthworks / change in levels	8	274,560	8	274,560				
Educational establishment	4	6,782,903			4	6,782,903		
Farm buildings	1	140,000	1	140,000				
Garages carports and car parking spaces	12	333,448	12	333,448				
Health services facilities	2	812,203	2	812,203				2
Industrial development	4	2,956,700	4	2,956,700				
Mixed use development	1	390,000	1	390,000				
Multi-dwelling housing	1	495,000	1	495,000			3	5
Other	4	10,984,024	4	10,984,024				
Pools / decks / fencing	54	2,424,078	54	2,424,078				
Recreational uses	1	27,632,657	1	27,632,657				
Retaining walls, protection of trees"	3	12,320	3	12,320				
Secondary dwelling	9	1,163,961	8	1,123,961	1	40,000	8	

2022

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/07/2022 - 30/11/2022**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Shed	52	1,935,485	52	1,935,485				
Shop top housing	1	100,000	1	100,000			1	
Signage	3	65,550	3	65,550				
Subdivision of land	16	5,538,000	6	3,640,000				73
Take-away food and drink premises	2	3,607,645	2	3,607,645				
Telecommunications and communication fac	3	3,023,554	3	3,023,554				
Retail Premises	3	1,408,311	2	1,005,000	1	403,311		
Change of Use	2	5,000	1	5,000	1			
Artisanal Food and Drink	2	40,500	1	8,000	1	32,500		
Totals for Development Types	400	150,202,774						

Total Number of Applications for this period: 364

*** Note: There may be more than one Development Type per Development Application
Statistics include applications by Private Certifiers

----- End of Report -----



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T (02) 6801 4000
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ABN 53 539 070 928

Print Date: 29/11/2022

Print Time: 9:27:25AM

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/07/2021 - 30/11/2021**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Dwelling - single	19	4,936,895	12	3,889,493	7	1,047,402	12	
Dwelling- Transportable/Relocatable	2	615,398	2	615,398			2	
Dwelling - Secondary/Dual Occ Dwelling	4	725,127	4	725,127			4	
Dwelling - Dual Occupancy, one storey	6	2,706,000	6	2,706,000			12	
Medium Density Res - one/two storeys	2	12,502,410	2	12,502,410			57	
Garage/Carport/Roofed Outbuildings	12	248,792	12	248,792				
Fences/Unroofed Structures	1	13,000	1	13,000				
Swimming Pool	3	108,000	3	108,000				
Office Building	3	511,000	2	498,000	1	13,000		
Retail Building	1	348,700			1	348,700		
Retail & Residential Building	1	28,000,000	1	28,000,000				
Factory/Production Building	1	1,000,000	1	1,000,000				
Warehouse/storage	4	1,378,800	4	1,378,800				
Health Care Facility - Other	2	710,000	1	710,000	1			
Educational Building	2	32,573,529	2	32,573,529				
Entertainment/Recreational Building	1	60,000			1	60,000		
Signs/Advertising Structure	1	12,000	1	12,000				
Home Business	1	2,000			1	2,000		
Change of Use - Commercial	3	23,000			2	3,000		13
Tourism Development	1	3,600,000	1	3,600,000				
Subdivision - Residential	10	2,532,000						34
Subdivision - Industrial	1	60,000						3

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/07/2021 - 30/11/2021**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Subdivision - Rural	3	21,500	1	5,000				2
Alterations and additions to commercial	7	872,943			7	872,943		
Alterations and additions to residential	18	2,249,234			18	2,249,234		
Balconies, decks patios terraces or ve	11	117,282	11	117,282				
Demolition	10	284,000	10	284,000				
Dual occupancy	4	2,915,700	4	2,915,700			6	
Dwelling	80	28,494,879	80	28,494,879			80	
Earthworks / change in levels	1	50,000	1	50,000				
Educational establishment	2	30,000	1	30,000	1			
Farm buildings	1	45,000	1	45,000				
Garages carports and car parking spaces	10	226,604	10	226,604				
Group homes	1	1,100,000	1	1,100,000			1	
Health services facilities	1	340,000	1	340,000				
Home business	2	5,500	2	5,500				
Industrial development	12	10,386,500	11	10,286,500	1	100,000		
Multi-dwelling housing	2	2,080,000	2	2,080,000			11	
Other	6	8,458,898	6	8,458,898				
Pools / decks / fencing	43	1,501,425	43	1,501,425			1	
Recreational uses	1	700,000	1	700,000				
Restaurant or cafe	1	109,000			1	109,000		
Secondary dwelling	8	874,200	8	874,200			8	
Shed	38	1,016,971	38	1,016,971				
Signage	4	425,229	4	425,229				
Subdivision of land	8	398,000	8	398,000				21
Take-away food and drink premises	2	180,000			2	180,000		
Telecommunications and communication fac	1	300,000	1	300,000				
Retail Premises	4	399,000	2	175,000	2	224,000		
Change of Use	5	277,000	3	22,000	2	255,000		

2021

**Approved Development & Complying Development Applications
by Dubbo Regional Council and Private Certifiers-Period 1/07/2021 - 30/11/2021**

Development Type	Number of Applications	Est. \$	New Developments	Est. \$	Additions and Alterations	Est. \$	New Dwellings	New Lots
Artisanal Food and Drink	1	22,500	1	22,500				
Totals for Development Types	368	156,548,016						

Total Number of Applications for this period: 331

*** Note: There may be more than one Development Type per Development Application
Statistics include applications by Private Certifiers

----- End of Report -----

REPORTS FROM STAFF

CCL22/318 Renewable Energy Benefit Framework

Attachment 1:	Renewable Energy Benefit Framework.....	36
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Renewable Energy Benefit Framework



What is a Renewable Energy Benefit Framework?

A Renewable Energy Benefit Framework is the framework used to provide guidance to developers of Solar and Wind Energy about Council's requirements to deliver benefits to our community.

Solar Energy Farms and Wind Energy farms are Electricity Generating works.

Related Legislation

Under the provisions of the Dubbo Regional Local Environmental Plan 2022, Electricity Generating Works are defined as follows: "a building or place used for the purpose of—(a) making or generating electricity, or (b) electricity storage".

There has been much interest and growth in Solar Energy Farms and Wind Energy Farm developments in the Dubbo Regional Local Government Area (LGA).

This framework guides the impact of such development types and the need to carefully consider and plan for broader community impacts. The NSW Planning System allows for the consideration of the impacts of development on the community through the Planning Agreement process under the provisions of the Environmental Planning and Assessment Act, 1979.

Planning Agreements

A Planning Agreement is an agreement entered into by Council and a developer where the developer agrees to fund public amenities or infrastructure, dedicate land at no cost to Council, provide monetary contributions or any other material public benefit, for a public purpose.

A public purpose may include any of the following:

- A community facility;
- Affordable housing;
- Transport or other infrastructure relating to the development;
- The funding of recurrent expenditure relating to the provision of community facilities, affordable housing or transport or other infrastructure.

The use of Planning Agreements has increased as a result of their flexibility in allowing councils to capture public benefits outside of the infrastructure contributions system where there is a need for an innovative and flexible approach to deliver public infrastructure and services.

Community Benefit Objectives

- Ensure our community positively benefits from large scale solar and wind development.
- Manage and seek to ameliorate the impact of large scale and wind development.
- Provide opportunities for proponents to proactively and positively add to the betterment of the community.
- Provide opportunities for development proponents to positive 'non-traditional' community benefits in the Dubbo Regional Local Government Area.

Funding Target

Proponents of Solar Energy Farms and Wind Energy Farms will be required to enter into a Planning Agreement with Council with funding requirements to be equivalent to 1.5% of the Capital Investment Value of the project as a total value.

Use of Funds for Community Benefits

Council will utilise funds received for the benefit of the community of the Dubbo Regional Council Local Government Area. The benefit/s to the community includes (but may not be limited to) the following:

- Road infrastructure provision and maintenance;
- Housing opportunities and initiatives;
- Strategic planning;
- Economic development and investment attraction opportunities and initiatives;
- Skills development;
- Community facilities and recreation opportunities;
- Youth welfare and support;
- Town centre development and maintenance in Wellington;
- Other infrastructure provision that provides for the continued health, wellbeing and development of the community.

Council encourages the inclusion of a Community Benefit Fund/s component in all Planning Agreements. Community benefit fund/s provide the ability for community groups and other not for profit organisations to seek funding.

However, a Community Benefit Fund must constitute the smallest percentage of any Planning Agreement funding mechanism.

Further Information

For further information please contact Council's Growth Planning Branch on 02-6801 4000 or email to council@dubbo.nsw.gov.au

CCL22/320 Zero Emissions Fleet Strategy and Implementation Plan

Attachment 1: Zero Emissions Fleet Strategy Implementation Plan 38



Zero Emissions Fleet Strategy And Implementation Plan



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1 Introduction

The *Dubbo Regional Council Zero Emission Fleet (ZEF) Strategy and Implementation Plan* is designed to support and guide Council in reducing greenhouse gas emissions associated with its fleet operations.

A zero emissions fleet includes vehicles that do not emit any greenhouse gas emissions, such as battery electric (BEV) and hydrogen fuel cell electric vehicles (FCEVs). The transition to a zero emissions fleet can include hybrid electric (HEV) and plug-in hybrid electric (PHEV) vehicles, which utilise both fuel and electricity, and seek to lower fleet emissions but are not zero emissions. The benefits of transitioning to a zero emissions fleet include reduced greenhouse gas emissions, improved air quality, less noise, and lower running costs than conventional vehicles as a result of decreased fuel and servicing costs.

While zero emissions vehicle (ZEV) charging will increase electricity demand, emissions from vehicle charging will fall as Council increases the proportion of its electricity from renewable sources. In addition, any hydrogen procured for fuel would need to be produced from renewable energy sources to remain a zero emissions option.

The *ZEF Strategy and Implementation Plan* consists of four parts as outlined below:

Part 1: Council Roadmap (Everengi)

This Roadmap provides the overall context for the *ZEF Strategy and Implementation Plan* and has been developed on behalf of Council by Everengi, a consultant specialising in assisting organisations to plan, implement and transition to zero emission fleet operations. It also assesses the feasibility of the transition for Council including understanding what vehicles can transition and when, and what costs and resources would be required.

Part 2: Strategy

This section uses the information collected in Part 1 to outline Council's strategic vision, goals, and outcomes for the management of Council's fleet.

Part 3: Implementation Plan

This section contains specific actions for implementation to ensure the strategic outcomes in the Zero Emissions Fleet Strategy are achieved.

Part 4: Monitoring, Reporting and Review

Part 4 describes how the *ZEF Strategy and Implementation Plan* will be monitored, reported and reviewed.

2 Council Roadmap

2.1.1 Development of Roadmap

In December 2020 Council engaged Everengi to assist Council to plan, implement and transition to zero emission fleet operations. Everengi's main role was to aid Council in better understanding the business case and roadmap for transitioning to a zero emissions fleet. The final Roadmap (the Roadmap) submitted to Council in August 2021, has assisted Council in the development of this Strategy.

In particular, the Roadmap examined and provided commentary around:

- The importance of transitioning to a zero emissions fleet
- International, national and state legislative policy
- Predicted trends for Australia in 2025, 2030 and to 2050
- Barriers or challenges in transitioning to a zero emissions fleet
- Council's existing fleet operations
- Fleet transition analysis of both light and heavy vehicles
- Vehicle procurement and management
- Infrastructure procurement and management
- Key Enablers, including governance, policies, procedures and financing
- Key Recommendations, including suggested action pathways.

2.1.2 Key Findings

2.1.2.1 The business case for Council to transition is strong

The Roadmap concludes that there is a very strong business case for transitioning to a zero emissions fleet. The Roadmap examines the key environmental, economic and social drivers for change as it applies to Dubbo Regional Council. These insights are summarised below.

Transitioning to a zero emissions fleet will assist Council to:

- *Reduce fleet operating costs over a 10 year period (2021-2030)*

The Roadmap included a quantitative fleet transition analysis* to help DRC understand when assets would be technically and commercially suitable for electrification up until 2030. The quantitative fleet analysis estimated a potential reduction of costs from executing a Zero Emissions Fleet Roadmap of up to \$2.47 million or 5.5% compared to "business as usual" over the 10 year period to 2030 if the transition is managed appropriately.

- *Mitigate greenhouse gas emissions associated with Council's fleet operations*

Transport is Australia's third largest source of greenhouse gas emissions, accounting for 17% of total emissions. Council's fuel use (petrol, diesel) currently results in 12% of Council's greenhouse gas emissions from energy consumption (electricity, gas, fuel). By executing a Zero Emissions Fleet Roadmap or strategy the quantitative fleet analysis* estimated a potential emissions reduction of at least 1,760 tonnes CO₂

equivalent, or 9% of the combined light and heavy vehicle fleet emissions over the 10 year period to 2030.

**The Roadmap quantitative fleet transition analysis was based on a number of key assumptions at the time, including vehicle availability.*

- Rank highly amongst other leading local governments striving to achieve net zero emissions

The NSW government is aiming to fast track the transport sector to net zero emissions by 2050 and is one of the most progressive Australian states in this area along with the ACT. In recent years local government has also been leading in minimising carbon emissions. Typical initiatives include the integration of zero emission vehicles into local government fleets, installing charging infrastructure in public places, and policy development to promote sustainable transport forms. The Roadmap provides a detailed summary of councils leading in the transition, their initiatives and targets.

2.1.2.3 Council's pathway to transition will continue to evolve

The Roadmap outlines a number of pathways to transition for the light and heavy vehicle fleet. Light vehicles will transition more quickly than heavy vehicles as few 'fit for purpose' zero emissions heavy vehicles are currently available on the market.

The speed at which Council's fleet will transition will increase as electric vehicle technology advances, vehicle availability improves, and costs reduce.

Any strategy or policy developed will need to adapt to these changing conditions. In this light Council has developed a short-term strategy and implementation framework, with revisions to be completed every two years to account for changes in technology and the growing speed of transition expected.

2.1.2.3 Change is inevitable

The Roadmap outlines that the economic opportunity associated with zero emissions fleets (ZEFs) is approaching more quickly than many think with zero emissions vehicles to become the dominant vehicle choice from a total cost of ownership perspective from around 2025 onwards.

The Roadmap also states that the changing nature of global vehicle supply, driven by government mandates in many countries, is likely to introduce risks to 'business as usual' with increasing vehicle prices and lower choice for traditionally powered fleet options.

Preparing adequately with internal planning capability and forward thinking infrastructure investment can protect Council against more expensive reactive measures, with this Strategy and Implementation Plan becoming a key part of Council's forward planning.

2.1.2.4 Incentives exist for early adopters

There are a number of 'once in a generation' incentives being launched by the State Government for those councils willing to transition to a zero emissions fleet, including a reverse auction program to assist fleet managers to close the Total Cost of Ownership (TCO) gap between traditionally powered and zero emission vehicles sooner.

As zero emissions vehicles do approach TCO parity with traditionally powered vehicles, those councils with a refined understanding of zero emission vehicle TCO will have the skills, experience and knowledge to make effective procurement decisions across all assets.

There may be significant jobs and development opportunities for the community in regions that become early adopters through the procurement and public operation of ZEVs, councils are stimulating demand for such vehicles within a region. This will drive demand for broader ZEV charging services, encouraging private investment, driving new jobs and other economic activity.

3 The Strategy

3.1 Strategic Vision / Objective

Dubbo Regional Council plans for, and begins to transition to, a zero emissions fleet.

3.2 Policy Context

The Dubbo Regional Council Zero Emissions Fleet Strategy and Implementation Plan is designed to support and guide Council in planning and beginning to transition to a zero emissions fleet.

Council's requirement for the development of the Zero Emissions Fleet Strategy and Implementation Plan has arisen from Council's adopted Energy Strategy and Implementation Plan 2020 to 2025, which includes a Sustainable Transport goal to "plan for and begin to transition to a zero emissions fleet". This goal is based on the rationale that Council's fuel use (petrol, diesel) currently results in 12% of Council's greenhouse gas emissions from energy consumption (electricity, gas, fuel). Diesel use accounts for 11% of Council's greenhouse gas emissions from energy consumption, and is largely consumed by Council's heavy vehicle fleet. Council's total fleet fuel consumption in 2019/2020 was 1.2 million litres.

While the Strategy supports the direction and outcomes Council would like to achieve, the implementation plan will provide the actions and tasks for achieving the key strategic objectives under the key strategy areas.

The Strategy and Implementation Plan sits below Council's Community Strategic Plan and informs Council's four year Delivery and one year Operational Plans. During the revision of these Plans Council Directors will be required to consider the inclusion of the relevant strategies and actions.

3.3 Key Strategy Areas

The Energy Strategy has been divided into four key strategy areas. The individual strategies include:

1. Light Vehicles
2. Heavy Vehicles
3. Servicing and Maintenance
4. Charging Infrastructure

3.3.1 Strategy Area One – Light Vehicles

Scope:

This strategy area addresses light vehicle selection, procurement and use.

Goal:

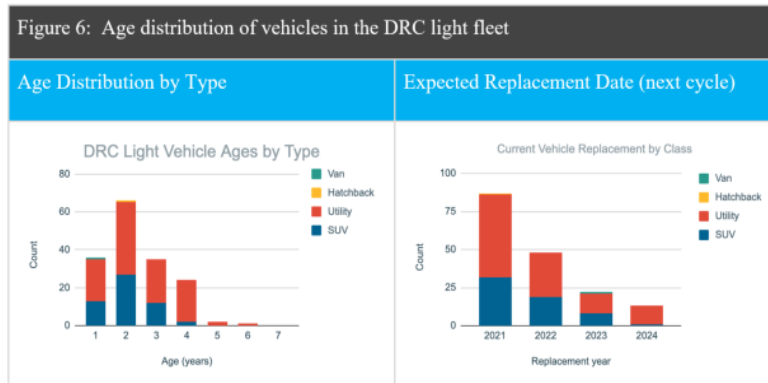
Dubbo Regional Council will progressively switch to low or zero emissions vehicles within its light vehicle fleet at the time of renewal, where the total cost of ownership (TCO) is equal to or less than the TCO of the existing traditionally powered vehicle and the vehicle is fit for purpose.

Rationale:

Council's light vehicle fleet currently contains 171 vehicles, with light commercial vehicles (e.g. utilities and vans) making up around two thirds of the light vehicle fleet. SUVs make up 27% of the fleet, with less than 7% of the light vehicle fleet being conventional passenger vehicles.

Council's light vehicle fleet accounts for **20.9%** of Council's fleet greenhouse gas emissions, with light commercial vehicles contributing to a vast majority of those emissions.

A relatively large proportion of light fleet assets are set for replacement in the coming financial years and provide opportunities for transition.



Source: DRC Zero Emissions Fleet Roadmap, Everengi November 2021

Zero emission vehicles tend to cost more upfront, but become much more cost effective when assessed on the full lifetime costs or Total Cost of Ownership (TCO), rather than solely on the upfront cost. The Roadmap considers TCO 'price parity' as a significant milestone or signal for transitioning to a zero emissions vehicle. This is when it is cheaper to own a zero emissions vehicle, compared to a traditionally powered vehicle, when costs are compared across the lifetime of the vehicle.

In examining the future transition of Council's light vehicle fleet the Roadmap indicates that Council's transition will be staggered as the TCO parity of a 'fit for purpose' low to zero emission vehicle with a traditionally powered vehicle varies greatly between each vehicle segment.

Table 18: When to expect electric vehicles to achieve TCO parity

Asset segment	Estimated TCO parity for EVs	Asset segment	Estimated TCO parity for EVs
Large Passenger	2025/26	Medium SUV	2025/26
Medium Passenger	2024/25	Small SUV	2024/25
Small Passenger	2023/24	LCV Ute	2026/27
Light Passenger	2022/23	LCV Van	2026/27
Large SUV	2026/27	LCV Commuter (Bus)	2026/27

Source: DRC Zero Emissions Fleet Roadmap, Everengi November 2021

In this regard, Council's Passenger Vehicles and SUVs will transition sooner, with Light Commercial Vehicles (e.g. utilities and vans), which make up the majority of Council's light vehicle fleet and its emissions, not expected to transition until after 2025 where it is predicted zero emission versions of these vehicles are more readily available on the Australian market.

The availability and cost of electric vehicles will be subject to great change in the coming years with significant investment in electric vehicle research and development and Council needs to be ready to adapt. The Roadmap suggests that Council could introduce a number of measures to aid electrification of its light vehicle fleet during this time. An example includes introducing a transitional arrangement for the light vehicle asset replacement schedule such as extending the holding period of existing vehicles by an additional year to take advantage of any improvements in electric vehicle availability and prices overtime. The business case of purchased electric vehicles could also be improved by extending their holding period and through higher utilisation for short trips.

Key Strategic Outcomes:

LV 1	Council prepares a Light Vehicle Fleet Policy aligned to Council's Zero Emission Fleet Strategy goals for light vehicles.
LV 2	Council reviews available 'fit for purpose' low or zero emission vehicles, their associated Total Cost of Ownership (TCO), and updates Council's Light Vehicle Fleet Policy's Vehicle Selection List annually.
LV 3	Council's fleet budget aligns with Council's Light Vehicle Fleet Policy.
LV 4	Council investigates and introduces where feasible incentives for staff leaseback vehicles to aid and accelerate its light vehicle fleet transition.
LV 5	Council pursues funding opportunities to aid and accelerate its light vehicle fleet transition. Grants assist in closing the Total Cost of Ownership (TCO) gap between zero emission and traditionally powered light vehicle fleet.
LV 6	Council purchases low or zero emissions vehicles according to Council's Zero Emission Fleet Strategy goals and in accordance with the Light Vehicle Fleet Policy.
LV 7	Council staff are aware, and have an operational knowledge of, zero emission vehicles introduced into the light vehicle fleet
LV 8	In accordance with Council's adopted <i>Energy Strategy and Implementation Plan 2020 – 2025</i> , Council obtains at least 50% of Council's light vehicle electricity consumption from renewable energy by 2025.
LV 9	Council is aware and knowledgeable of technological advances in zero emissions light vehicles
LV 10	Council partners with like-minded councils to lobby the State and Federal governments to prioritise the transition of light vehicles and investment in solutions to accelerate the transition.

3.3.2 Strategy Area Two – Heavy Vehicles

Scope:

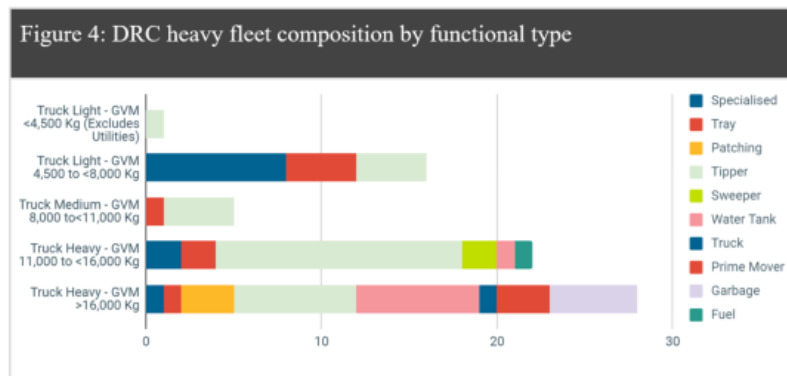
This strategy area addresses heavy vehicle selection, procurement and use.

Goal:

Dubbo Regional Council will progressively switch to low or zero emissions vehicles within its heavy vehicle fleet at the time of renewal, where the total cost of ownership (TCO) is equal to or less than the TCO of the existing traditionally powered vehicle and the vehicle is fit for purpose.

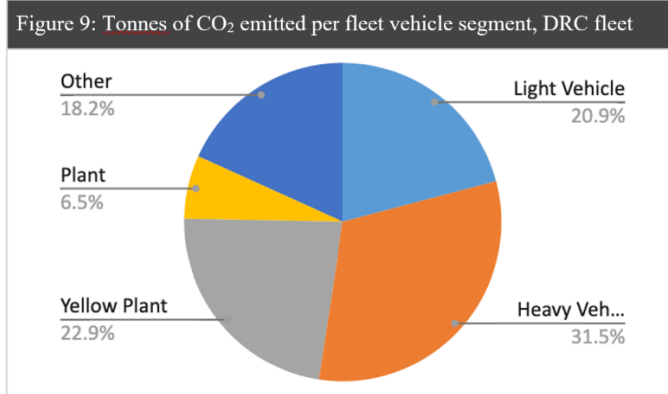
Rationale:

Council's heavy vehicle fleet currently contains 72 vehicles, with the dominant vehicle class being tipper trucks. There is a tendency within the fleet for heavier vehicles, with nearly three quarters of the fleet over 11 tonnes GVM.



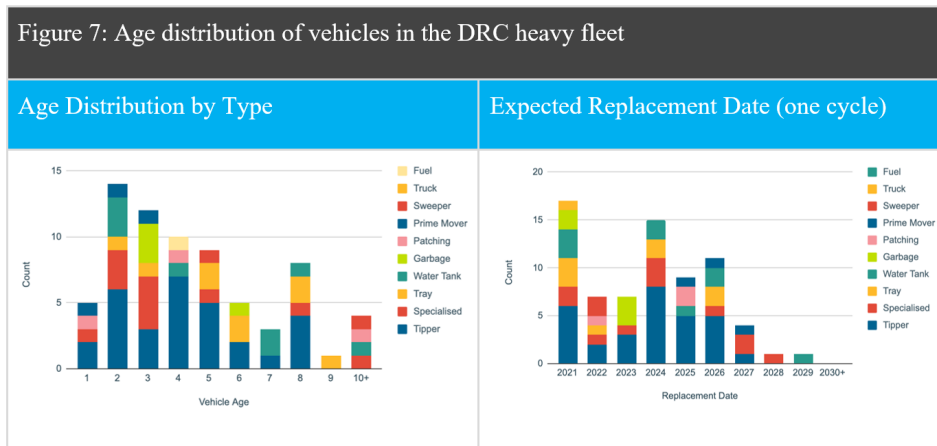
Source: DRC Zero Emissions Fleet Roadmap, Everengi November 2021

Council's heavy truck fleet and heavy plant dominate Council emissions accounting for over **60%** of total fleet greenhouse gas emissions.



Source: DRC Zero Emissions Fleet Roadmap, Everengi November 2021

A relatively large proportion of heavy fleet assets are set for replacement in the coming financial years



Source: DRC Zero Emissions Fleet Roadmap, Everengi November 2021

Depending on the specific use case, the business case for low to zero emissions heavy vehicles and availability of appropriate vehicles is generally poor, which will result in a period of relative inaction for heavy vehicle fleet transition particularly before 2025.

A like for like replacement analysis was conducted part of the Roadmap which concluded that given current technology only 7 heavy vehicles had an operationally straightforward electric option available on the market at “the time of scheduled replacement” and with a positive Total Cost of Ownership over a ten year period. In addition, the Roadmap

concluded that hydrogen powered (Hydrogen Fuel Cell) vehicles are more than ten years from cost-effective fleet operation in a regional setting.

The technical specification, cost and weight improvements expected in the heavy electric vehicle industry over the next 10 years will increasingly improve the business case for electrification of Council's heavy vehicle fleet. Given the significant investments globally in zero emission vehicle R&D, there is also potential for a break-through in operational capabilities sooner than projected.

It is also likely that the Central West Orana Renewable Energy Zone (REZ) may provide some opportunities for Council to invest in hydrogen fuel cell technology should hydrogen infrastructure investment occur within REZ.

Council's heavy vehicle fleet transition pathway prior to 2025 will therefore focus on trialling a number of zero emission options, adopting a pilot and learn approach. A key element of this approach will be ensuring that Council collates relevant data on its heavy vehicle requirements (e.g. payload), and tracks and monitors the performance of any trial low or zero emission heavy vehicles.

Key Strategic Outcomes:

HV 1	Council prepares a Heavy Vehicle Fleet Policy aligned to Council's Zero Emission Fleet Strategy goals for heavy vehicles. The Policy addresses vehicle selection, procurement, and use.
HV 2	Council is aware and knowledgeable of the 'fit for purpose' requirements of its heavy vehicle fleet.
HV 3	Council reviews available 'fit for purpose' low or zero emission vehicles, their associated Total Cost of Ownership (TCO), and updates Council's Heavy Vehicle Fleet Policy's Vehicle Selection List annually.
HV 4	Council's fleet budget aligns with Council's Heavy Vehicle Fleet Policy.
HV 5	Council pursues funding opportunities to aid and accelerate its heavy vehicle fleet transition. Grants assist in closing the Total Cost of Ownership (TCO) gap between zero emission and traditionally powered heavy vehicle fleet.
HV 6	Council adopts a 'pilot and learn' approach to its heavy vehicle fleet transition.
HV 7	Council staff are aware, and have an operational knowledge of, zero emission vehicles introduced into the heavy vehicle fleet.
LV 8	In accordance with Council's adopted <i>Energy Strategy and Implementation Plan 2020 – 2025</i> , Council obtains at least 50% of Council's heavy vehicle electricity consumption from renewable energy by 2025.
HV 9	Council is aware and knowledgeable of technological advances in zero emissions heavy vehicles.

HV 10	Council partners with like-minded councils to lobby the State and Federal governments to prioritise the transition of heavy vehicles and investment in solutions to accelerate the transition.
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3.3.3 Strategy Area Three – Servicing and Maintenance

Scope:

This strategy area addresses vehicle servicing and maintenance of Council's zero emission light and heavy vehicle fleet.

Goal:

Dubbo Regional Council plans for and provides vehicle servicing and maintenance aligned to Council's Zero Emission Fleet Strategy goals.

Rationale:

Electric vehicles only have a small number of moving parts that require maintenance, such as software updates, brake fluid, wiper fluid, wiper blades, tyre and wheel alignment and care, air conditioning servicing and the cabin air filter. Major servicing issues such as motor bearing failure and battery degradation are not issues that normally arise in the operational life of electric vehicles, but would be warranty covered items.

In this regard, electric vehicles will require both in house and external servicing and maintenance. Whilst Council may be able to attend to most maintenance requirements at a significant saving over external servicing, any sensor failures and associated error codes will require the vehicle to be sent to a car dealership with access to special IP owned by the vehicle manufacturer. In addition vehicle dealerships may be required for scheduled servicing to ensure warranty compliance, or to address any warranty claims.

The Roadmap indicates that in the early years of transition Council may grapple with the lack of vehicle dealership support, but some local dealers such as Nissan, Kia and Hyundai are working towards electric vehicle readiness in the region.

Council will need to ensure in house maintenance staff attain the skills required, and develop any procedures and policies to ensure a 'safe work environment' when working with electric vehicles.

Key Strategic Outcomes:

SM 1	Dubbo Regional Council prepares a Vehicle Servicing and Maintenance Policy aligned to Council's Zero Emission Fleet Strategy goals.
SM 2	Council in-house servicing and maintenance staff attain the skills required for the transition to a zero emissions fleet
SM 3	Council develops procedures and policies to ensure a "safe work environment" for the transition to a zero emissions fleet
SM 4	Council services and maintains low to zero emission vehicles according to the above Vehicle Servicing and Maintenance Policy

3.3.4 Strategy Area Four – Charging Infrastructure**Scope:**

This strategy area addresses charging infrastructure and software selection, procurement, installation, use, servicing and maintenance.

Goal:

Dubbo Regional Council plans for, installs and maintains appropriate charging infrastructure aligned to Council's Zero Emission Fleet Strategy goals.

Rationale:

The number of chargers required to be installed in the early years of transition is recommended to be "one charger per one electric vehicle" procured until it has been operationally demonstrated that this number of chargers is not required. Council will obtain a better understanding of the required number of chargers through real world experience obtained in the early phases of transition and also the use of telematics.

The type of chargers installed must be 'smart' or controllable chargers to ensure load management systems, which integrate with all chargers on site and regulates their output, can be installed to reduce ongoing energy costs and impacts on the electricity network. Consideration should be given to chargers with vehicle to grid (V2G), vehicle to home (V2H), or vehicle to load (V2L) capabilities however these technologies are relatively new and may limit electric vehicle options in the very near future.

The size of chargers required at these sites will be Level 2 AC fast chargers (7- 22 kW). It was not recommended that Council install Level 3 DC Rapid Chargers (e.g. Tesla, NRMA) for its fleet.

The priority location for charging infrastructure will be Council buildings and facilities which house the majority of Council's fleet, such as the Dubbo Hawthorne Street Depot, Wellington Amaroo Drive Depot and the Dubbo Civic Administration Building. However

households will also play a critical role with one in three vehicles within Council's fleet considered suitable for home charging (97 of 291 vehicles). Many factors however will need to be considered before Council installs home or private charging infrastructure, but it may aid Council's transition where it removes or limits the need for costly Council building and network upgrades.

Future proofing Council buildings and facilities will be particularly important when it comes to Council's electric vehicle transition. Major costs can incur to Council should existing sites require costly carpark trenching and civil works, or a site requires upgrades to upstream grid infrastructure (e.g. transformers, cables or feeder mains). In addition, any required upgrades to grid infrastructure can take time (18-24 months) and any increases in network capacity are allocated by the distribution network service provider (DNSP) on a first come first served basis.

Key Strategic Outcomes:

CI 1	Council prepares a Charging Infrastructure Policy aligned to Council's Zero Emission Fleet Strategy goals. The Policy would cover infrastructure and software selection, procurement, installation, use, servicing and maintenance.
CI 2	Council buildings and facilities are future proofed. Council considers and plans for future charging infrastructure requirements at existing, refurbished and new buildings, facilities and carparks.
CI 3	Council determines the feasibility of, and if feasible plans for, future home charging infrastructure required to support Council leaseback vehicles garaged at home.
CI 4	Council ensures operational budgets are aligned to Council's zero emissions fleet transition goals.
CI 5	Council pursues funding opportunities to aid and accelerate the installation of charging infrastructure required to meet Council's zero emissions fleet transition goals.
CI 6	Council has adequate charging infrastructure to meet Council's Zero Emission Fleet Strategy goals.
CI 7	Council staff are aware, and have an operational knowledge of, installed charging infrastructure
CI 8	Council staff attain the skills required for the transition to a zero emissions fleet particularly in relation to servicing and maintaining charging infrastructure
CI 9	Council develops procedures and policies to ensure a "safe work environment" for the transition to a zero emissions fleet particularly in relation to charging infrastructure
CI 10	Council services and maintains installed charging infrastructure according to the above Charging Infrastructure Policy
CI 11	Council monitors advances in, and obtains a better understanding of, charging infrastructure required to support its future low to zero emissions fleet
CI 12	Council partners with like-minded councils to lobby the State and Federal governments to prioritise investment in charging infrastructure within the region.

4 Implementation Plan

This section contains specific actions to be undertaken by Dubbo Regional Council to ensure the key strategic outcomes in the Zero Emissions Fleet Strategy are addressed.

A copy of the Implementation Plan is below.

The delivery timeframe for the Plan will be from when the Zero Emissions Fleet Strategy and Implementation Plan is adopted by the Executive Leadership Team and/or Council until June 2025.

The delivery timeframe is split into three categories and assigned against each specific action.

- Short Term – completion within 1-2 years
- Medium Term – completion within 3-4 years
- Ongoing – a recurring event to be completed on a continuing basis

Strategy Area		Light Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
LV 1	Council prepares a Light Vehicle Fleet Policy aligned to Council's Zero Emission Fleet Strategy goals for light vehicles.	LV 1.1	<p>Council develops and adopts a Light Vehicle Fleet Policy aligned to Council's Zero Emission Fleet Strategy goals for light vehicles.</p> <p>The Policy addresses vehicle selection, procurement, and use.</p> <p>The Policy also considers the incorporation of measures to aid electrification, such as extended holding periods of vehicles.</p> <p>The Policy includes a Vehicle Selection List or Schedule which is updated and approved annually by the Executive Leadership Team.</p>	Short Term	Fleet & Depot Services	Fleet & Depot Services / Resource Recovery & Efficiency
LV 2	Council reviews available 'fit for purpose' low or zero emission light vehicles, their associated Total Cost of Ownership (TCO), and updates the Light Vehicle Fleet Policy's Vehicle Selection List annually	LV 2.1	Council reviews the available 'fit for purpose' low or zero emission light vehicles, and their associated Total Cost of Ownership (TCO).	Annually	Fleet & Depot Services	Fleet & Depot Services
		LV 2.2	Council updates the Light Vehicle Fleet Policy's Vehicle Selection List or Schedule according to the results of the 'fit for purpose' low or zero emission vehicles review.	Annually	Fleet & Depot Services	Fleet & Depot Services
LV 3	Council's fleet budget aligns with Council's Light Vehicle Fleet Policy.	LV 3.1	Council's fleet budget is updated to reflect Council's Light Vehicle Fleet Policy.	Annually	Fleet & Depot Services	Fleet & Depot Services

Strategy Area		Light Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
LV 4	Council investigates and introduces where feasible incentives for staff leaseback vehicles to aid and accelerate its light vehicle fleet transition.	LV 4.1	Council develops and adopts an incentive for staff leaseback vehicles which allow a higher purchase price for electronic vehicles (EVs) when the total cost of ownership over a four year period is no more than the approved range of internal combustion engine vehicle options. This incentive may be altered by the CEO when considered advantageous with new technology and government incentives that do not increase the total cost of ownership to Council.	Short Term	Fleet & Depot Services	Fleet & Depot Services
LV 5	Council pursues funding opportunities to aid and accelerate its light vehicle fleet transition. Grants assist in closing the Total Cost of Ownership (TCO) gap between zero emission and traditionally powered light vehicle fleet.	LV 5.1	Council applies for Federal or State Government grants to assist in funding the Total Cost of Ownership (TCO) gap between zero emission and traditionally powered light vehicle fleet.	Short Term	Fleet & Depot Services	Fleet & Depot Services / Resource Recovery & Efficiency
LV 6	Council purchases low or zero emissions vehicles according to Council's Zero Emission Fleet Strategy goals and in accordance	LV 6.1	Council purchases low or zero emissions vehicles according to Council's Zero Emission Fleet Strategy goals and in accordance with the Light Vehicle Fleet Policy.	Short to Medium	Fleet & Depot Services	Fleet & Depot Services

Strategy Area		Light Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
	with the Light Vehicle Fleet Policy.	LV 6.2	Council considers purchasing a low or zero emissions vehicle as a "pool car or Council use only vehicle" to allow staff to be familiar with and to gain a better understanding of EV technology.	Short	Fleet & Depot Services	Fleet & Depot Services / Development & Marketing
LV 7	Council staff are aware, and have an operational knowledge of, zero emission vehicles introduced into the light vehicle fleet	LV 7.1	An induction or training course is developed for staff drivers of Council owned zero emission light vehicles.	Medium	Fleet & Depot Services	Fleet & Depot Services/ People, Culture & Safety
		LV 7.1	Staff complete an induction or training course prior to driving Council owned zero emission light vehicles.	Medium	Fleet & Depot Services	Relevant Staff
		LV 7.2	An educational test drive day (or week) is planned by Council in collaboration with a light electric vehicle retailer to increase staff awareness and operational knowledge of low to zero emission light vehicles.	Medium	Fleet & Depot Services	Fleet & Depot Services/ People, Culture & Safety

Strategy Area		Light Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
LV 8	In accordance with Council's adopted Energy Strategy and Implementation Plan 2020 – 2025, Council obtains at least 50% of Council's light vehicle electricity consumption from renewable energy by 2025.	LV 8.1	As part of Council's electricity contract, Council purchases at least 50% of Council's light vehicle electricity consumption from renewable energy by 2025.	Medium	Organisational Services (Procurement)	Resource Recovery and Efficiency/ Organisational Services (Procurement)
LV 9	Council is aware and knowledgeable of technological advances in zero emissions light vehicles	LV 9.1	Council is a member of local government networks aimed at increasing council awareness and knowledge of technological advances in zero emissions light vehicles	Ongoing	Fleet & Depot Services / Resource Recovery & Efficiency	Fleet and Depot Services / Resource Recovery & Efficiency
LV 10	Council partners with like-minded councils to lobby the State and Federal governments to prioritise the transition of light vehicles and investment in solutions to accelerate the transition.	LV 10.1	Council is a member of local government networks which lobby the State and Federal governments to prioritise the transition of light vehicles and investment in solutions to accelerate the transition.	Ongoing	Fleet and Depot Services / Resource Recovery & Efficiency	Fleet and Depot Services / Resource Recovery & Efficiency

Strategy Area		Heavy Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
HV 1	Council prepares a Heavy Vehicle Fleet Policy aligned to Council's Zero Emission Fleet Strategy goals for heavy vehicles. The Policy addresses vehicle selection, procurement, and use.	HV 1.1	Council develops and adopts a Heavy Vehicle Fleet Policy aligned to Council's Zero Emission Fleet Strategy goals for light vehicles. The Policy addresses vehicle selection, procurement, and use. The Policy includes a Vehicle Selection List or Schedule which is updated and approved annually by the Executive Leadership Team.	Short	Fleet & Depot Services	Fleet & Depot Services / Resource Recovery & Efficiency
HV 2	Council is aware and knowledgeable of the 'fit for purpose' requirements of its heavy vehicle fleet	HV 2.1	Council conducts a review of its 'fit for purpose' requirements of its heavy vehicle fleet.	Short	Fleet & Depot Services	Fleet & Depot Services
HV 3	Council reviews available 'fit for purpose' low or zero emission heavy vehicles, their associated Total Cost of Ownership (TCO)	HV 3.1	Council reviews the available 'fit for purpose' low or zero emission heavy vehicles, and their associated Total Cost of Ownership (TCO).	Annually	Fleet & Depot Services	Fleet & Depot Services
HV 4	Council's fleet budget aligns with Council's Heavy Vehicle Fleet Policy.	HV 4.1	Council's fleet budget is updated to reflect Council's Heavy Vehicle Fleet Policy.	Annually	Fleet & Depot Services	Fleet & Depot Services

Strategy Area		Heavy Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
HV 5	Council pursues funding opportunities to aid and accelerate its heavy vehicle fleet transition. Grants assist in closing the Total Cost of Ownership (TCO) gap between zero emission and traditionally powered heavy vehicle fleet.	HV 5.1	Council applies for Federal or State Government grants to assist in funding the Total Cost of Ownership (TCO) gap between zero emission and traditionally powered heavy vehicle fleet.	Short	Fleet & Depot Services	Fleet & Depot Services / Resource Recovery & Efficiency
HV 6	Council adopts a 'pilot and learn' approach to its heavy vehicle fleet transition	HV 6.1	Council purchases a zero emissions heavy vehicle to trial within its fleet in accordance with Council's Zero Emission Fleet Strategy and Heavy Vehicle Fleet Policy.	Medium	Fleet & Depot Services	Fleet & Depot Services
HV 7	Council staff are aware, and have an operational knowledge of, zero emission vehicles introduced into the heavy vehicle fleet	HV 7.1	An induction or training course is developed for staff drivers of Council owned zero emission heavy vehicles.	Medium	Fleet & Depot Services	Fleet & Depot Services/ People, Culture & Safety
		HV 7.2	Staff complete an induction or training course prior to driving Council owned zero emission heavy vehicles.	Medium	Fleet & Depot Services	Relevant Staff
		HV 7.3	An educational test drive day (or week) is planned by Council in collaboration with a heavy electric vehicle manufacturer to increase staff awareness and operational knowledge of low to zero emission heavy vehicles.	Medium	Fleet & Depot Services	Fleet & Depot Services/ People, Culture & Safety

Strategy Area		Heavy Vehicles				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
HV 8	In accordance with Council's adopted Energy Strategy and Implementation Plan 2020 – 2025, Council purchases at least 50% of Council's heavy vehicle electricity consumption from renewable energy by 2025.	HV 8.1	As part of Council's electricity contract, Council purchases at least 50% of Council's heavy vehicle electricity consumption from renewable energy by 2025.	Medium	Organisational Services (Procurement)	Resource Recovery & Efficiency/ Organisational Services (Procurement)
HV 9	Council is aware and knowledgeable of technological advances in zero emissions heavy vehicles	HV 9.1	Council is a member of local government networks aimed at increasing council awareness and knowledge of technological advances in zero emissions heavy vehicles	Ongoing	Fleet and Depot Services / Resource Recovery & Efficiency	Fleet and Depot Services / Resource Recovery & Efficiency
HV 10	Council partners with like-minded councils to lobby the State and Federal governments to prioritise the transition of heavy vehicles and investment in solutions to accelerate the transition.	HV 10.1	Council is a member of local government networks which lobby the State and Federal governments to prioritise the transition of heavy vehicles and investment in solutions to accelerate the transition.	Ongoing	Fleet and Depot Services / Resource Recovery & Efficiency	Fleet and Depot Services / Resource Recovery & Efficiency

Strategy Area		Servicing and Maintenance				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
SM 1	Council prepares a Vehicle Servicing and Maintenance Policy aligned to Council's Zero Emission Fleet Strategy goals.	SM1.1	Council develops and adopts a Vehicle Servicing and Maintenance Policy aligned to Council's Zero Emission Fleet Strategy goals.	Short	Fleet & Depot Services	Fleet & Depot Services
SM 2	Council in-house servicing and maintenance staff attain the skills required for the transition to a zero emissions fleet	SM2.1	Council is aware of the inhouse skills required and courses available for staff in relation to servicing and maintaining zero emissions	Short	Fleet & Depot Services	Fleet & Depot Services
		SM2.2	Council obtain the inhouse skills required for servicing and maintaining zero emission vehicles	Medium	Fleet & Depot Services	Fleet & Depot Services / People, Culture & Safety
SM 3	Council develops procedures and policies to ensure a "safe work environment" for the transition to a zero emissions fleet	SM3.1	Council is aware of the risks of inhouse servicing and maintaining zero emission vehicles	Short	Fleet & Depot Services	Fleet & Depot Services / People, Culture & Safety
		SM3.2	Council develops and adopts procedures and policies to ensure a "safe work environment" when servicing and maintaining zero emissions vehicles	Medium	Fleet & Depot Services	Fleet & Depot Services / People, Culture & Safety

Strategy Area		Servicing and Maintenance				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
SM 4	Council services and maintains low to zero emission vehicles.	SM4.1	Council services and maintains low to zero emission vehicles according to the above Vehicle Servicing and Maintenance Policy.	Short to Medium	Fleet & Depot Services	Fleet & Depot Services

Strategy Area		Charging Infrastructure				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
CI 1	Council prepares a Charging Infrastructure Policy aligned to Council's Zero Emission Fleet Strategy goals. The Policy would cover infrastructure and software selection, procurement, installation, use, servicing and maintenance.	CI 1.1	Council develops and adopts a Charging Infrastructure Policy aligned to Council's Zero Emission Fleet Strategy goals for light vehicles. The Policy would cover infrastructure and software selection, procurement, installation, use, servicing and maintenance.	Short	Resource Recovery & Efficiency	Resource Recovery & Efficiency/ Building Services/Fleet & Depot Services
CI 2	Council buildings and facilities are future proofed. Council considers and plans for future charging infrastructure requirements at existing, refurbished and new buildings, facilities and carparks.	CI2.1	Council develops and adopts a Sustainable Building Policy (<i>as per Council's adopted Energy Strategy and Implementation Plan</i>) to ensure Council considers and plans for future charging infrastructure requirements at existing, refurbished and new buildings, facilities and carparks.	Short	Resource Recovery & Efficiency	Resource Recovery & Efficiency/ Building Services

Strategy Area		Charging Infrastructure				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
CI 3	Council determines the feasibility of, and if feasible plans for, future home charging infrastructure required to support Council leaseback vehicles garaged at home.	CI3.1	Council conducts a study into the feasibility of utilising home charging infrastructure to charge Council low to zero emission leaseback vehicles.	Short	Resource Recovery & Efficiency	Resource Recovery & Efficiency/ Building Services/ Fleet & Depot Services
		CI3.2	If feasible Council plans for future home charging infrastructure required to support Council leaseback vehicles garaged at home	Medium	Fleet & Depot Services	Building Services/ Fleet & Depot Services
CI 4	Council ensures operational budgets are aligned to Council's zero emissions fleet transition goals.	CI4.1	Council's fleet budget is updated to reflect charging infrastructure requirements needed to meet Council's zero emissions fleet transition goals.	Annually	Fleet & Depot Services	Fleet & Depot Services
CI 5	Council pursues funding opportunities to aid and accelerate the installation of charging infrastructure required to meet Council's zero emissions fleet transition goals.	CI5.1	Council applies for Federal or State Government grants to assist in funding the installation of charging infrastructure required to meet Council's zero emission fleet transition goals.	Short	Resource Recovery & Efficiency	Resource Recovery & Efficiency
CI 6	Council has adequate charging infrastructure to meet Council's Zero Emission Fleet Strategy goals.	CI6.1	Council installs charging infrastructure according to Council's Zero Emission Fleet Strategy goals, and in accordance with the Charging Infrastructure Policy.	Short to Medium	Fleet & Depot Services	Building Services

Strategy Area		Charging Infrastructure				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
CI 7	Council staff are aware, and have an operational knowledge of, installed charging infrastructure	CI7.1	A charging infrastructure induction or training course is developed for staff drivers of Council owned zero emission vehicles.	Medium	Building Services	Building Services/People, Culture & Safety
		CI7.2	Staff complete a charging infrastructure induction or training course prior to driving Council owned zero emission vehicles.	Medium	Building Services	Relevant Staff
		CI7.3	An education or demonstration day is planned by Council to increase staff awareness and operational knowledge of installed charging infrastructure.	Medium	Building Services	Building Services/ People, Culture & Safety
CI 8	Council staff attain the skills required for the transition to a zero emissions fleet particularly in relation to servicing and maintaining charging infrastructure	CI8.1	Council is aware of the in-house skills required and courses available for staff in relation to servicing and maintaining charging infrastructure	Short	Building Services	Building Services
		CI8.2	Council obtain the in-house skills required for servicing and maintaining charging infrastructure	Medium	Building Services	Building Services
CI 9	Council develops procedures and policies to ensure a "safe work environment" for the	CI9.1	Council is aware of the risks of in-house servicing and maintenance of charging infrastructure	Short	Building Services	Building Services / People, Culture & Safety

Strategy Area		Charging Infrastructure				
Key Strategic Outcomes		Actions		Delivery	Funding	Responsibility
	transition to a zero emissions fleet particularly in relation to charging infrastructure	CI9.2	Council develops and adopts procedures and policies to ensure a “safe work environment” when servicing and maintaining charging infrastructure	Medium	Building Services	Building Services / People, Culture & Safety
CI 10	Council services and maintains installed charging infrastructure.	CI10.1	Council staff (or Council’s contractor) maintain and service installed charging infrastructure according to the above Charging Infrastructure Policy.	Short to Medium	Building Services	Building Services
CI 11	Council monitors advances in, and obtains a better understanding of, charging infrastructure required to support its future low to zero emissions fleet	CI11.1	Council is a member of local government networks aimed at increasing council awareness and knowledge of technological advances in charging infrastructure	Ongoing	Resource Recovery & Efficiency	Resource Recovery & Efficiency/ Building Services
CI 12	Council partners with like-minded councils to lobby the State and Federal governments to prioritise investment in charging infrastructure within the region.	CI12.1	Council is a member of local government networks which lobby the State and Federal governments to prioritise investment in charging infrastructure within the region.	Ongoing	Resource Recovery & Efficiency	Resource Recovery & Efficiency/ Building Services

5 Monitoring, Reporting and Review

Key strategic goals, outcomes and actions from the Strategy and Implementation Plan must be incorporated by relevant Directors and Managers into Council's four year Delivery and one year Operational Plans.

In this light any progress achieved against the Strategy and Implementation Plan will be reported on by the Responsible Council Officer through the standard Council Integrated Planning and Reporting process.

A detailed strategic review of the Strategy and Implementation Plan will then be completed by December 2024.

CCL22/322 Draft Wellington Street Tree Masterplan

Attachment 1:	Wellington Street Tree Masterplan FINAL DRAFT OCT	
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Wellington Street Tree Masterplan

October 2022

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Traditional Owner Acknowledgement

Dubbo Regional Council respectfully acknowledges traditional owners of the Dubbo Region, the Wiradjuri people and acknowledges their Ancestors and Elders past, present and emerging.

Purpose

This Street Tree Masterplan identifies a range of prioritised streets in Wellington for street tree planting and recommends species to be planted in each. The Masterplan will guide Council's investment in street trees as and when funding allows for works to be completed. The Masterplan aims to meet a range of outcomes including:

- Improving the look and amenity of the gateway roads in and out of Wellington
- increasing shade cover over areas in need e.g., in socially vulnerable areas
- Strengthening the overall health, vitality and biological resilience of the main thoroughfare that runs north to south of the township
- Improving the amenity of the main township streets in the commercial area
- Improving the vegetation corridors that run north south and east west from the rivers, through town and out to the surrounding rural land.

Strategic Context

This Masterplan forms a companion document to the Dubbo Street Tree Masterplan 2016.

All tree planting in Wellington and Montefiores will follow the species and planting guidance included in the following sections of the Dubbo Street Tree Masterplan:

- Book 2 – Street trees for the City of Dubbo
- Book 3 – Toolkit booklet

Wellington Context

Wellington is framed by an impressive natural environment where the junction of the Macquarie and Bell rivers meet at the foot of Mount Arthur. Due to its slightly higher elevation than Dubbo and the proximity of Mt Arthur to the west which protects the town from the hot westerly winds in summer, the township has an impressive cover of existing vegetation. The township is characterised by wide streets with distinct avenues of mostly deciduous trees, low density buildings and an array of parkland. Some of the parkland is distinctly exotic in nature, such as Cameron Park, while other areas are dominated with native plantings, such as Apex Park.

Average annual rainfall is around 615mm, compared to Dubbo's which is around 555mm. The cooler winter and summers along with the slightly higher rainfall mean that Wellington can support a greater variety of trees, especially exotic deciduous trees that form such an important part of the townships existing character.

Wellington has its fair share of social issues, driven by pockets of social disadvantage spread throughout the northwest and southwest of the township, the potential to improve the amenity and shade cover of the town for the benefit of the socially vulnerable is significant. Research that suggests tree cover is greater in urban areas of affluence, rings true in Wellington. Areas within the township where social disadvantage is high correspondingly have less tree cover, despite the need for respite from the summer heat being higher.

Recent civic beautification and infrastructure projects such as the Nanima Crescent upgrade and the new aquatic centre have greatly improved the amenity and character of the central township.

The Benefits of Street Trees

Environmental Benefits

- **Provide shade and cool our townships**
An increase in tree canopy and greening can reduce air and surface temperatures by 3 to 20°C (Gil *et al.*, 2007)
- **Reduce storm water flows, pollution, and nutrient loads**
Tree canopies and root systems reduce storm water flows and nutrient runoff into our waterways. Streets with higher vegetation cover are three to six times more effective in managing storm water than conventional methods (Norton *et al.*, 2013)
- **Provide habitat and enhance levels of biodiversity**
Urban and rural roadside trees support a wide range of species, even endangered animals, and other species of high conservation value (Kendal *et al.*, 2016)

Social Benefits

- **Encouraging outdoor activity**
Well-vegetated parks, gardens and streets encourage the use of open spaces, with health benefits such as reduced obesity and increased physical activity levels and promotes more sustainable forms of transportation (van Dillen, 2012)
- **Reducing sun exposure**
The prevalence of skin cancer and other illnesses due to sun exposure have shown that protection from sunlight's UV rays is vital. Tree shade can reduce overall exposure to UV radiation by up to 75 per cent. (Mullaney *et al.*, 2015)
- **Improving mental wellbeing**
Access to, and views of, green spaces and trees have positive effects on people's wellbeing (Karden, 2016)

Economic Benefits

- **Reducing energy costs**
Energy saving benefits come through shading and sheltering buildings from the sun in summer and allowing sunlight in winter (Simpson, 1996)
- **Increasing property values**
Trees in streets enhance neighbourhood aesthetics and increase property values. Properties in tree-lined streets are valued approximately 30% higher than those in streets without trees (Plant, 2017)

- **Increased retail activity**
Shoppers spend longer and more money in retail areas where the area is landscaped, and trees provide shade and amenity (Wolf, 2005)
- **Return on investment**
Cities across the world have demonstrated that trees create a positive return on investment. In the City of New York, it has been calculated that for every dollar spent on a tree, \$5.60 worth of benefits were returned. (US Forest Service, 2020)

Cultural Benefits

- **Creation of local identity**
A township's landscape helps define its character. Trees and vegetation can physically define a place. Trees provide landscape amenity and integrate nature into the urban environment
- **Marketing Places**
Green spaces play a role in defining the culture and image of a town. A town is more competitive with an expanded influence when the built and natural urban environment is attractive and welcoming.
- **Reinforcing First Nations status**
Culturally significant trees are a vital and tangible link to the continuous connection to place for First Nations people. Culturally significant trees are clear evidence of Indigenous community's existence on this land for thousands of years, prior to colonial settlement. Culturally significant trees are important sentinels to interpret and connect to the landscape and a cultural marker to pass valuable cultural knowledge to subsequent generations.

Key considerations for Street Tree Planting in Wellington

Climate change

AdaptNSW, research funded by the NSW government, provides an overview of predicted climatic changes to 2050 and to 2070 in the Central West and Orana Region of NSW (Image 1). The results show that heatwaves, bushfires, and average temperatures will all increase in the near and far future. The number of cold nights and average rainfall in Spring and Summer will decrease. These will all impact the ability of urban trees to thrive and survive and may even exclude some species from being viable in the region. However, street trees are critically important for helping our urban areas adapt to climate change.

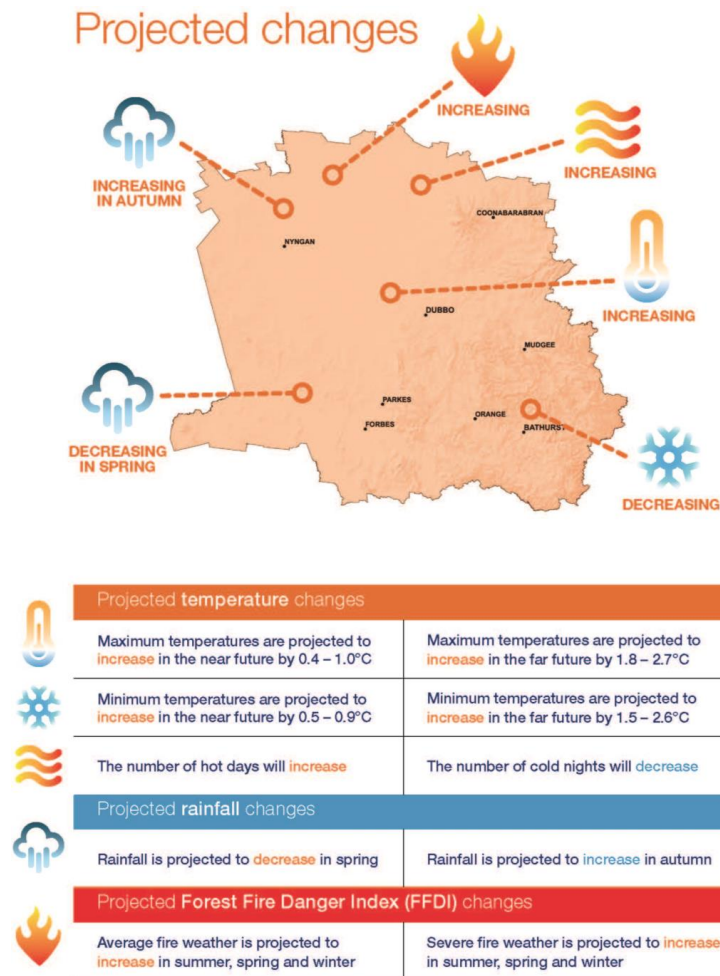


Image 1: Source: NSW Government, 2015.

Community

Wellington is home to a community where around half the community are either 0-14 years old or are over 65 years old. There are low levels of immigrants, with the majority of residents being born in Australia and coming from Australian heritage. The unemployment rate is higher than the NSW average and the majority of people work in Community and Personal Services industry. The biggest employers are aged care and correctional services as well as food services (takeaway and supermarkets). Median household income is approximately half the NSW average. Wellington is also home to a large indigenous population.

The areas of social disadvantage are concentrated in the south and northwest of the township and correspondingly have low tree cover.

It is projected that Wellington's population will grow from 8,976 people to almost 9,976 by 2040 and that the population will continue ageing, meaning that aged care services will continue to be important for the township (Community Strategic Plan 2040).

It is also predicted that Wellington has the potential to become a more popular tourist destination due to its natural environment offerings including the Wellington Caves, Lake Burrendong and Mt Arthur.

It is therefore important that any street tree planting ensures that shade is targeted in areas of social disadvantage, around aged care facilities and ageing populations but also along main thoroughfares and within the centre of town to improve overall amenity.

Species Selection

Selecting species for planting in Wellington will take into account both their required form and function to ensure the right tree is planted in the right location. Council will discontinue planting ash tree species and will actively seek to renew and replace these trees with more appropriate species for each location. Shade and aesthetics will also be key functions required from upcoming street trees and species will be chosen accordingly.

This Masterplan will also identify which species will be replanted in each of the priority locations. Species selection will consider the following:

- The continuation of existing avenues where appropriate or the creation of new ones
- Species are selected for their ability to thrive under climate predicted scenarios
- Maintaining the exotic, deciduous theme of the township where appropriate
- Enhancing pockets of biodiverse areas with the selection of native and endemic species

Wellingtons' Trees

Tree Canopy Cover

Wellington and Montefiores are covered by 12% and 17% tree canopy cover respectively.

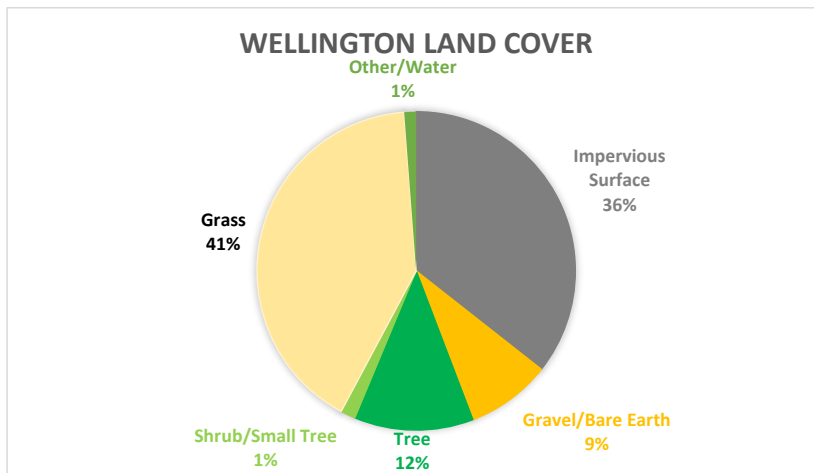


Image 2: Land cover by type for the township of Wellington.

Wellington has 36% impervious surface cover such as concrete, asphalt, paving and buildings. 41% grass cover, 1% shrub cover and 12% tree cover mean that Wellington has over 50% green cover.

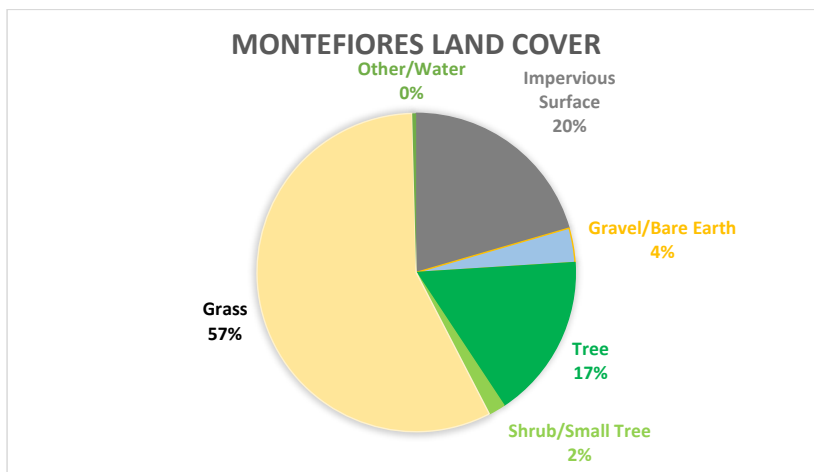


Image 3: Land cover by type for the township of Montefiores

Montefiores on the other hand, which is less developed has a much higher green cover at 76% with tree canopy cover at 17% and grass cover at 57%. It also has less hard surface cover.

Street Trees

Wellington is home to approximately 3,087 street trees. This figure also includes trees in Cameron Park.

Cameron Park has been included in this plan due to its close connection to Wellington's CBD and general streetscape.

Top 10 Tree Species

Table 1: the most commonly occurring species in Wellington's streets.

Scientific Name	Common name	Number	% of population
<i>Fraxinus raywood</i>	Claret Ash	575	18.6%
<i>Callistemon viminalis</i> cv	Weeping bottlebrush	258	7.4%
<i>Brachychiton populneus</i>	Kurrajong	156	5.1%
<i>Grevillea robusta</i>	Silky Oak	124	4.0%
<i>Fraxinus oxycarpa</i>	Narrow leaved Ash	120	3.9%
<i>Pyrus calleryana</i> cv	Ornamental Pear	119	3.8%
<i>Celtis australis</i>	Nettle Tree	111	3.6%
<i>Fraxinus excelsior</i> Aurea	Golden Ash	82	2.7%
<i>Triadica sebifera</i>	Chinese Tallow	76	2.5%
<i>Eucalyptus camaldulensis</i>	Redgum	75	2.4%
<i>Callistemon salignus</i>	Willow bottlebrush	73	2.4%
<i>Acer buergerianum</i>	Trident Maple	55	1.8%
<i>Pistacia chinensis</i>	Chinese Pistachio	55	1.8%
<i>Platanus X acerifolia</i>	London Plane Tree	53	1.7%
<i>Melia azedarach</i>	White Cedar	51	1.7%
<i>Eucalyptus melliodora</i>	Yellow Box	48	1.6%
<i>Lagerstroemia indica</i>	Crepe Myrtle	42	1.4%
<i>Jacaranda mimosifolia</i>	Jacaranda	39	1.3%
<i>Corymbia torelliana</i>	Cadaghi	38	1.2%
<i>Melaleuca styphelioides</i>	Prickly Paperbark	38	1.2%

18.6% of all street trees in Wellington are Claret Ash, *Fraxinus raywood*. This is a very high representation of one species within the population and far exceeds the industry guidelines of no one species representing more than 5-10% of a population. Further to this, other *Fraxinus* species also dominate the street tree population. Cumulatively, the genus *Fraxinus*, or all Ash trees, represent 28% or greater than one quarter of Wellington's entire street tree population.

This indicates a significant lack of diversity within the tree population.

The top ten species alone make up 54% or more than half of the population, further indicating that only a few species dominate the urban landscape through stochastic events such as disease, insect infestation, or storms.

This lack of species diversity in Wellington increases the tree assets vulnerability and potential risk of landscape failure.

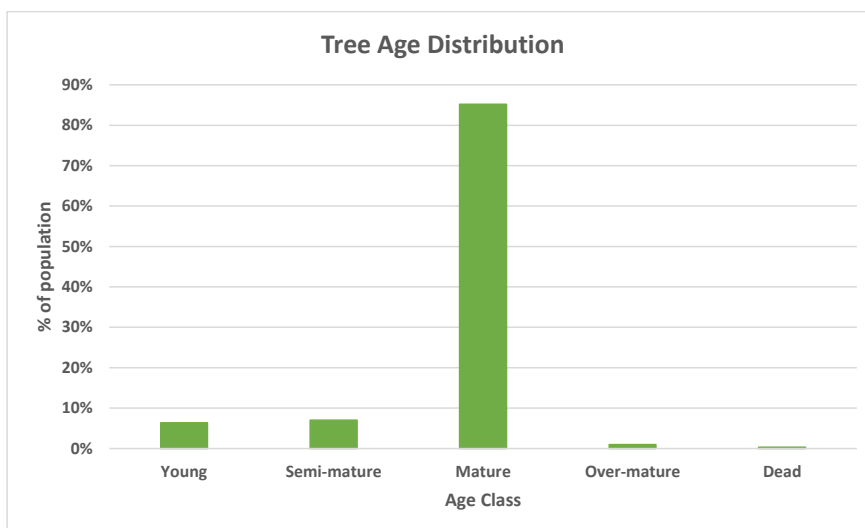
The map below shows the distribution of these *Fraxinus* species.



Image 4: Distribution of commonly planted Fraxinus (ash) trees

Image 4 shows how whole streets have been planted with one species, such as Claret Ash and are therefore vulnerable to landscape failure

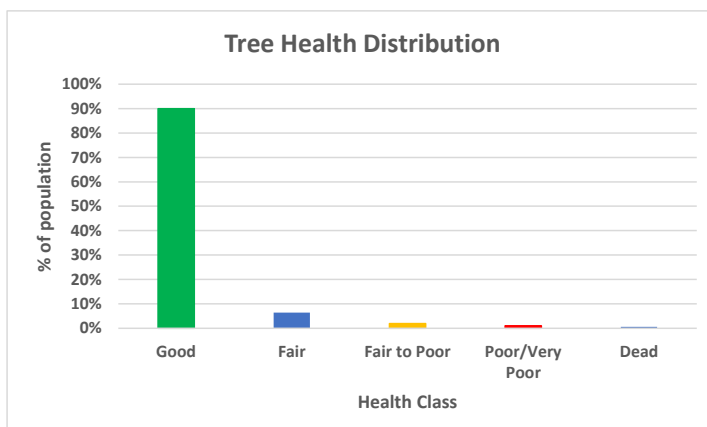
Tree Age



Graph 1: Distribution of age classes amongst Wellington's Street trees

Almost 85% of Wellington's trees are mature aged. This indicates a lack of age diversity within the tree population and reflects only the small number of trees planted over the last decade. An active street tree planting program to fill in vacant sites will improve the overall age diversity.

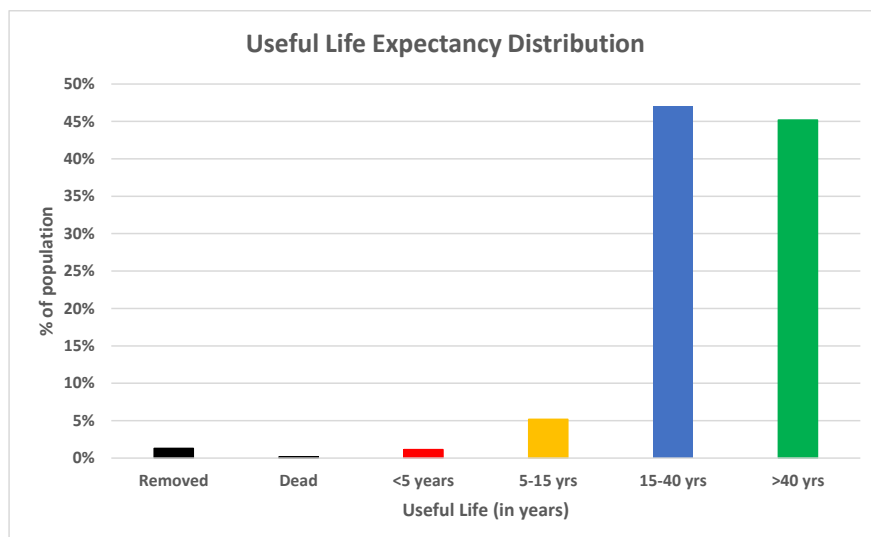
Tree Health



Graph 2: Distribution of tree health amongst Wellington's Street trees

Over 96% of street and park trees are in good to fair health which indicates a tree population in relatively good health. The 20 dead and 32 very poor and poor specimens will be targeted for tree removal and/or replacement.

Useful Life Expectancy

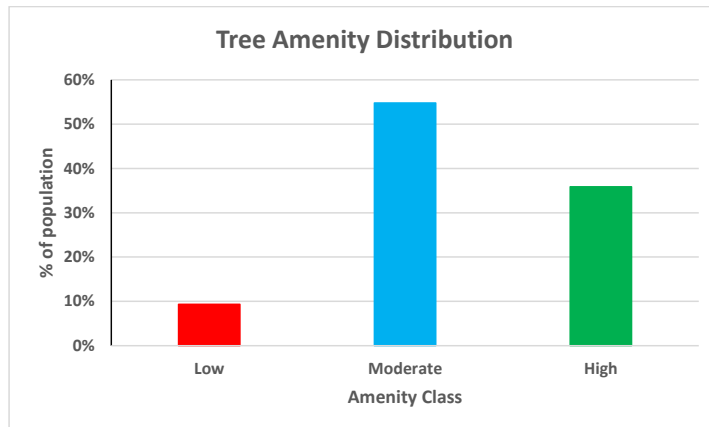


Graph 3: Distribution of useful life expectancy amongst Wellington's Street trees

Wellington's trees have a good spread of useful life expectancies. 7.8% of trees are likely to reach end of life within a 15-year period. As these trees reach end of life and need to be removed, they will actively be replaced with a species appropriate for the location.

The most common species reaching end of life within 15 years is the Claret Ash, *Fraxinus raywood*. Site inspections of streets in Wellington show that many of the Claret Ash in some streets are not performing well and are likely to reach end of life within the next decade. This will mean some specimens will need to be removed and replaced with other species.

Amenity



Graph 4: Distribution of tree amenity class amongst Wellington's Street trees

90.7% of Wellington's trees are of moderate or high amenity. Ideally, more trees would be in the high category which can be improved by investment in cyclic maintenance and pruning program for all street trees.

Vacant Sites

A desktop study using aerial imagery has shown that there are potentially almost 1,100 vacant street tree sites across Wellington. These have been validated by an on-ground survey of each site, however there may be instances when underground services or future land use change may result in some of these vacant sites becoming obsolete.

This shows significant potential to increase the street tree population in Wellington, especially in the lower socio-economic areas of the north-east and south-east areas.



Image 5: Distribution of vacant street tree sites across Wellington

Street Tree Prioritisation

A priority-based planting plan has been established for Wellington which identifies the streets that are a priority for street tree planting and investment.

The criteria for determining streets as a planting priority include:

Criteria	Qualification for inclusion as priority
Road Hierarchy	Street is a major Arterial
	Street is a connector Road
ULE	Street contains 5 or more trees with ULE less than 15 years
	Street contains 1-5 trees with ULE less than 15 years
Vacant Sites	Street contains more than 10 vacant sites
	Street contains 5-10 vacant sites
Retail/Shopping strip	Street contains shopping strip
School, Community facility	Street contains school or community facility
Park/open space	Street contains park or open space
Gateway Road	Street is a gateway entry into town
Socio Economic disadvantage	Street contains social housing
EM Priority	Street has been identified by Elected Members as a priority
Equity of priority	Scores were then redistributed to ensure equity of tree planting delivery across the township

Table 1: Criteria for determining streets in Wellington as a priority for tree planting

Tree Canopy Targets

Council will aim to increase tree canopy cover over both Wellington and Montefiores from 12% and 17% respectively to 30% by 2050. We will achieve this through maintaining our existing tree population and filling the vacant sites through delivery of our Street Tree Masterplan.

Wellington Street Tree Masterplan

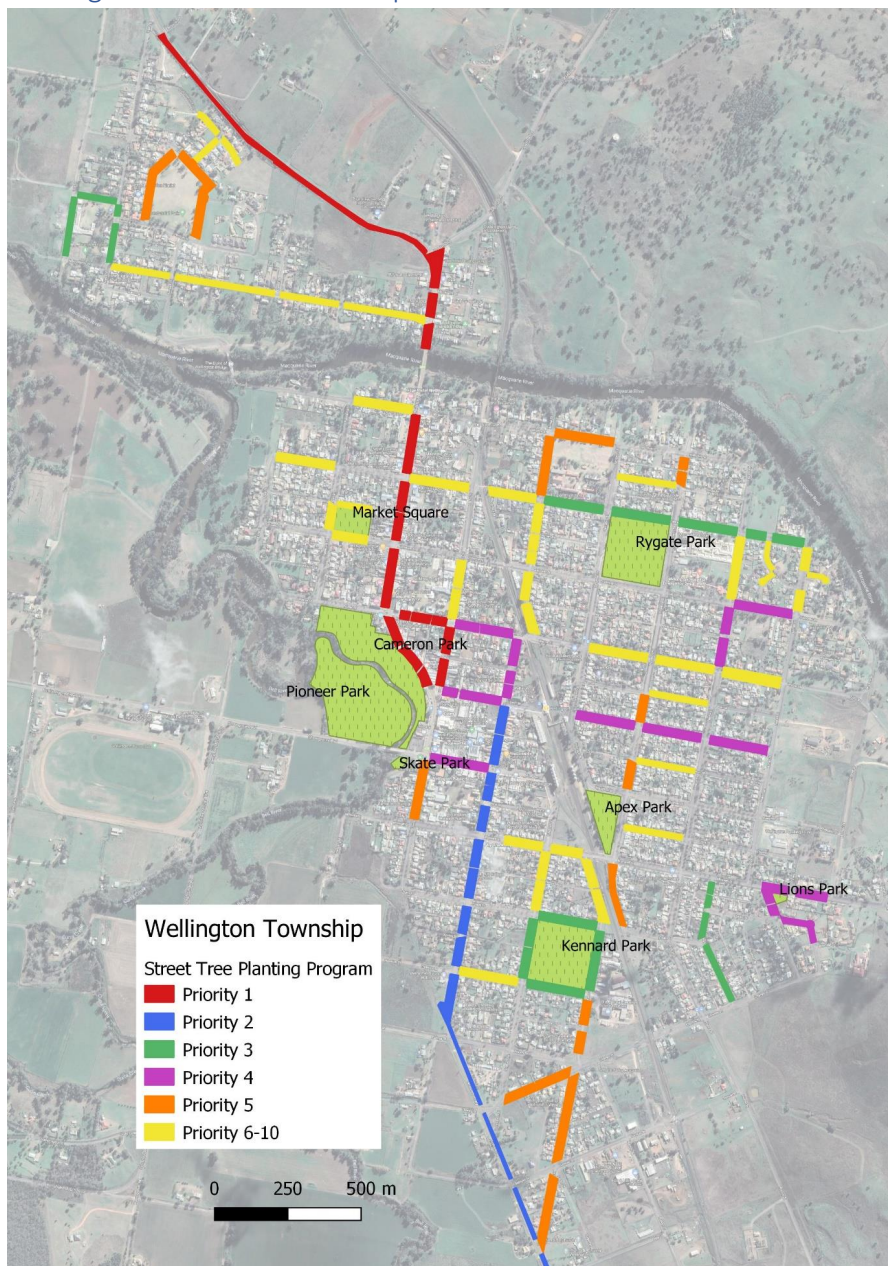


Image 6: Priority streets for street tree planting in Wellington

Road Name	Vacant Sites	Dominant Species
PRIORITY 1		
WARNE ST	18	Fraxinus raywood
PERCY ST	18	Pyrus calleryana
LEE ST	34	Fraxinus excelsior
NANIMA CR	19	Fraxinus excel
MITCHELL HWY (NTH)	38	Mixed
Total Plantings	127	
PRIORITY 2		
ARTHUR ST	46	Fraxinus raywood
CURTIS ST	33	Mixed
Total Plantings	79	
PRIORITY 3		
PARKES ST	28	Callistemon/Brachychiton
WHITELEY ST	46	Fraxinus raywood
GIPPS ST	11	Callistemon
LAY ST	9	Fraxinus raywood
TAYLOR ST	6	Callistemon vim
SIMPSON ST	12	Fraxinus excelsior
ZOUCH ST	4	Acer beur
HAWKINS ST	6	Grevillea robusta
THORNTON ST	15	Mixed
Total Plantings	137	
PRIORITY 4		
PIERCE ST	8	Mixed
SWIFT ST	42	Acer, Grevillea, Callistemon
WARNE ST	19	Phoenix canariensis
MAUGHAN ST	8	Fraxinus excel
ARTHUR ST	12	Fraxinus, Pyrus
GISBORNE ST	6	Fraxinus raywood
WILLIAM ST	4	Brachychiton
MAXWELL ST	11	Mixed
BANGALLA CR	6	N/A
Total Plantings	116	
PRIORITY 5		
CHARLES ST	22	Pittosporum
EUCALYPTUS DR	27	Eucalyptus scoparia
THORNTON ST	38	Mixed
MITCHELL HWY	28	N/A
ARTHUR ST	12	Red Ironbark
GOBOLION ST	8	Grevillea rob, Fraxinus
RAILWAY AVE	3	Callistemon
Total Plantings	138	
Total Priority 1-5 Plantings	597	

Road Name	Vacant Sites	Dominant Species
Priority 6-10		
ARTHUR ST	19	Mixed
CASUARINA CL	4	Mixed
CLIVE ST	8	Hibiscus
CROSS ST	12	Pistachio
GISBORNE ST	11	N/A
GOBOLION ST	11	N/A
HAWKINS ST	5	Grevillea robusta
JEAN ST	11	Bottlebrush
MARSH ST	4	Triadica
MAXWELL ST	9	Fraxinus raywood
MELALEUCA DR	12	N/A
MONTEFIORES ST	24	Callistemon
PARINGA PL	4	N/A
PERCY ST	9	Mixed
PIERCE ST	4	Fraxinus raywood
QUIRK ST	7	Corymbia maculata
RAYMOND ST	5	Fraxinus raywood
REID ST	12	Mixed
SHORT ST	9	Mixed
SIMPSON ST	6	Fraxinus raywood
SOLDIERS LANE	2	Triadica
WALKER CR	1	Prunus cerasifera
WARNE ST	7	Fraxinus raywood
WHITELEY ST	13	Platanus x acerifolia
Total Plantings	209	

References

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Appendix A - Species Schedule

Priority	Street	Precinct	Species 1	Species 2	Species 3	Replacement Species 1	Replacement Species 2	Replacement Species 3
1	Lee St	Highway	Fraxinus excelsior Aurea (19)			Acer freemanii "armstrong"		
1	Nanima Cr	Highway	Fraxinus excelsior Aurea	Acer freemanii "armstrong"		Acer freemanii "armstrong"		
1	Percy St	North Wellington / CBD / South Wellington	Brachychiton populneus (1)			Fraxinus griffithii	Tristaniopsis laurina "Luscious"	Lagerstroemia indica x L. fauriei "Tuscarora"
1	Warne St	CBD / North Wellington	Fraxinus Raywood (21)	Pyrus calleniana cv (14)	Phoenix canariensis (6)	Acer freemanii "armstrong"	Phoenix canariensis	
2	Arthur St	South Wellington				Eucalyptus tricarpa (west)	Eucalyptus leucoxylon "Magnet"	
2	Arthur St	South Wellington				Fraxinus pennsylvanica "Aerial"	Tristaniopsis laurina "Luscious"	
2	Curtis St	South Wellington	Populus nigra italica (16)	Eucalyptus melliodora (15)	Fraxinus Raywood (13)	Melia azedarach "Elite"	Brachychiton populneus x acerifolius "Jerilderie Red"	
3	Gipps St	Montefiores	Triadica sebifera (23)	Fraxinus Raywood (16)	Callistemon viminalis cv (10)	Liquidambar styraciflua (entrance - no power lines)	Tricadia sebifera (east)	Lagerstroemia indica x L. fauriei "Biloxi" (west)
3	Hawkins St	South Wellington	Grevillea robusta (13)	Fraxinus Raywood (7)	Brachychiton populneus (2)	Grevillea robusta	Lophostomen confertus	
3	Lay St	Montefiores	Fraxinus Raywood (16)	Fraxinus excelsior Aurea (3)	Gleditsia triacanthos (2)	Fraxinus pennsylvanica "Urbanite"	Melealeuca quinquenervia	
3	Parkes St	South Wellington	Callistemon salignus (4)	Brachychiton populneus (2)	Melealeuca styphelioides (2)	Backhousia citriodora	Atalaya hemiglauc	Lagerstroemia indica x L. fauriei "Tuscarora"

Priority	Street	Precinct	Species 1	Species 2	Species 3	Replacement Species 1	Replacement Species 2	Replacement Species 3
3	Simpson St	South Wellington	Fraxinus Raywood (26)	Grevillea robusta (24)	Acer buergerianum (8)	Pistacia chinensis	Melaleuca styphelioides	
3	Simpson St	South Wellington	Fraxinus Raywood (26)	Grevillea robusta (24)	Acer buergerianum (8)	Melia azederach "Elite"	Pistacia chinensis	
3	Thornton St	North Wellington / South Wellington	Fraxinus Raywood (26)	Pyrus calleryana cv (13)	Brachychiton populneus (4)	Tricadia sebifera	Pyrus calleryana	Eucalyptus sideroxylon and Eucalyptus sideroxylon adjacent to Apex Park
3	Whiteley St	North Wellington	Platanus X acerifolia (30)	Fraxinus Raywood (23)	Eucalyptus tricarpa (8)	Fraxinus pennsylvanica "Aerial"	Brachychiton populneus x acerifolius "Jerilderie Red"	
3	Whiteley St	North Wellington				Platanus x hybrida		
3	Zouch St	South Wellington	Fraxinus sp. (22)	Pistacia chinensis (6)	Fraxinus oxycarpa (5)	Pistacia chinensis	Acer campestre Var "Elsrijk or Evelyn"	
4	Arthur St	South Wellington	Fraxinus Raywood (41)	Fraxinus sp. (9)	Callistemon sp. (7)	Fraxinus griffithii		
4	Bangalla Cr	South Wellington	Acacia baileyana (1)	Melaleuca armillaris (1)		Acacia vestita	Acacia salicina	jacaranda mimosifolia
4	Gisborne St (east)	North Wellington	Fraxinus Raywood (31)	Jacaranda mimosifolia (23)	Brachychiton populneus (15)	Jacaranda	Melia azedarch "Elite"	
4	Maughan St	South Wellington	Ulmus parvifolia (19)	Celtis australis (16)	Fraxinus excelsior Aurea (11)	Celtis occidentalis (north)	Fraxinus pennsylvanica "Aerial" (south)	
4	Maughan St	CBD	Fraxinus excelsior Aurea			Acer freemanii "armstrong"		
4	Maxwell St	South Wellington	Fraxinus Raywood (48)	Melaleuca styphelioides (13)	Brachychiton populneus (6)	Melaleuca styphelioides	Agonis flexuosa	

Priority	Street	Precinct	Species 1	Species 2	Species 3	Replacement Species 1	Replacement Species 2	Replacement Species 3
4	Pierce St	North Wellington / South Wellington	Celtis australis (20)	Fraxinus oxycarpa		Melaleuca styphelioides	Fraxinus pennsylvanica "Aerial"	
4	Pierce St	North Wellington / South Wellington	Celtis australis (20)	Acer buergerianum (13)	Fraxinus Raywood (10)	Melia azederach "Elite"		
4	Swift St	CBD	Fraxinus oxycarpa (12)	Acer saccharum (7)	Brachychiton populneus (3)	Acer freemanii "armstrong"		
4	Swift St	CBD	Fraxinus oxycarpa (11)	Acer saccharum (7)	Brachychiton populneus (3)	Melaleuca linarifolia	Callistemon "Harkness"	
4	William St	South Wellington	Fraxinus Raywood (8)	Fraxinus oxycarpa (7)	Fraxinus griffithii (3)	Pittosporum augustifolia	Acacia salicina	Kunzea ericifolia
5	Charles St	South Wellington	Fraxinus oxycarpa (9)	Fraxinus Raywood (8)	Pittosporum sp. (5)	Pittosporum augustifolia	Tristanopsis laurina "Luscious"	
5	Eucalyptus Dr	Montefiores	Pittosporum angustifolium (4)	Gleditsia triacanthos (3)	Prunus calleniana (2)	Pittosporum augustifolia	Eucalyptus scoparia (oval)	
5	Gobolion St	North Wellington	Fraxinus Raywood (63)	Melia azedarach (7)	Brachychiton populneus (4)	Fraxinus pennsylvanica "Aerial"	Brachychiton populneus x acerifolius "Jerilderie Red"	Grevillea robusta (Rygate Park)
5	Railway Ave	South Wellington	Callistemon viminalis cv (8)	Callistemon Kings Park Special (2)	Pistacia chinensis (1)	Callistemon viminalis	Pistacia chinensis	Tristanopsis laurina "Luscious"
6 to 10	Casuarina Cl	Montefiores	Eucalyptus sp (1)	Tricadia sebifera (1)		Tristanopsis laurina "Luscious"	Pyrus calleryana "Chanticleer"	Lagerstroemia indica x L. fauriei "Tuscarora"
6 to 10	Clive St	South Wellington	Celtis australis (15)	Acer buergerianum (4)	Callistemon salignus (3)	Celtis occidentalis (north)	Fraxinus pennsylvanica "Aerial" (south)	
6 to 10	Cross St	South Wellington	Pistacia chinensis (1)	Callistemon Kings Park Special (1)	Eucalyptus nicholii (1)	Melia azederach "Elite"	Callistemon viminalis	Pistacia chinensis
6 to 10	Gisborne St (west)	North Wellington				Pyrus calleryana (centre)	Liquidambar styraciflua	
6 to 10	Gobolion St	North Wellington				Pyrus calleryana	Acacia salicina	

Priority	Street	Precinct	Species 1	Species 2	Species 3	Replacement Species 1	Replacement Species 2	Replacement Species 3
6 to 10	Jean St	North Wellington	Callistemon viminalis (9)	Triadica sebifera (5)	Pistacia chinensis (2)	Callistemon "Harkness"	Pistachia chinensis	
6 to 10	Marsh St	North Wellington	Triadica sebifera (23)	Callistemon viminalis (23)	Celtis australis (10)	Tricadia sebifera	Melaleuca linarifolia	Callistemon "Harkness"
6 to 10	Melaluca Dr	Montefiores	Melaleuca styphelioides (2)	Eucalytus sp (1)		Melaleuca styphelioides		
6 to 10	Montefiores St	Montefiores	Callistemon viminalis cv (58)	Eucalyptus scoparia (8)	Eucalyptus spp (41)	Callistemon "Harkness"		
6 to 10	Paringa Place	North Wellington				Callistemon "Harkness"	Lagerstroemia indica x L. fauriei "Biloxi"	
6 to 10	Quirk St	North Wellington	Corymbia maculata (3)			Eucalyptus tricarpa (west)	Eucalyptus leucoxylon "Magnet"	
6 to 10	Raymond St	North Wellington	Fraxinus Raywood (19)	Brachychiton populneus (7)	Triadica sebifera (2)	Melaleuca styphelioides	Fraxinus pennsylvanica "Aerial"	
6 to 10	Reid St	North Wellington	Callistemon viminalis cv (2)	Fraxinus griffithii (3)	Triadica sebifera (1)	Callistemon "Harkness"	Agonis flexuosa	
6 to 10	Short St	North Wellington	Celtis australis (14)	Callistemon salignus (3)	Fraxinus griffithii (1)	Thompson to Pierce - Callistemon "Harkness"	Pierce to Marsh - Celtis occidentalis (north)	Pierce to Marsh - Fraxinus pennsylvanica "Aerial"
6 to 10	Soldiers lane	CBD				Tricadia sebifera		
6 to 10	Walker Cr	North Wellington	Prunus cerasifera nigra (12)	Triadica sebifera (3)	Callistemon viminalis cv (1)	Callistemon "Harkness"		
	Bank St	CBD	Fraxinus griffithii (9)	Callistemon viminalis (5)	Lagerstroemia indica (1)	Fraxinus griffithii	Callistemon "Harkness"	Lagerstroemia indica x L. fauriei "Biloxi"
	Barton Street	South Wellington				Callistemon viminalis		
	Belle St	South Wellington	Brachychiton populneus (16)	Eucalyptus melliodora (5)	Grevillea robusta (2)	Pittosporum augustifolia	Brachychiton populneus x acerifolius "Jerilderie Red"	

Priority	Street	Precinct	Species 1	Species 2	Species 3	Replacement Species 1	Replacement Species 2	Replacement Species 3
	Cousin Drive	South Wellington	Fraxinus Raywood (10)	Ulmus parvifolia (1)	Callistemon viminalis cv (1)	Backhousia citriodora	Atalaya hemiglauc	Callistemon viminalis
	Dibbs St	South Wellington	Fraxinus oxycarpa (8)	Lagerstroemia indica (1)		Fraxinus pennsylvanica "Aerial" (south)	Lagerstroemia indica x L. fauriei "Tuscarora"	
	Elizabeth St	South Wellington	Fraxinus oxycarpa (2)	Melia azedarach (1)	Eucalyptus mannifera (1)	Angophora melanoxylon	Agonis flexuosa	Melia azedarach "Elite"
	Falls Rd	North Wellington	Fraxinus Raywood (2)			Eucalyptus melliodora	Brachychiton populneus x acerifolius "Jerilderie Red"	
	Federal St	Montefiores				Callistemon "Harkness"	Acacia vestita	
	Ford St	North Wellington	Fraxinus Raywood (19)	Prunus cerasifera nigra (2)		Acer campestre "Elsijk"	Melealeuca styphelioides	Callistemon "Harkness"
	Gisbourne Lane	North Wellington				Tricadia sebifera		
	Glasson St	South Wellington	Callistemon viminalis cv (2)	Callistemon salignus (1)	Ligustrum sp. (1)	Callistemon viminalis	Melaleuca linarifolia	
	Goolma Rd	Montefiores				Corymbia citriodora	Brachychiton populneum	
	Grevillea Pl	Montefiores	Pyrus calleniana cv (1)			Pittosporum augustifolia	Acacia salicina	Lagerstroemia indica x L. fauriei "Tuscarora"
	Herbert St	Montefiores	Viburnum tinus (1)			River Red Gum (south)	Acer freemanii "armstrong"	Tristaniopsis laurina "Luscious"
	Kennard St	South Wellington	Triadica sebifera (2)	Eucalyptus sideroxylon (1)	Fraxinus Raywood (1)	Eucalyptus tricarpa		
	King St	Montefiores				Pittosporum augustifolia	Acacia salicina	Lagerstroemia indica x L. fauriei "Tuscarora"
	Little Arthur St	North Wellington	Liquidambar styraciflua (1)	Fraxinus excelsior (1)	Salix matsudana (1)	Callistemon salignus	Agonis flexuosa	

Priority	Street	Precinct	Species 1	Species 2	Species 3	Replacement Species 1	Replacement Species 2	Replacement Species 3
	Macquarie St	Montefiores	Callistemon viminalis (2)			Callistemon "Harkness"		
	McLeod St	North Wellington	Celtis occidentalis (1)	Celtis occidentalis (1)	Melaleuca linariifolia (1)	Eucalyptus sideroxylon	Corymbia torelliana	
	Nicolli St	Montefiores	Pittosporum angustifolium (10)	Ulmus glabra lutescens (2)		Pittosporum angustifolia	Lagerstroemia indica x L. fauriei "Tuscarora"	Tristaniopsis laurina "Luscious"
	Palmer St	South Wellington	Fraxinus oxycarpa (4)	Corymbia torelliana (1)	Eucalyptus albens (1)	Grevillea robusta	Jacaranda mimosifolia	Corymbia torelliana
	Queen St	Montefiores	Acer negundo (5)	Hibiscus sp. (4)	Callistemon viminalis cv (4)	Acacia salicina	Fraxinus griffithii	Eucalyptus leucoxydon "Magnet"
	Riverview Avenue	North Wellington				Lagerstroemia indica x L. fauriei "Tuscarora"	Tristaniopsis laurina "Luscious"	
	Samuel St	South Wellington	Callistemon citrinus (2)	Callistemon viminalis cv (2)	Melia azedarach (2)	Melaleuca linariifolia	Callistemon "Harkness"	
	Simpson lane	South Wellington	Pistacia chinensis (3)	Nerium oleander (1)	Lagerstroemia indica (1)	no street trees proposed		
	Sutton St	Montefiores	Eucalyptus camaldulensis (1)	Grevillea robusta (1)	Acacia baileyana (1)	Pittosporum angustifolia	Acacia salicina	
	Tollemache Street	Montefiores				Tristaniopsis laurina "Luscious"		
	Tristania St	Montefiores	Tristaniopsis laurina (6)	Fraxinus Raywood (1)		Tristaniopsis laurina "Luscious"	Pyrus calleryana "Chanticleer"	Lagerstroemia indica x L. fauriei "Tuscarora"
	University Rd	South Wellington	Pyrus calleryana cv (1)			Pyrus calleryana		
	Warrawee Pl	South Wellington				Fraxinus griffithii	Tristaniopsis laurina "Luscious"	Melaleuca linariifolia
	Warruga Pl	South Wellington	Cupressocyparis leylandii (2)			Pittosporum angustifolia	Lagerstroemia indica x L. fauriei "Biloxi"	Kunzea ericifolia

*Alternate species may be considered with consultation with the community, and dependant on availability of stock.

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CCL22/323 Draft Macquarie River Masterplan (North and South Precincts)**Attachment 1:** Public Open Space within the City of Dubbo by Classification..97**Attachment 2:** 2187 Draft Macquarie River Masterplan North and South Precinct Moir Part A 102**Attachment 3:** 2187 Draft Macquarie River Masterplan North and South Precinct Moir Part B 155**Attachment 4:** 220831 Survey - Macquarie River Masterplan193**Attachment 5:** Open Space and Recreation Provision in Dubbo Appendix A .222

Public Open Space within the City of Dubbo by Classification

Sporting facility	Area (m2)	Category	Ha
Apex Oval	48,731	Regional	
Barden Park	40,789	Regional	
Dubbo Regional Cycling Facility	31,000	Regional	
Victoria Park Oval 1	28,421	Regional	
Victoria Park Oval 2	23,998	Regional	
Victoria Park Oval 3	10,351	Regional	
TOTAL REGIONAL	183,290		18.33
Bicentennial	31,400	District	
Bob Dowling Fields	41,100	District	
Dubbo Regional Cycling Facility	75,200	Regional	
East Dubbo Sporting Complex	32,440	District	
Hans Clavens Oval	22,789	District	
John McGrath Fields	37,000	District	
Jubilee Oval	48,820	District	
Katrina Gibbs Oval	25,000	District	
Lady Cutler East	60,080	District	
Lady Cutler Ovals	84,800	District	
Lady Cutler South	47,000	District	
Nita McGrath Netball Courts	6,040	District	
Pioneer Park	74,700	District	
Riverside Ovals	67,000	District	
South Dubbo Oval	28,773	District	
TOTAL DISTRICT	682,142		68.21
Dubbo Regional Cycling Facility	149,000	Local	
TOTAL LOCAL	149,000		14.90
			101.44

Public Park	Area (m2)	Category	Ha
Elizabeth Park	101,500	Regional	
Victoria Park	115,700	Regional	
TOTAL REGIONAL	217,200		21.72
Delroy North	7,030	District	
Delroy North	12,200	District	
Delroy Park	15,000	District	
Delroy South	59,672	District	
Elston Park	40,470	District	
Lions West Park	11,952	District	

Macquarie Lions Park	8,194	District	
Sir Roden Cutler Park	50,010	District	
Southlakes	99,900	District	
Wahroonga Park	12,058	District	
TOTAL DISTRICT	316,486		31.65
Algona Park	4,915	Local	
Apex Park	13,992	Local	
Arboretum	20,200	Local	
Bennetts Park	7,327	Local	
Biddybungie Park	55,570	Local	
Bob Jane Park	1,250	Local	
Bob Montgomery Park	1,392	Local	
Brian Dickens Park	24,755	Local	
Buckingham Buffer Zone	13,410	Local	
Buckingham Drive Park	16,150	Local	
Carisbrook Park	2,965	Local	
Cathead Corner	2,831	Local	
Churchill Pathways	14,632	Local	
Cobra Wheelers Buffer	2,734	Local	
Cormorant Crescent Park	795	Local	
Daphne Park	5,586	Local	
Delroy Buffer	3,839	Local	
Delroy South	3,679	Local	
Delroy South	1883	Local	
Delroy South	27,474	Local	
Douglas Mawson Leash Free	25,790	Local	
Drift Wells Park	1,632	Local	
Essex Park	2,268	Local	
Fergusons Corner	2,540	Local	
Forrest Crescent Park	333	Local	
Hopkins Parade Park	7,680	Local	
Jack William Park	3,864	Local	
Jubilee Park	1,250	Local	
Kurrajong East Park	2,317	Local	
Lions Park	1,284	Local	
Lunar Park	20,220	Local	
Manera Heights Park	9,780	Local	
Margaret Crescent Buffer	85,111	Local	
Michael Duffy Park	3,864	Local	
Muller Park	4,750	Local	
Ollie Robbins Park		Local	
Perignon Buffer	2,449	Local	
Powter Park	15,290	Local	

Red Hill Park	13,043	Local	
Royal Parade Park	5,527	Local	
Sapphire Street Park	191	Local	
Sommerlea Park	3,650	Local	
South Dubbo Park	75,052	Local	
Sovereign/Birch Park	2,633	Local	
Spears Park	14,207	Local	
Tarlow Park	905	Local	
Theresa Maliphant Park	16,512	Local	
Tidy Towns Park	5,119	Local	
Turnberry Park	6,420	Local	
Wambool Park	28,400	Local	
Wheeler Lane Buffer	2,652	Local	
Wiradjuri Park		Local	
Yarrowonga Park	11,766	Local	
York Street Park	11,532	Local	
TOTAL LOCAL	613,410		61.34
Alcheringa Park	2,193	General Infrastructure	
Alexander Bell Memorial Park	44,979	General Infrastructure	
Ballymore Park	20,454	General Infrastructure	
Birch/Bedford Walkway	817	General Infrastructure	
Birch/Windsor Power Easement	28,858	General Infrastructure	
Blizzardville Park	9,124	General Infrastructure	
Bourke Hill Park	63,400	General Infrastructure	
Charmere Transmission Easement	6,819	General Infrastructure	
Chelmsford Buffer	6,220	General Infrastructure	
Colony / Lakelands Walkway	2,901	General Infrastructure	
Dietes Park	3,961	General Infrastructure	
Douglas Mawson Buffer	31,590	General Infrastructure	
Douglas/Sheraton Basin	42,970	General Infrastructure	
Fletcher Crescent Walkway	990	General Infrastructure	

Fletcher Crescent Park	29,400	General Infrastructure	
Gregory / Davidson Walkway	323	General Infrastructure	
Holmwood Basin	28,500	General Infrastructure	
Jack William Walkways	497	General Infrastructure	
Jannali Road Buffer	2,641	General Infrastructure	
John Glen Park	31,121	General Infrastructure	
Mountbatten Transmission Easement	125,970	General Infrastructure	
Orana Heights Easement	13,729	General Infrastructure	
Pegasus Park	1,240	General Infrastructure	
Potter Close Buffer	21,107	General Infrastructure	
Sheraton/Myall Basin	19,399	General Infrastructure	
Springfield Way Buffer	2,693	General Infrastructure	
Thompson Street Buffer	35,769	General Infrastructure	
Yulong Street Buffer	1,203	General Infrastructure	
Bell/Pine Knoll Walkways	5,567	General Infrastructure	
Erica Close Park	2,054	General Infrastructure	
Whylandra/Thompson Park	1,645	General Infrastructure	
Windsor Parade Park	14,125	General Infrastructure	
Windsor Parade Pocket Park	4,398	General Infrastructure	
York/Falconer Walkway	432	General Infrastructure	
TOTAL GENERAL	607,089		60.71
			175.42

Landcare Urban Reserve	Area (m2)	Category	Ha
Caroline Park	51,048	District	
Devils Hole	101,715	District	
Dundullimal Park	102,056	District	
Egret Park	39,692	District	
Nita McGrath Foreshores	21,397	District	
Regand Park	628,800	District	
Riverbank Park	93,844	District	
Sandy Beach	65,726	District	
Sunderlands Park	54,200	District	
Troy Gully	286,678	District	
Waterwise Park	3,420	District	
TOTAL DISTRICT	1,448,576		144.86
Golf Links Park	108,536	Local	
Joan Flint Park	44,500	Local	
L H Ford Bridge Park	11,003	Local	
Police Paddock	134,195	Local	
Sheraton Meadows Park	37,844	Local	
Thelma Pelosi	4,046	Local	
Triangle Brisbane/Bourke	45,400	Local	
Troy reserve	118,393	Local	
TOTAL LOCAL	503,917		50.39



Macquarie River North and South Precincts Master Plan

Draft Master Plan Report

Acknowledgement of Country

Moir Landscape Architecture and sala4D would like to acknowledge the traditional custodians of the lands and waters of Australia, most notably the Wiradjuri Nation, the traditional owners of the lands on which this project resides. We acknowledge their contribution to our community and their deep connection to the land. We pay our respects to Elders, past and present.



sala4D

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- 01 Introduction
- 02 Community Consultation
- 03 Context & Analysis
- 04 Master Plan - South Precinct
- 05 Master Plan - North Precinct

Appendix A

Open Space and Recreation Provision in Dubbo

Issue 01

Revision	Date	Author	Checked	Comment
01	11/11/22	AG	AL	Draft for review
02	25/11/22	AG	AL	Draft for review
03	30/11/22	AG	AL	For submission
04	12/12/22	AG	AL	For submission



01

Introduction



Project Overview

Moir LA and sala4D have been engaged by Dubbo Regional Council to prepare a Landscape Master Plan for Macquarie River's North and South Precincts.

The precincts consist of an important stretch of open space with vital ecological, cultural and environmental functions. The open space includes parkland, active recreation, riparian corridors, movement networks and bushland, drawing users from a wide catchment within the Dubbo Regional Council LGA.

The intent of this project is to:

- Strengthen connections along the river bank and to key destinations;
- Increase utilisation of the river corridor;
- Increase accessibility to the river;
- Harness key views and connections between the CBD and river;
- Incorporate planned development and strategic frameworks; and
- Improve the riparian vegetation/biodiversity values.

- Site boundary
- Future development boundary
- Train line
- Major road



The Plan

Purpose of the Master Plan

The Macquarie River North and South Precincts Master Plan (the Plan) will be the guiding plan for investment by Council in the River precincts to the North and South of the Central Business District River precinct. These are important community spaces now and into the future for the City of Dubbo and hold cultural, sporting, environmental and connectivity values.

The Plan will focus on work to be completed over the next 5 - 10 years, with a recommended review at 10 years, it is understood these assets have a long lifespan and impact upon the City, so the Plan must have a view to the next 100 years or beyond.

To ensure the Plan is sustainable and is a reflection of community aspirations, it will be a synthesis of existing planning documents, Council's management needs, community consultation and best practice design. The first step is to identify the Values of the community and, from that, determine what the Guiding Principles for Design will be. This provides rationale for design decisions that are anchored in the values of the Dubbo community.

Design Process

The Plan will be developed by Moir and sala4D, using the Values, Guiding Principles for Design, other design requirements and best practice urban design methods. The draft Plan will then be presented to the Community and Council for comment and placed on public exhibition.

The comments received over the course of the exhibition period will then be compiled and incorporated into a final Plan.



Photographs from Early Intervention Workshop for community consultation, 21 July 2022.

South Precinct

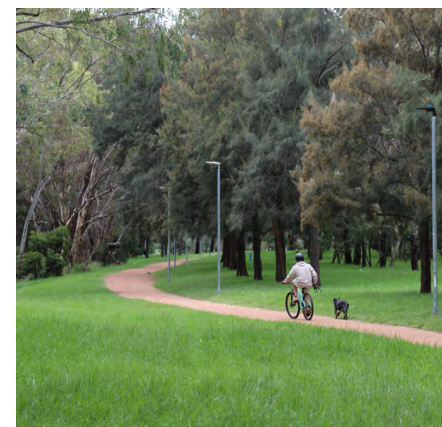
The Southern Precinct includes the eastern side of Macquarie River between Regand Park and the LH Ford Bridge and is generally bound by residential areas to the east. This precinct also extends to the western side of Macquarie River to include Sir Roden Cutler Park and open space between LH Ford Bridge and Serisier Bridge, including Biddymbungie Reserve and Lions Park West.



Site Photos - South Precinct







Macquarie River Master Plan - Draft Master Plan

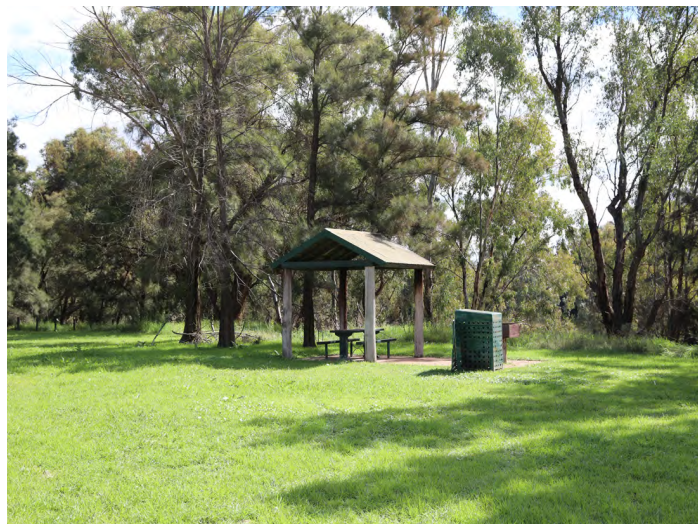
North Precinct

The Northern Precinct includes the eastern side of Macquarie River between Serisier Bridge and Devil's Hole and is generally bound to the east by Brisbane Street and residential areas. The Master Plan also considers the North-West Urban Release Area to the north west of the City's Central Business District.



Site Photos - North Precinct







02

Community
Consultation

Design Foundation

Community Consultation Process

Community consultation is the first step in the design process, used to elicit the values of the people that will use Dubbo's river precincts for years to come; these become the guiding principles for the design.

Dubbo Regional Council is particularly aware of the importance of community consultation in ensuring a project responds effectively to its unique community and, as a result, will have enduring acceptance and value for the region.

The sala4D and Moir team conducted community consultation events in Dubbo on Thursday 21st of July, 1st of September and 11th of October, 2022. They received follow-up emails and phone calls to make comment, all of which have been documented and considered for this summary.

The consultation is detailed in the following section, including the exercises used to understand the community at a deeper level. The information gathered through this process is critical in the development of the design as it gives the design team a background on which to develop a design that meets the needs of the community.



Photographs from Early Intervention Workshop for community consultation, 21 July 2022.

Community Design Values

1. Conceptual Values

To start the workshops sala4D uses a warm-up exercise to remind participants of the value of planning for the whole community and how most people have very similar needs. The answers to the three questions asked at each workshop are listed in the table on the following page.

The three questions were:

Write down a fond memory of where you grew up?

When do you feel part of your community?

If you could do one thing for your community, what would it be?

In their response to their questions about a fond childhood memory; workshop participants overwhelmingly mentioned outdoor activities, with particular reference to playing, swimming and fishing in rivers, within the setting of the Australian bush; we have summarised this as "Outdoor activities in a bush setting". Key value: public open space, and the natural environment.

Community participants also highly valued connection with their community through participating in sports and local events and as they interacted in public open space; we have summarised this as "Participation and interaction". The community felt included when they walked along the Macquarie River paths, enjoying the natural environment. This is important for showing the types of spaces that should be provided in the master plan. Key value: Interaction with others

Lastly, participants expressed a desire to see Dubbo maintain its public open space, restore the river environment and encourage events to come to Dubbo, including sporting events. We have summarised this as: **"Open space improvements, sporting events and river environment restoration". Key value: Long term viability**

2. Image Values

sala4D then moved to an image page exercise designed to uncover subconscious preferences, free from the burden of vocabulary. The image page exercise results are shown on the next few pages and revealed the following ideals from participants:

Activity

- Maintain & enhance sporting amenity
- Provide access to water
- Provide a hierarchy of path types throughout the parkland

Design & Aesthetic

- Enhance the riparian corridor
- Use natural materials
- Provide wetland environments

Amenity

- Provide basic park amenity
- Increase bushland area
- Provide better connections

3. Descriptive Word Values

The second dot exercise asked participants place three dots on each of two pages of words. One page was for Regand Park and one for the Police Paddock. The questions on each page were:

What is the most important future use of Regand Park?

What is the most important future use of the Police Paddock?

Responses for Regand Park were predominantly "Restoring Nature" and "Wilderness Close to City", the next most common selections were "Rugby Fields", "Sporting Infrastructure" and "Open to All", then "Bicycle Links" and "Lots of Paths".

Responses for the Police Paddock were mostly "Connection to River" and "Regenerating Native Vegetation", the next most common selections were "Playing Fields", "Car Parking", "First Nations Culture" and "Club Houses".

These answers are all consistent with other exercises but provide another level of detail specifically for Regand Park and for the Police Paddock. In particular 18 people indicated sporting infrastructure and fields were important for Regand Park, while this number was only 11 for the Police Paddock; this could be reflective of the codes of sport represented at the meetings but may indicate a strong desire to protect the native vegetation at the Police Paddock.

4. SWOT Analysis

The final exercise in each workshop was a site analysis SWOT exercise with the participants identifying strengths, weaknesses, opportunities and threats for the Macquarie River north and south precinct. These findings are included in the SWOT Analysis Plans.

The main results from the consultation SWOT analysis, combined with on-site analysis and comments from various stakeholders are:

- Opportunities for improving walkability from the CBD to the river, and linkages along and to the river should be enhanced and developed in the master plan and should consider the following:
 - Taronga Western Plain Zoo
 - Miriam Hill (south of the river)
 - Macquarie Street (through the residential areas and retirement homes)
 - From Serisier Bridge to Devil's Hole
 - North West land release
- "It's precious what we've got" and it's recognised by the community that it needs to be managed and restored
- There is a need for a cultural space on the river to integrate the cultural heritage of the Tubba-Gah and the broader Aboriginal community of the Dubbo area into Macquarie River north and south precinct
- There is opportunity to interpret the historic and cultural past through integrating interpretive signage and artwork throughout the parkland
- It was identified that West Dubbo is a growth area where there is a need for greater sport and park amenity to cater for the population increase
- Many of the sporting ovals and fields have parking constraints and traffic congestion, raising safety issues due to the conflict between vehicles and pedestrians. The Macquarie River does not alleviate this pressure as there are restricted access points
- Many of the sport facilities require expansion and upgrade which needs to be considered in the master plan
- The river is a dynamic element within the CBD and is constantly changing, as seen in the recent floods.

1. Conceptual Values

CONCEPTUAL VALUES

Fond memory of where you grew up?

- OUTDOOR ACTIVITIES IN A BUSH SETTING**
- Admiring the beautiful hills around me on the family farm
 - Spending countless hours with siblings in a creek area then called 'Black Flat'
 - Walking through paddocks & foraging for mushrooms
 - Fish & chips at Victoria Park
 - Summer swimming at the Macquarie River
 - Outdoors with family
 - Lots of open space and plenty of birds
 - Exploring the neighborhood and climbing trees
 - Playing barefooted in the bush and creek with my brother
 - Open space
 - Town pool
 - Baradine-Coonabarabran - open space, Warrumbungles - Pilliga Forest
 - Big loop, bike/walking track around local wetlands - dog friendly
 - Swing and playset with half court
 - Playing sport
 - Safe, playing with friends, sport, adventure
 - Mix of sports and friends
 - Living in the bush, nature, bush walking
 - Swimming in the Macquarie River
 - Going to sporting events at Riverbank as a child
 - Pool
 - Spending time at Brewarrina Weir after school with dogs in summer during sunset
 - Lazy days on the Lachlan River in summer - swimming, swinging on ropes, floating down on tubes
 - Playing safely at parks, pools etc
 - Boating, fishing, swimming in the river
 - Playing sport - hockey
 - Being around river systems
 - Outside on the farm with my grandfather
 - Playing in the bush as a kid
 - Roaming freely in the wilderness
 - On my dairy farm
 - Playing in parks for birthday parties
 - Playing football/cricket with my neighbours in our cul-de-sac

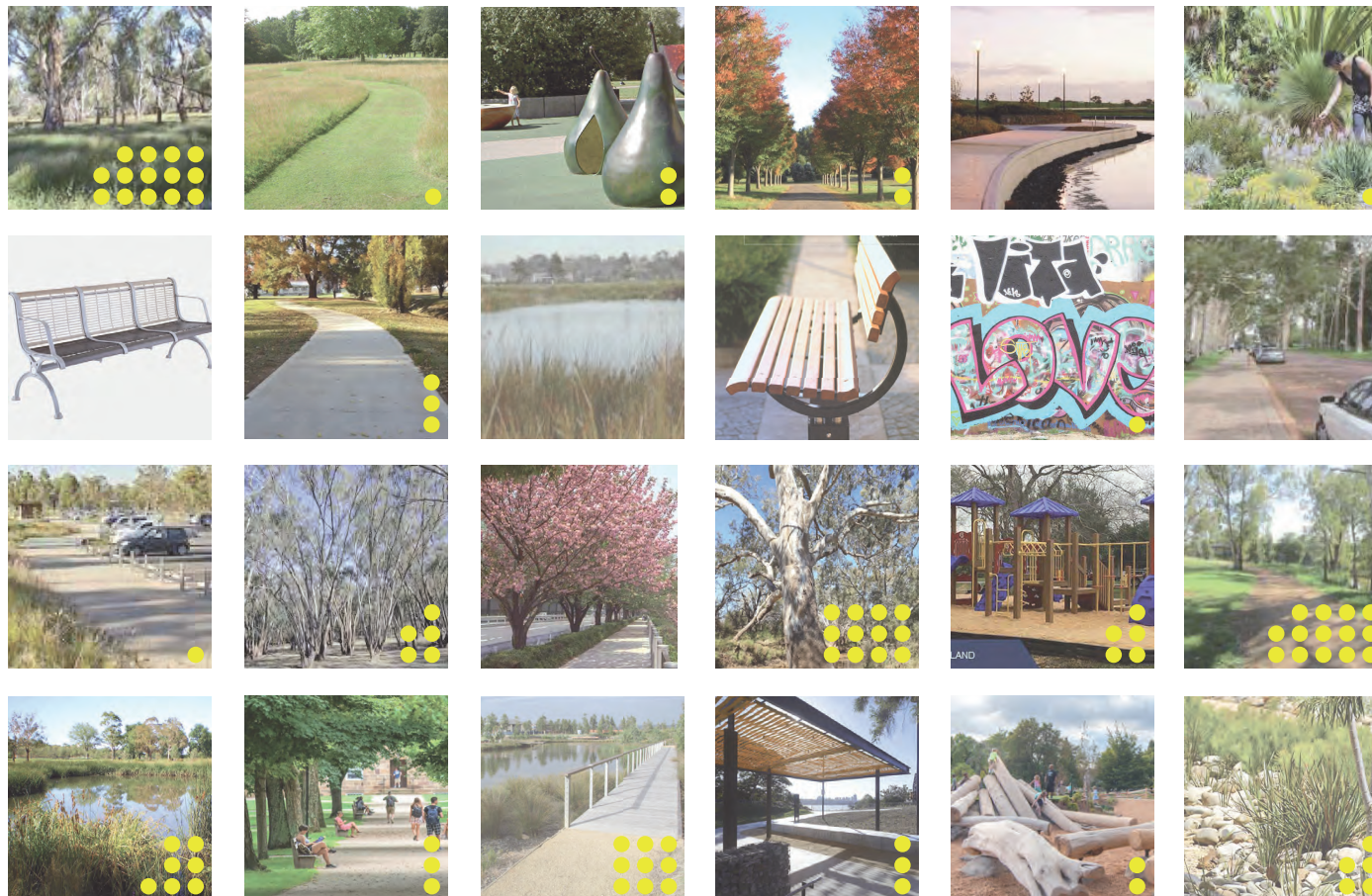
When do you feel part of your community?

- PARTICIPATION & INTERACTION**
- Engaged in an activity or event - a bush walk, mingling at a market, enjoying a concert or other cultural event
 - Always, but never more than when I walk on the Macquarie River with the birds and wonder of the River Red Gums
 - Walking along the river, visiting reserves and conservation areas
 - Assist in community work that makes Dubbo a better place to live
 - Playing sport or involved/ supporting in community events
 - Being with like-minded people
 - When I go out, know people, part of community groups
 - When helping out at various groups
 - Living in it
 - When councillors acknowledge my emails and DRC makes decisions reflecting community consultation
 - Engaging in social and sporting events, open spaces
 - Whilst doing community activities, sport, kayaking, dinners
 - When working with groups to provide an event or facility that will benefit the community going forward
 - When I become involved
 - Playing sport and community events, markets
 - When engaged in community events - sport, cultural
 - Sports
 - During sports/community events
 - When we work towards common goals
 - Being involved in organisations
 - Volunteering for Rivercare Group
 - When I am involved with sport and volunteering with sport and other activities
 - Sporting, social, being heard
 - When I'm involved in major events like the Dubbo Stampede
 - When we are gathered to look after local places e.g. planting trees together, picking up rubbish
 - When it is inclusive and welcoming, when it is diverse and respects all cultures
 - Playing sport
 - Playing sport, contributing to clubs
 - When I am at or involved in netball

If you could do one thing for your community, what would it be?

- OPEN SPACE IMPROVEMENTS & SPORTING EVENTS**
- Maintain open space around the Macquarie River
 - Assist in providing strategic direction for an appropriate tree preservation order
 - Bring greener spaces to areas of Dubbo that invite members to walk ride, play etc
 - Incorporate endemic plant species to the area
 - Actively make it better for future generations to enjoy
 - Strengthen community engagement via sporting clubs
 - Take everyone for a bush walk and teach them about their local environment
 - Leave it a better place for future generations
 - Protect it from development, especially bad development
 - Make Dubbo a great place and great sports facilities
 - Change the staff and councillors at DRC so that they are people who value the environment over business and development
 - Involve more participants in well managed and organised sporting activities
 - Help younger people become better adults
 - Fix stairs at Terramungamine Reserve
 - Involve more people, particularly women and teenagers in active recreation
 - Volunteer
 - Create more sporting fields, improve sporting facilities
 - Strong investment in environmental and green spaces
 - Leave a healthier environment for younger generation
 - Bring more events, sporting etc to town
 - Increase community awareness of the river environment and facilitate communal advocacy
 - Improve the hockey fields - provide a second turf
 - Slow/ stop pollution growth to favour or look after what little native habitat we have left
 - Stronger environmental values, actions and expenditure by Dubbo Council
 - Save our passive green spaces and environmental restoration of the riparian zone
 - Help restore riparian environment of Wambuil Macquarie River
 - Create a state of the art sports precinct

2. Image Values - Design & Aesthetic



sala4D
Macquarie River Masterplan North & South Precincts - Community Consultation

**Design and Aesthetic -
what it looks like**

The grid contains 24 images illustrating different park activities:

- Row 1: People fishing by a pond; a person walking a dog on a path at night; a group of people sitting on the grass; people riding bicycles on a dirt path; a person cheering while watching a game; a group of people playing a team sport.
- Row 2: A dog jumping through a red tire ring; people walking on a wooded path; children playing on a wooden play structure; a person taking a photo from a bridge; a person at a park kiosk; a close-up of a wicker basket.
- Row 3: People on a golf course; a person riding a horse; a person walking a dog; two people riding bicycles; a person looking at an informational sign; people planting a tree.
- Row 4: A person walking on a stone path; a person looking at a bird in a nest; people using a tall metal exercise structure; people walking on a paved path; a person fishing by a pond; people sitting at a picnic table.

Macquarie River Masterplan North & South Precincts - Community Consultation

Activity- what you can do

2. Image Values - Amenity



sala4D
Macquarie River Masterplan North & South Precincts - Community Consultation

**Amenity -
what it provides**

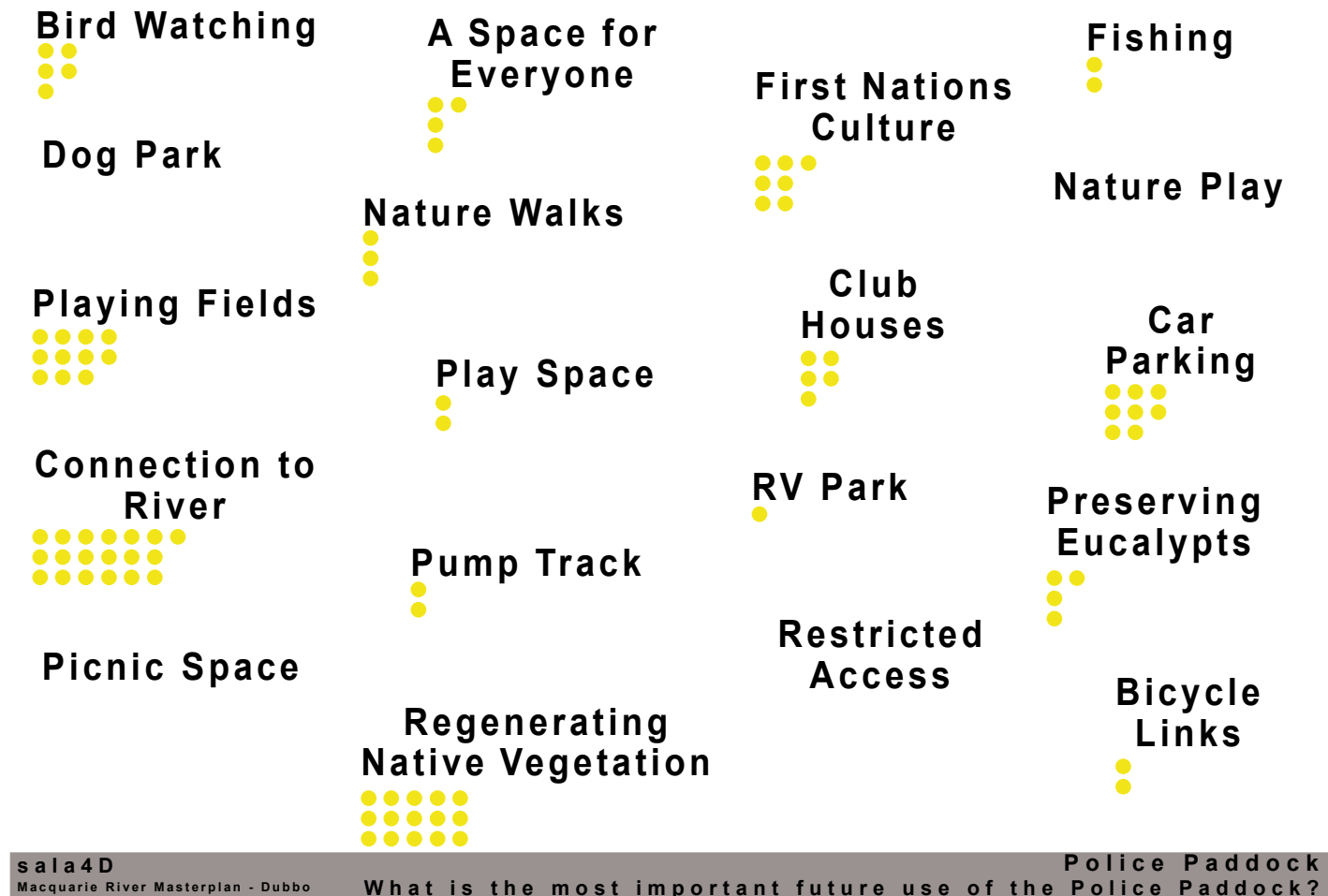
3. Descriptive Word Values - South Precinct



sala4D
Macquarie River Masterplan - Dubbo

Regand Park
What is the most important future use of Regand Park?

3. Descriptive Word Values - North Precinct



4. SWOT Analysis - South Precinct

FISHING SPOTS

- Caroline Reserve
- Regand Park
- Sandy Beach
- These steps provide important access for the Tri Club, Titan Macquarie Mud Run and fishing access for children

DRAGON BOAT/ KAYAKS

- Access between storage and Sandy Beach for racing along River

TRIATHLON STAIRS

- Opportunity to create triathlon stairs which utilises the topography

TAMWORTH BRIDGE

- A raised bridge that has changed the behaviour of the river
- Water scours less on the inside bend, but scours more on the outside bend
- Recent floods have resulted in the bank collapsing and trees being washed out

TREE PLANTING

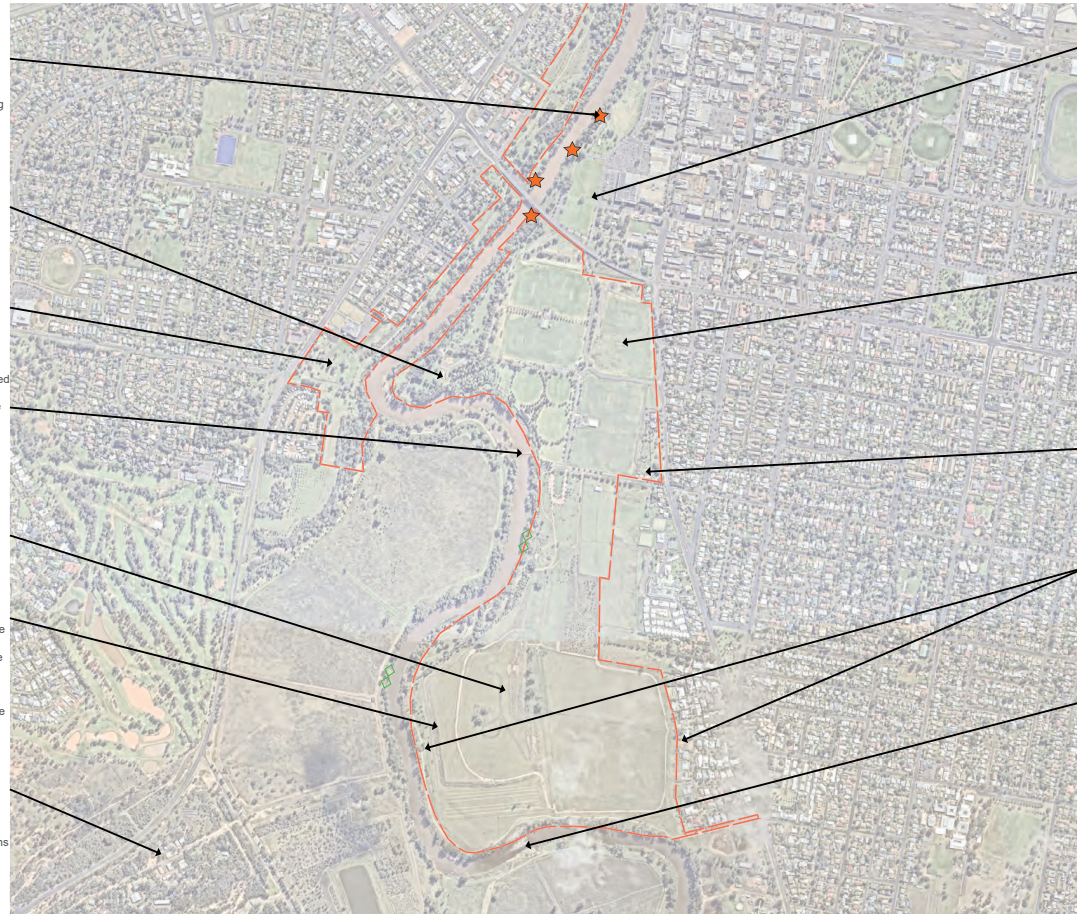
- Planted 2500 trees

REGAND PARK - HISTORY

- Chivels a former dairy
- Market gardening occurred here (up until the 1960s)
- There is no interpretive signage
- MUD RUN
- Been running for 10 years and raised over \$900K
- 1600 people come to participate in the mud run on 27 March
- Fitness modules, mud holes (filled back in after event)

TARONGA WESTERN PLAINS ZOO

- Macquarie River Masterplan to tie in with the Zoo Masterplan: it's linkages, cultural connections and story



- CBD & RIVER CONNECTION**
- Access to the river from the CBD is really important
 - Need for CBD walkability and linkages to the river
 - The river is an active part of the town
 - A lit walking loop close to the CBD provides an opportunity to create a stronger connection
 - Proposed amphitheatre as part of the CBD cultural precinct

LADY CUTLER OVAL

- Conflicts between pedestrians and vehicles causes safety issues
- Car parking and traffic circulation congestion
- Stormwater drainage issues along Cobra Street/ Mitchell Highway needs resolving
- Soccer fields: opportunity to develop an all weather synthetic surface with clubhouse facilities
- Cricket and touch footy: lights on four pitches

COMMUNITY GARDEN SPACE

- Community garden space is provided to community groups under licence

LINKAGES

- More access and linkages through here from residential areas to Regand Park
- Opportunities for a river pathway all the way along the Macquarie in the CBD area

- Former weir, now fish passage
- Future linkages to Miriam Hill development (to the south) to be considered

KEY:

- ★ Access to water: boat ramp, stairs etc
- ◇◇◇ Willows (to be removed)



ARCHITECT:
ENGINEER

CLIENT:
Dubbo Regional Council

No: DATE: REVISION:

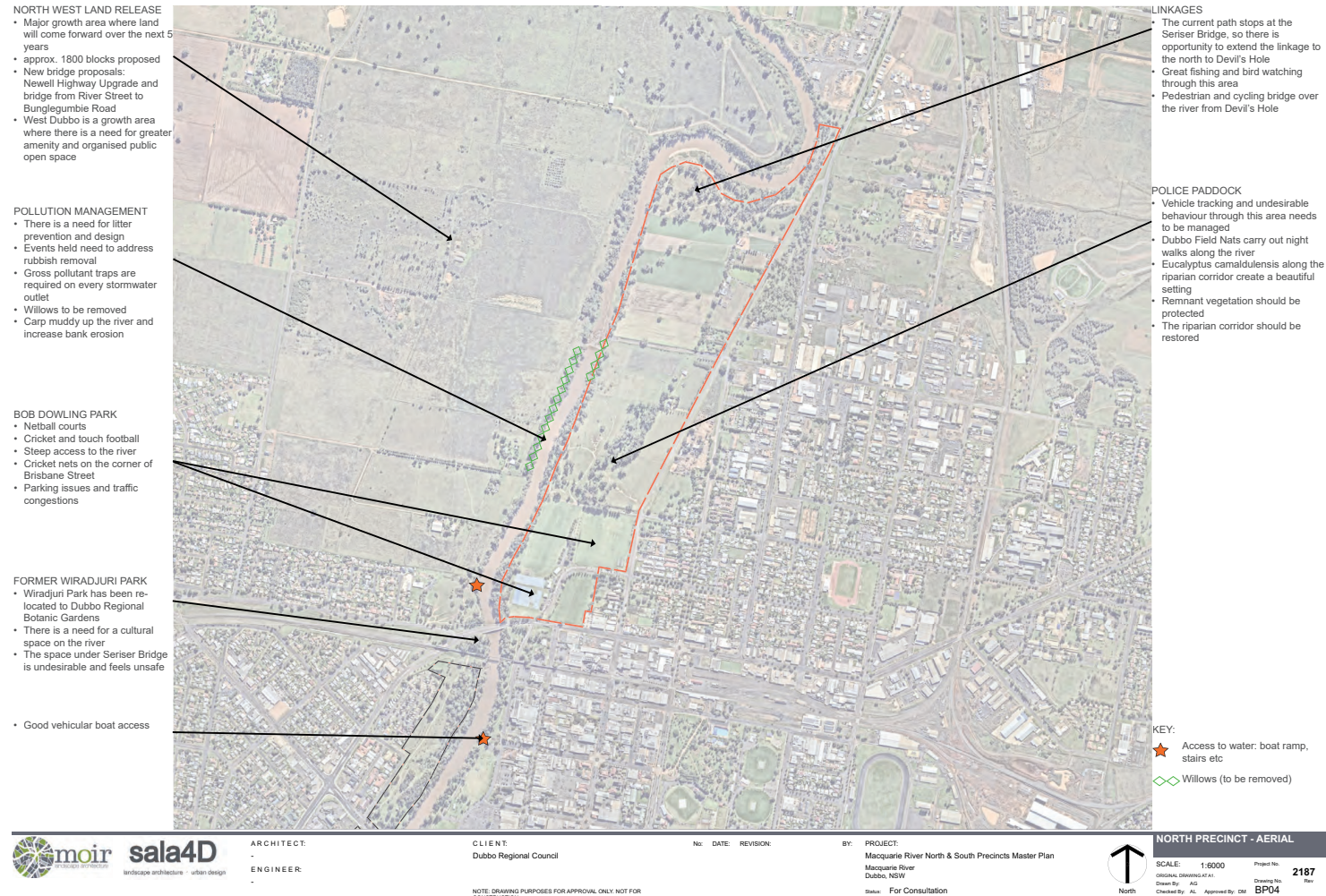
BY: PROJECT:
Macquarie River North & South Precincts Master Plan
Macquarie River
Dubbo, NSW



SOUTH PRECINCT - AERIAL

SCALE: 1:5000
Project No: 2187
ORIGINAL DRAWING AT A1
Previous No:

4. SWOT Analysis - North Precinct



Macquarie River Master Plan - Draft Master Plan

Guiding Principles for Design

The Brief

The key outcomes identified by the brief for the Plan are:

- Ensure connectivity of the eastern bank is integrated with the adopted Macquarie River CBD Master Plan, Events Precinct on Ollie Robbins Oval and the Legacy Shared Pathway Project;
- Strengthen the connections to the future North-West Sub-division and look for value-add opportunities;
- Increasing utilisation of the river corridor by better defining the current precincts;
- Increase accessibility to the river through the development of pedestrian, cycle and vehicular networks that cater to a diverse range of demographics and abilities;
- Harness key views and connections back through to the CBD (Macquarie Street) and along the river;
- Improve the riparian vegetation/biodiversity values throughout the riverine corridor; and
- Identify wayfinding and interpretive signage opportunities.

The Plan should deliver the outcomes identified in the brief but add to these the results of the community consultation. It is the unique nature of the environment and community that will provide the design with a genuine sense of place and therefore from where the design should stem.

Although the consultation was conducted with a select and relatively small group, the stakeholders who took part represented the most opposing views expected throughout the community. Yet, the conversation was constructive and largely cohesive in a joint desire to improve the natural environment while ensuring sporting amenity is managed. Most agreed that traffic issues inhibit further development of sporting amenity where insufficient streets and parking can be provided.

The consultation has provided us with a set of design principles and values that can be used to inform the design process both in broadscale planning and in detailed design.

Key Values and Guiding Principles for Design

Based on the findings from the community consultation, the following key values and guiding principles should be used in the design of the Macquarie River North and South Precincts Master Plan. They form a useful rationale that ground the project in the values of the community and provides a basis for future design stages.

Key Values:

- **Public open space, and the natural environment**
- **Interaction with others**
- **Long term viability**

Guiding principles

SPORT: Maintain and enhance sporting amenity

SWIMMING AND FISHING: Provide access to water for swimming and fishing

PATHS: Provide a hierarchy of path types throughout the parkland

RIPARIAN: Enhance the riparian corridor

NATURAL: Use natural material

WETLAND: Provide wetland environments

AMENITY: Provide basic park amenity

ENVIRONMENT: Increase bushland area

WATER: Provide better connections to water

Guiding Principles for Design



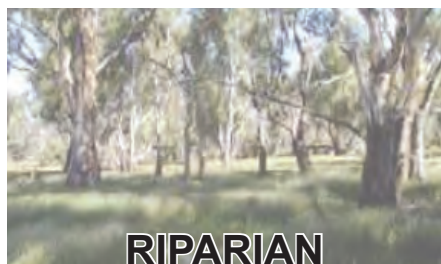
ACTIVE RECREATION
Maintain & enhance active recreation amenity



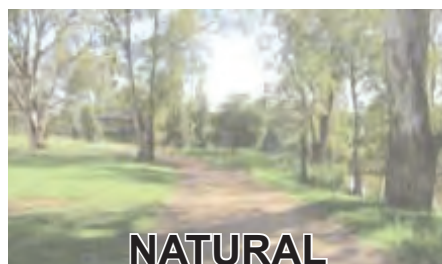
SWIMMING & FISHING
Provide access to water for swimming and fishing



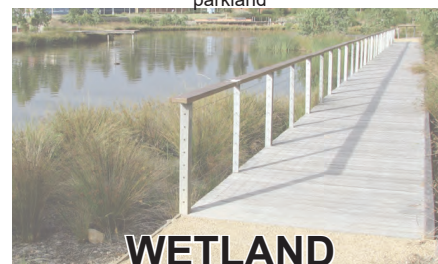
PATHS
Provide a hierarchy of path types throughout the parkland



RIPARIAN
Enhance the riparian corridor



NATURAL
Use natural materials



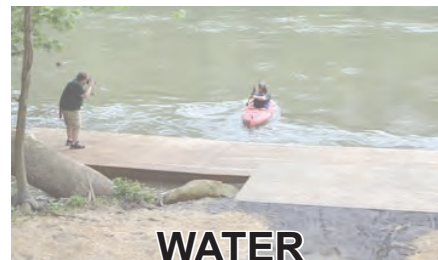
WETLAND
Provide wetland environments



AMENITY
Provide basic park amenity



ENVIRONMENT
Increase bushland area



WATER
Provide better connections to water

Survey Results

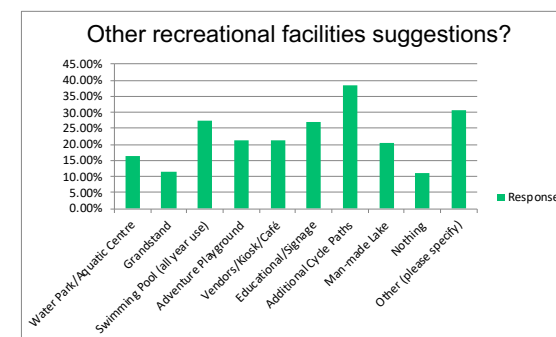
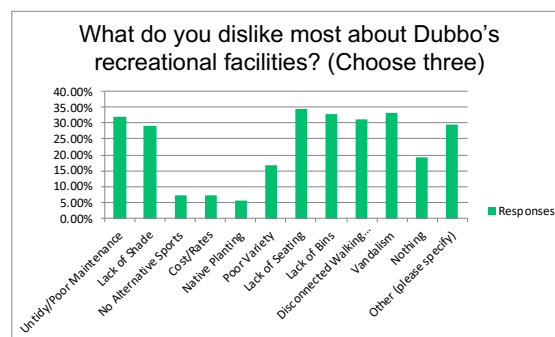
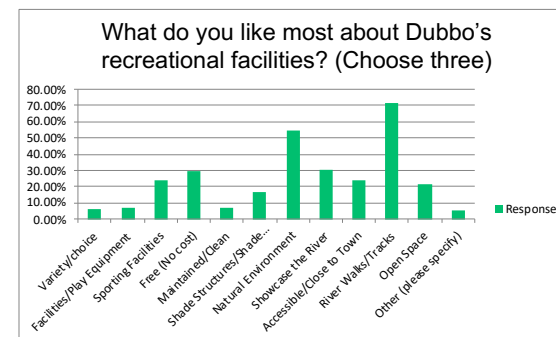
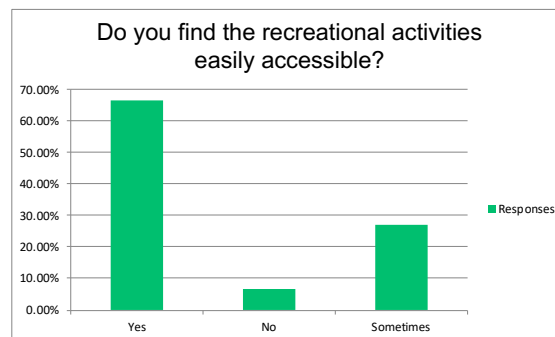
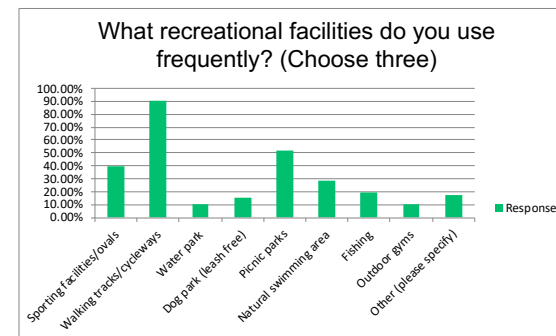
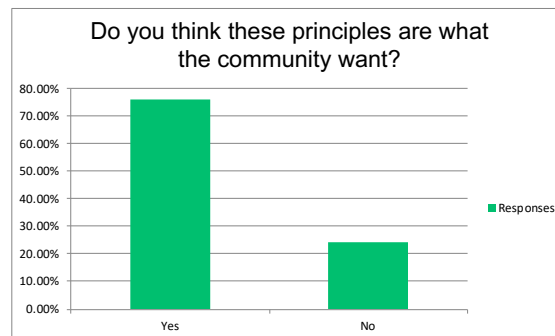
Survey

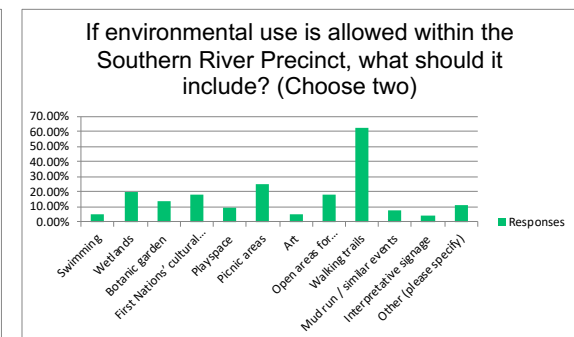
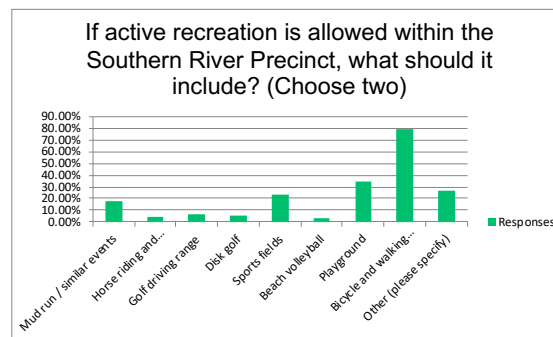
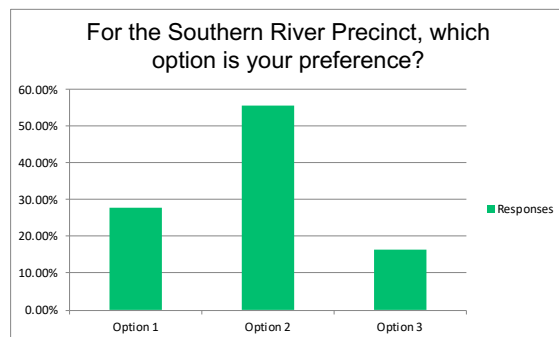
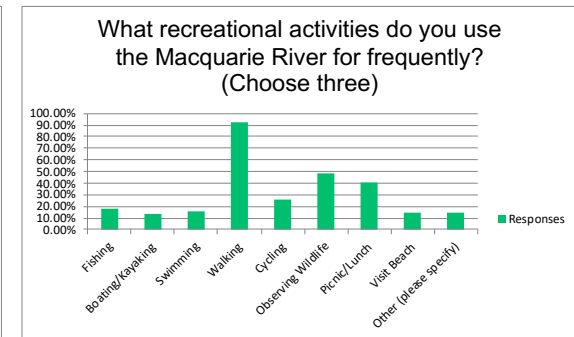
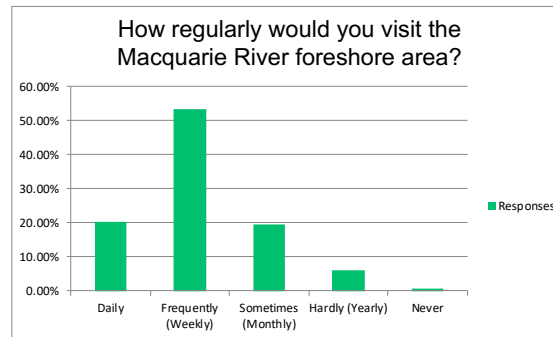
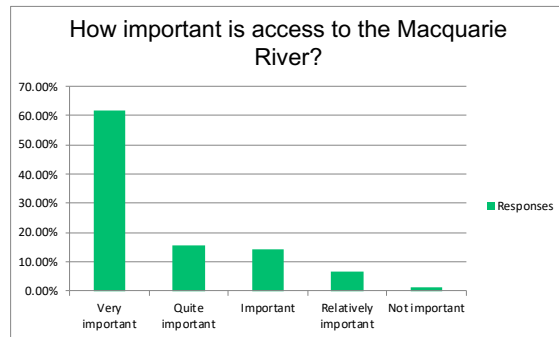
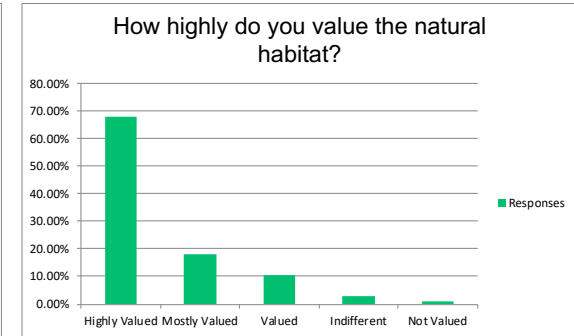
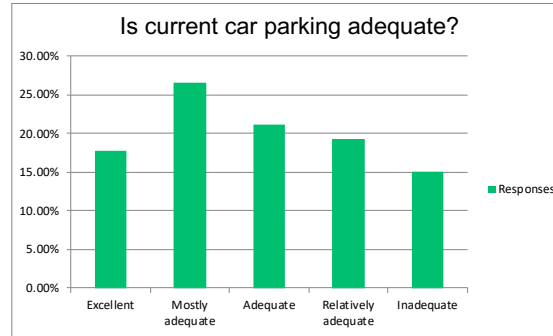
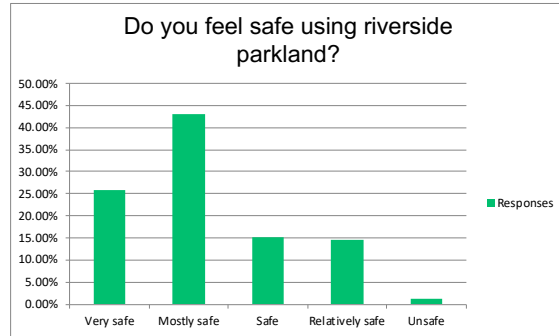
An online survey was conducted from the 1st of September to the 4th of October, 2022, using a questionnaire developed in consultation with DRC.

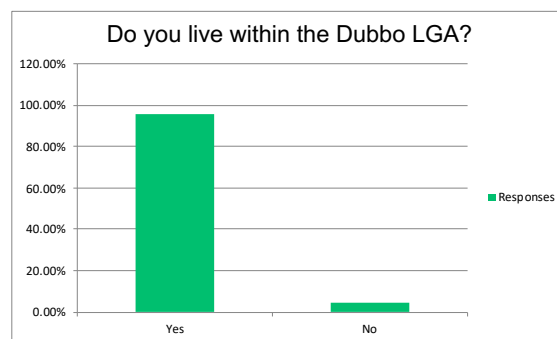
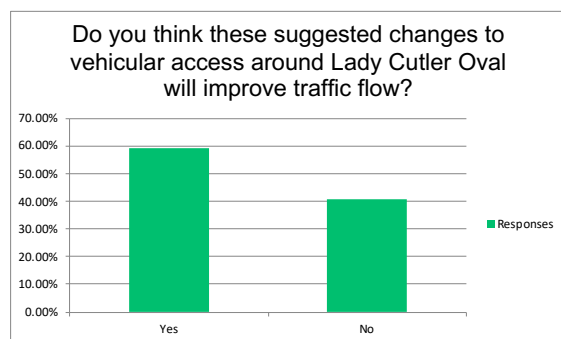
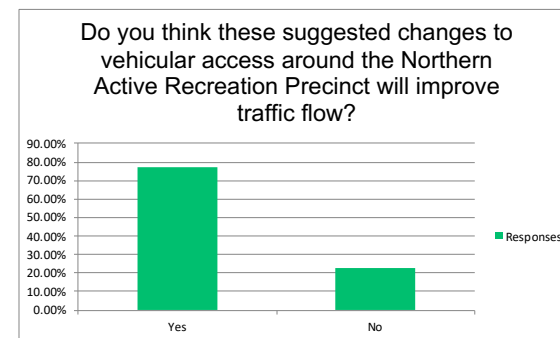
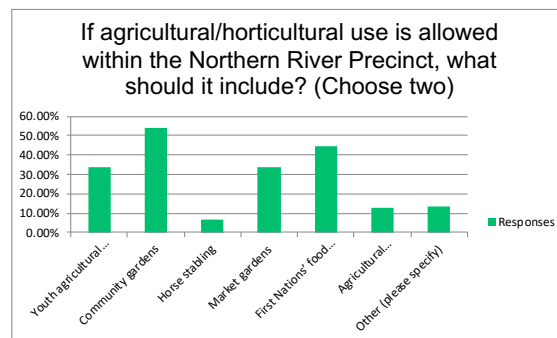
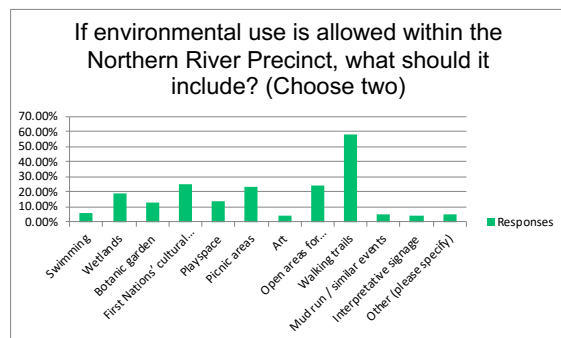
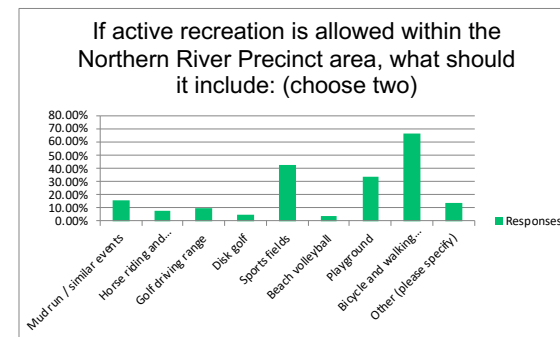
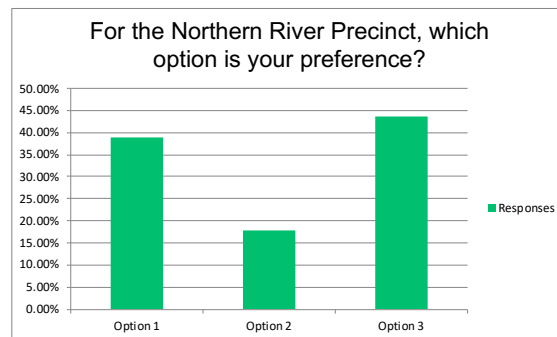
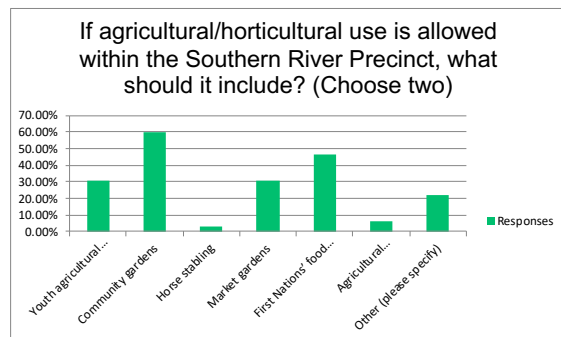
Questions were developed to ascertain which recreational facilities and open space elements were most readily accessed, utilised and valued by residents and visitors of Dubbo and to determine the shortfalls in Dubbo's open space and recreational facilities that could perhaps be incorporated into the development of the Macquarie River Master Plan.

The questionnaire consisted of questions related to open space, active recreation, play, amenity, safety, access and environment.

Three spatial concept plans were also presented to the community and respondents were asked to rank these in order of preference.



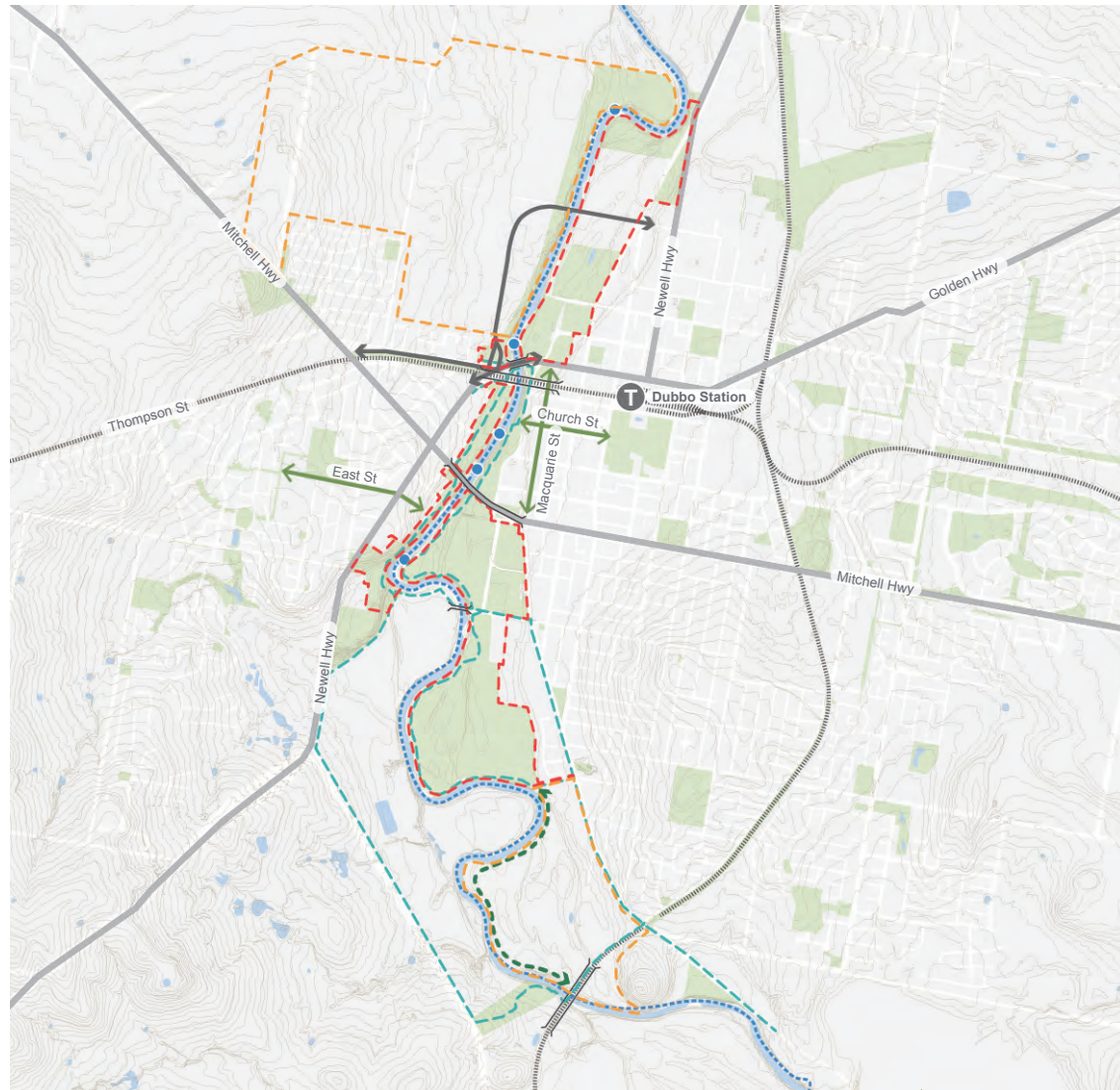






Access & Movement

- Site boundary
- Future development boundary
- Major road
- T Train line
- () Bridge crossing
- ↔ Proposed highway
- Major pedestrian open space connections
- Off-road / riverfront connections
- ... River access
- Future desired pedestrian link



Existing Open Space

- Site boundary
- Major road
- Train line
- ||| Bridge crossing
- General open space*
- Local open space*
- District open space*
- Regional open space*

*Source: DRC Dubbo Open Space Masterplan 2018



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Environment

- Site boundary
- Future development boundary
- Major road
- T Train line
- ||| Bridge crossing
- Contour line
- ||||| Native biodiversity
- Flood planning area (DRC LEP 2022)
- Vegetation corridor - 300m offset

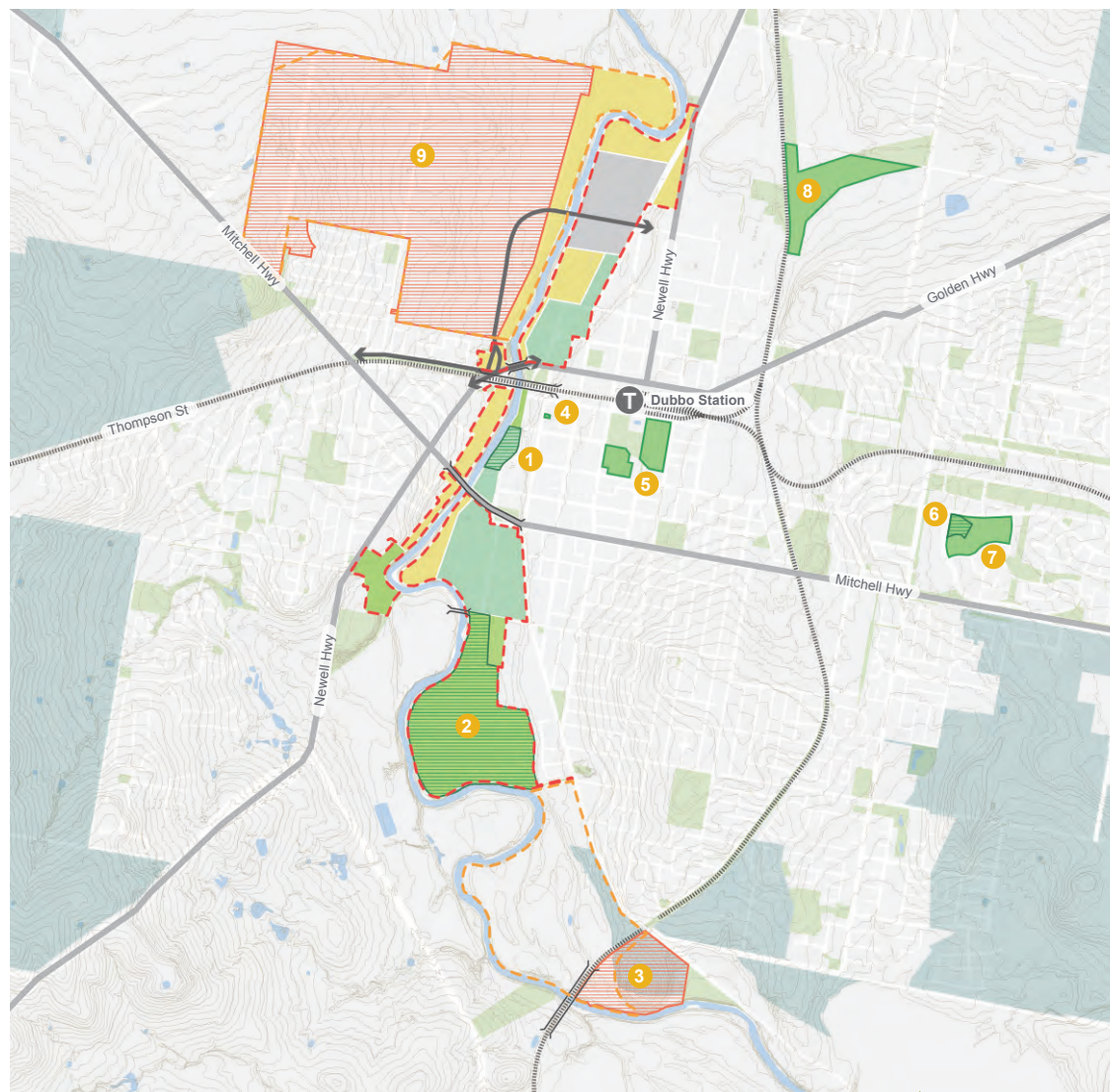


Land Use & Development

- Site boundary
- Future development boundary
- Major road
- T Train line
- () Bridge crossing
- ↔ Proposed highway
- Environmental
- Sport & recreation
- Park
- Private
- Urban release area
- New open space
- ▨ Proposed open space (Approved / masterplan)
- ▨ Future development

Recent and proposed development

- 1 Ollie Robbins Events Precinct and Boardwalk (proposed)
- 2 Regand Park (masterplan)
- 3 Miriam Residential Development (proposed)
- 4 Old Dubbo Gaol Heritage Plaza (under construction)
- 5 Victoria Park Ovals Redevelopment
- 6 Wiradjuri Tourism Centre (proposed)
- 7 Wiradjuri Garden, Elizabeth Park, Botanic Gardens and Japanese Gardens
- 8 Dubbo Regional Cycling Facility
- 9 Future residential development site



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Key Destinations

- Site boundary
- Future development boundary
- Major road
- T Train line
- | Bridge crossing
- Business centre*
- Airport Precinct*
- Hospital Precinct*
- Zoo Precinct*

*Source: DRC Strategic Plan 2020

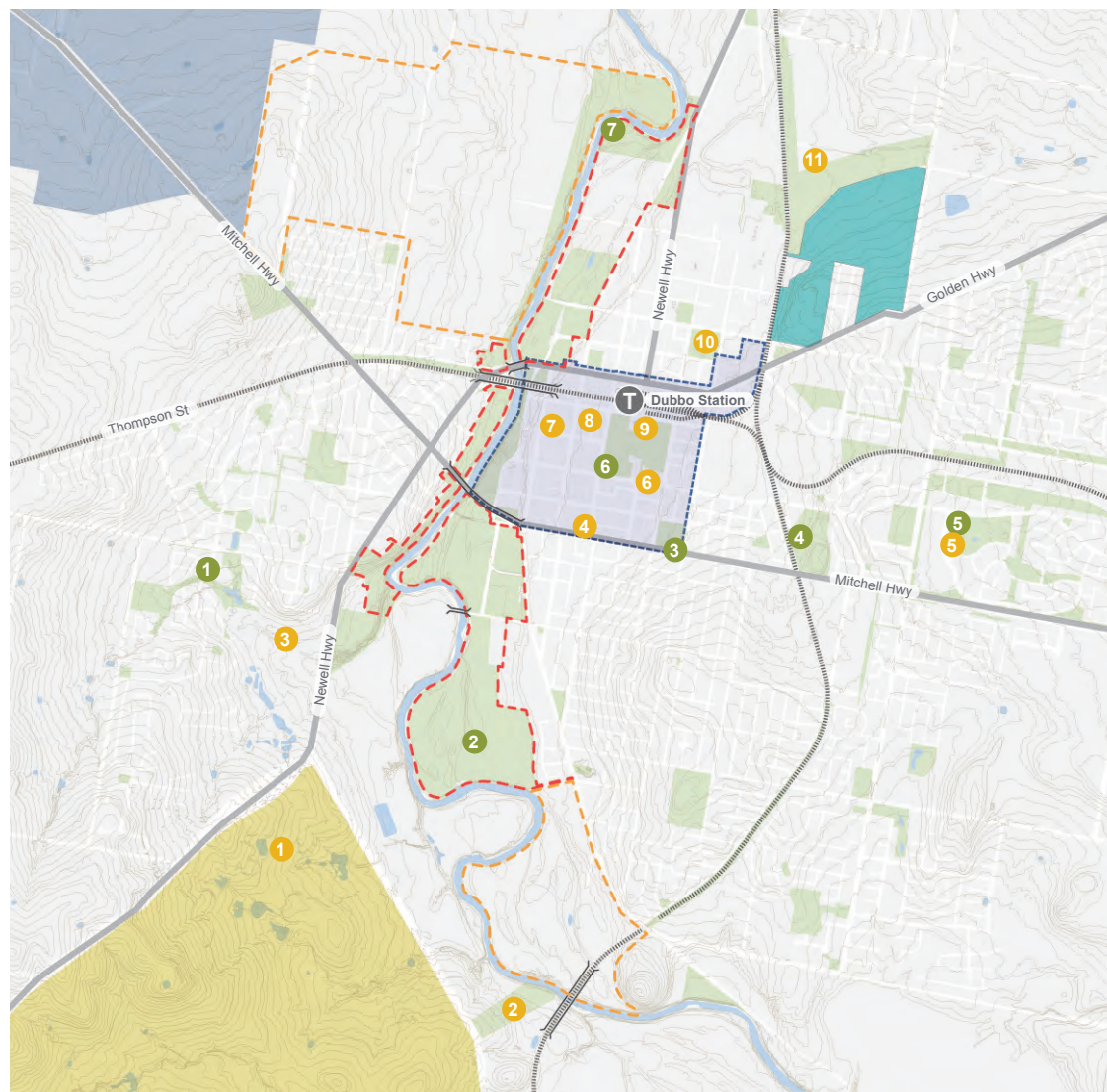
Cultural and recreational destinations

- 1 Taronga Western Plains Zoo
- 2 Dundullimal Homestead
- 3 Dubbo Golf Club
- 4 Macquarie Conservatorium
- 5 Dubbo Regional Botanic Garden and Japanese Gardens
- 6 Western Plains Cultural Centre
- 7 Old Dubbo Gaol
- 8 Dubbo Regional Theatre and Convention Centre
- 9 Dubbo Aquatic Leisure Centre
- 10 Barden Park Athletics Complex
- 11 Dubbo Regional Cycling Facility

Open Space destinations

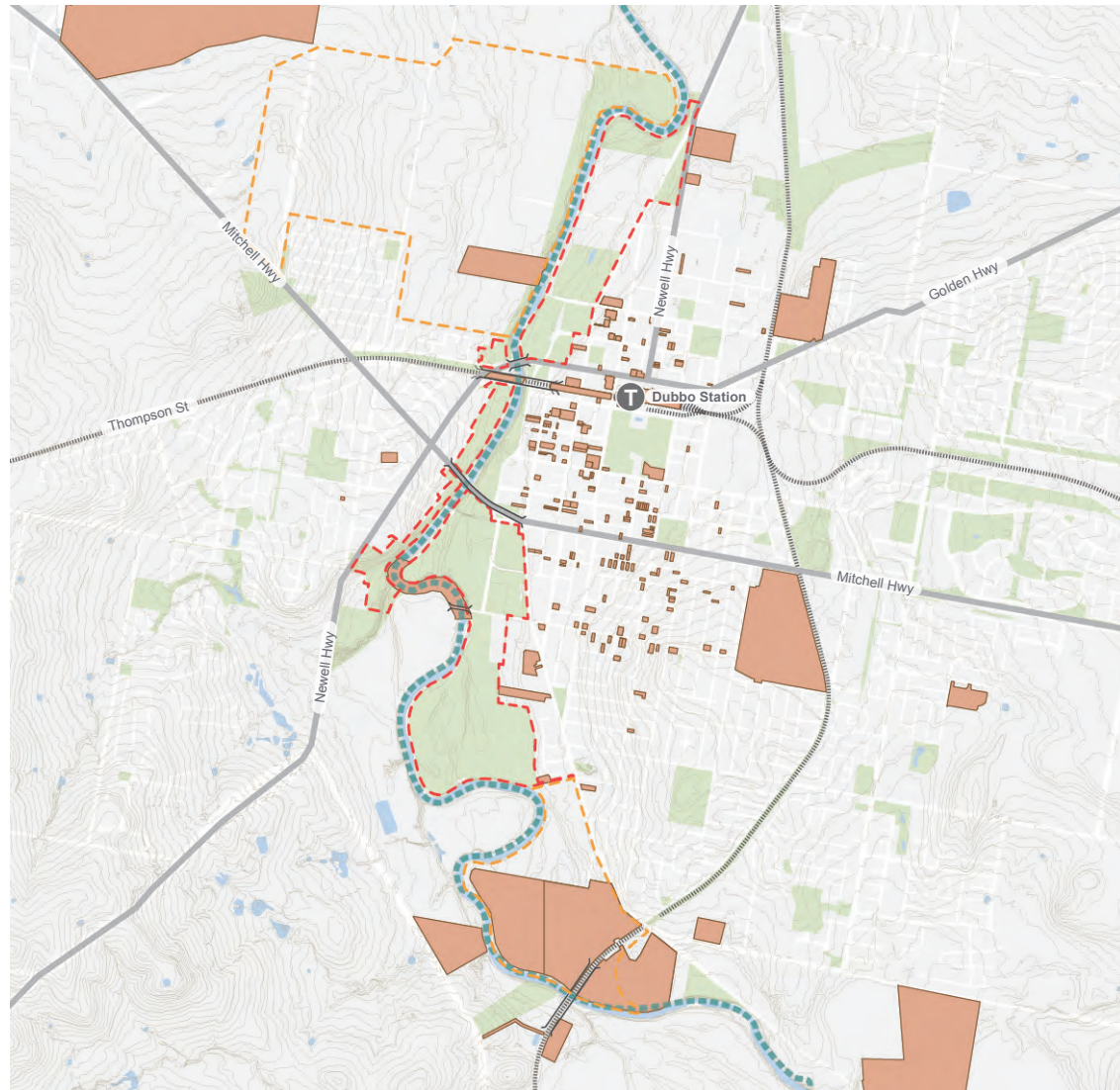
- 1 Delroy Park
- 2 Regand Park
- 3 Elston Park
- 4 Apex Oval
- 5 Wiradjuri Garden and Elizabeth Park
- 6 Victoria Park
- 7 Devils Hole

0 400 800 1200m



Heritage

- Site boundary
- Future development boundary
- Major road
- T Train line
-) Bridge crossing
- General Heritage Item (DRC LEP 2022)
- Shared European and Indigenous cultural significance of the Macquarie River



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1961 Aerial Image

-- Site boundary



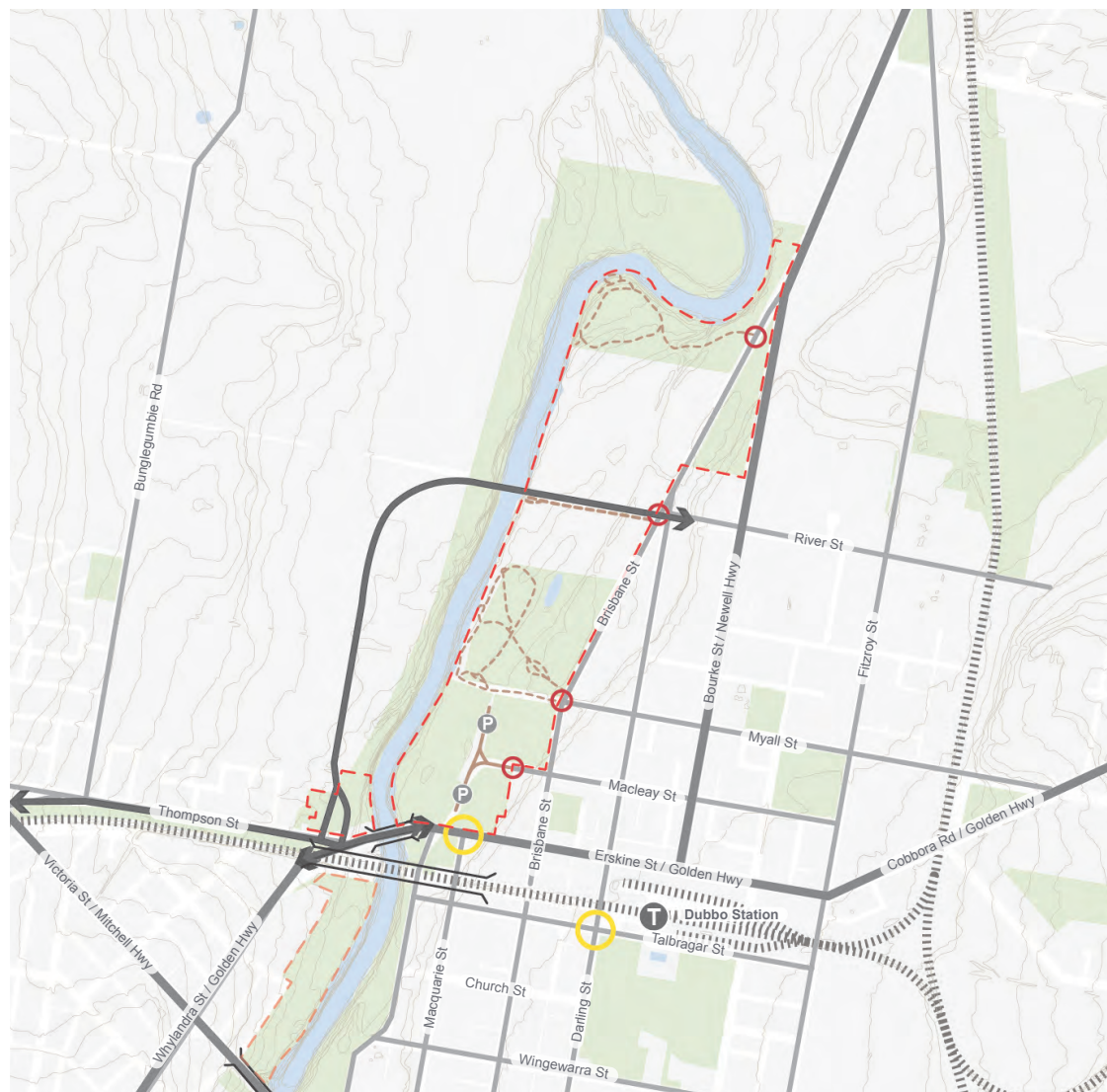
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North Precinct Vehicular Movement

- Site boundary
-  Train line
-  Bridge crossing
-  Proposed highway
-  Major road
-  Secondary road
-  Internal road - sealed
-  Internal road - unsealed
-  Carpark
-  Site access
-  Signalised intersection

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North Precinct Pedestrian Movement

- Site boundary
- T Train line
- Bridge crossing
- Proposed highway
- Major road
- Secondary road
- Internal road - sealed
- Off-road/riverfront access
- Bus stop
- P Carpark
- Signalised intersection
- Walking catchment



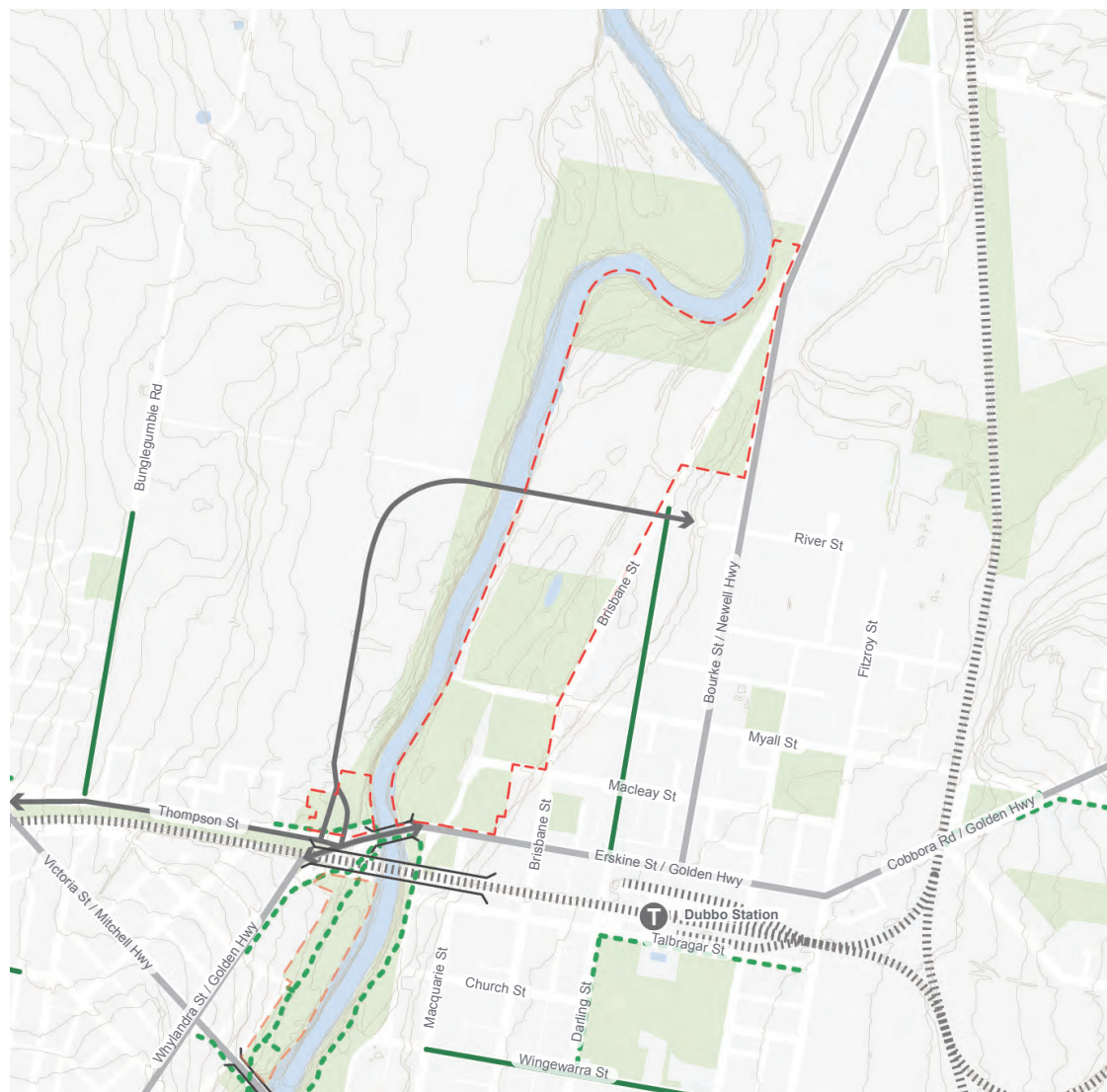
North Precinct Cycle Connectivity

- Site boundary
-  Train line
-  Bridge crossing
-  Proposed highway
-  Major road
-  On-road cycle path*
-  Off-road cycle path*

*Source: DRC Cycleways of Dubbo Map



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North Precinct Land Use

- Site boundary
- T Train line
- ||| Bridge crossing
- ↔ Proposed highway
- Major road
- Public open space*
- Private recreation*
- Environmental*
- Tourism *
- Residential*
- Mixed use / commercial *
- Industrial*
- Infrastructure*
- Rural*
- ▨ Agricultural use (zoned residential)
- ▨ Crown land reserves (NSW Planning Portal)

*Source: DRC LEP 2022 Land Zoning Map













Local destinations

- 1 NRMA Dubbo Holiday Park
- 2 Riverdale Shopping Centre
- 3 Old Dubbo Gaol
- 4 Dubbo Visitors Information Centre
- 5 Dubbo Regional Theatre & Convention Centre
- 6 Western Plains Cultural Centre
- 7 Dubbo North Public School
- 8 Dubbo Base Hospital
- 9 Dubbo Private Hospital
- 10 Charles Sturt University
- 11 TAFE NSW



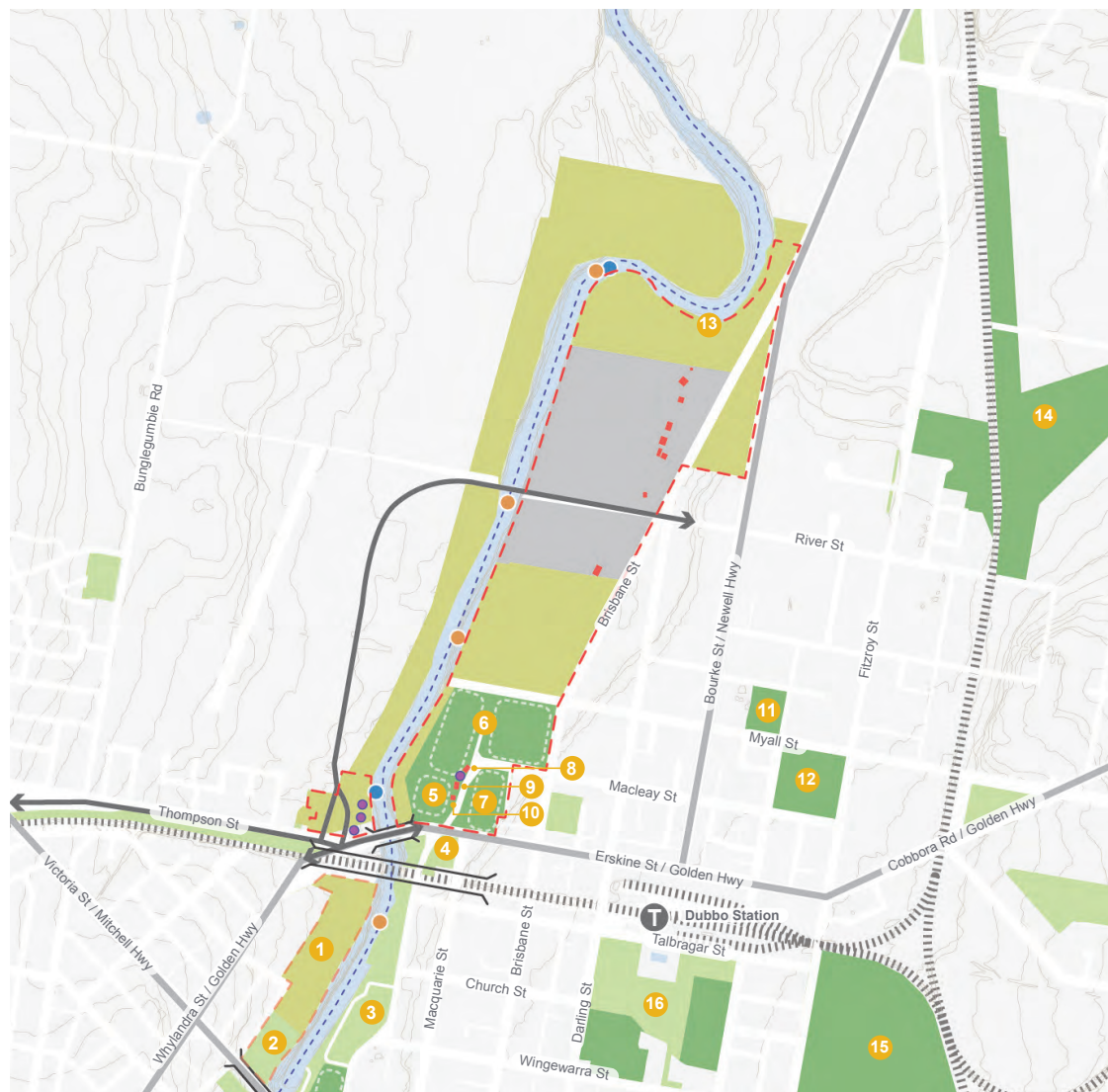
Moir Landscape Architecture & sala4D 41

North Precinct Built Form & Amenity

- Site boundary
-  Train line
-  Bridge crossing
-  Proposed highway
-  Major road
-  Environmental
-  Sports field/court
-  Private
-  Surrounding open space
-  Built form
-  Shelter
-  River access
-  Popular fishing spots

Amenities & recreation

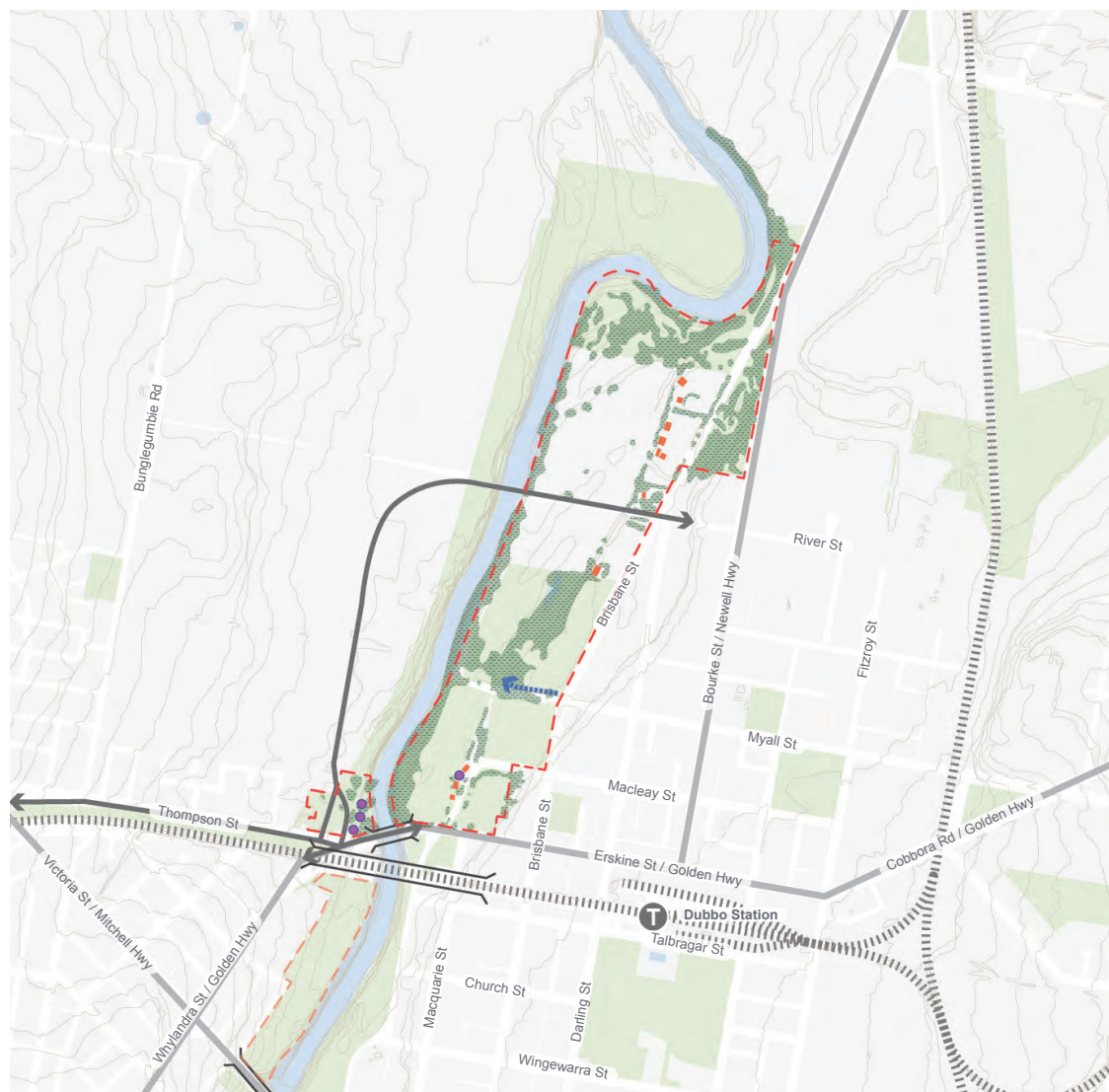
- | | |
|---|---|
|  Biddybungie Reserve |  Barden Park |
|  Lion's Park West |  Devil's Hole Reserve |
|  Ollie Robbins Oval |  Dubbo Regional Cycling Facility |
|  Dubbo Farmers' Markets |  Dubbo Showground |
|  Netball courts x 15 |  Victoria Park |
|  John McGrath Fields & Bob Dowling Ovals | |
|  Katrina Gibbs Fields | |
|  Dubbo Touch Association | |
|  Public toilet block | |
|  Dubbo Netball Association | |
|  Pump track | |













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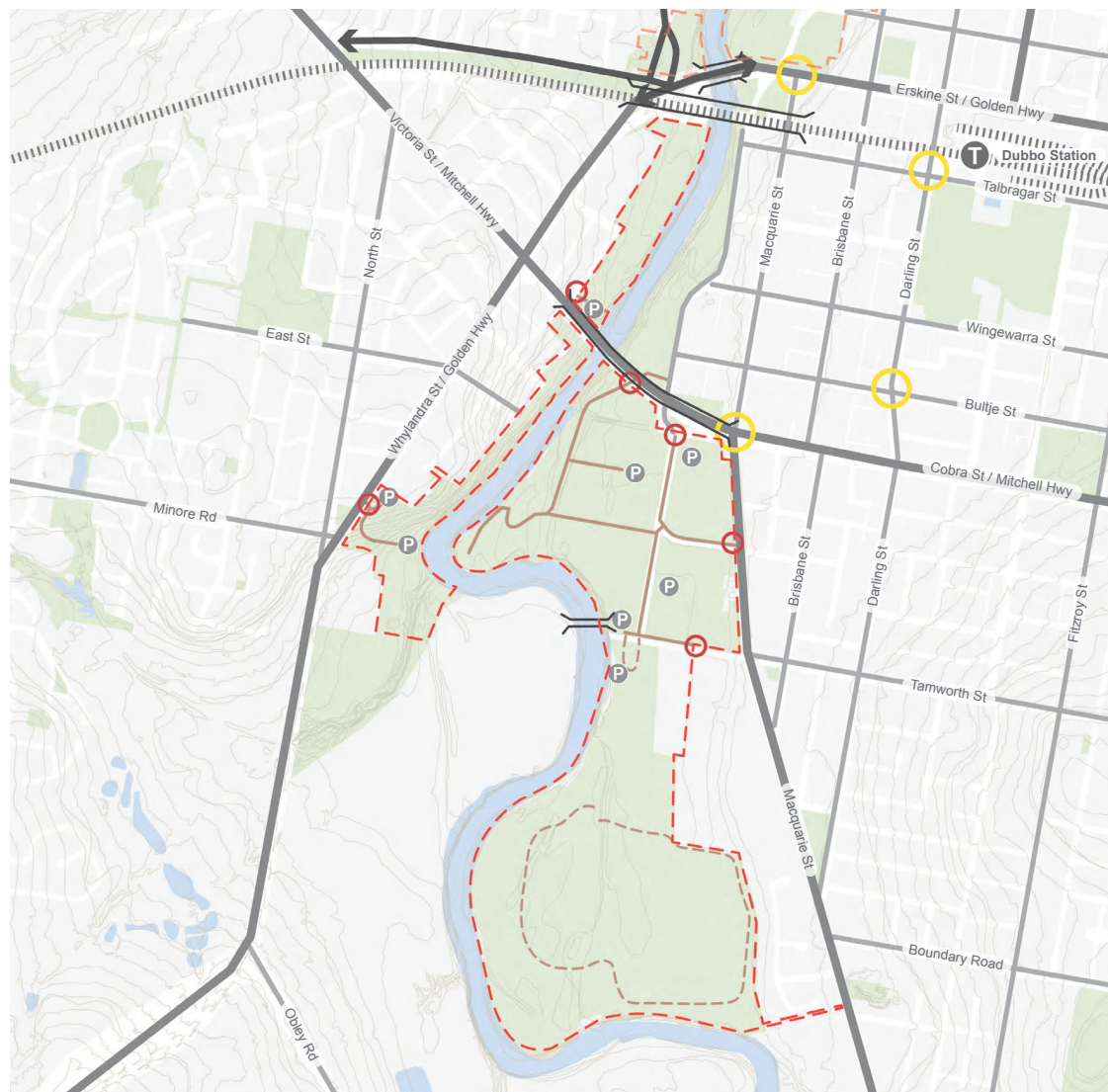
North Precinct Shade & Drainage

- Site boundary
- Train line
- Bridge crossing
- Proposed highway
- Major road
- Tree canopy
- Shelter
- Building
- Key stormwater channel



South Precinct Vehicular Movement

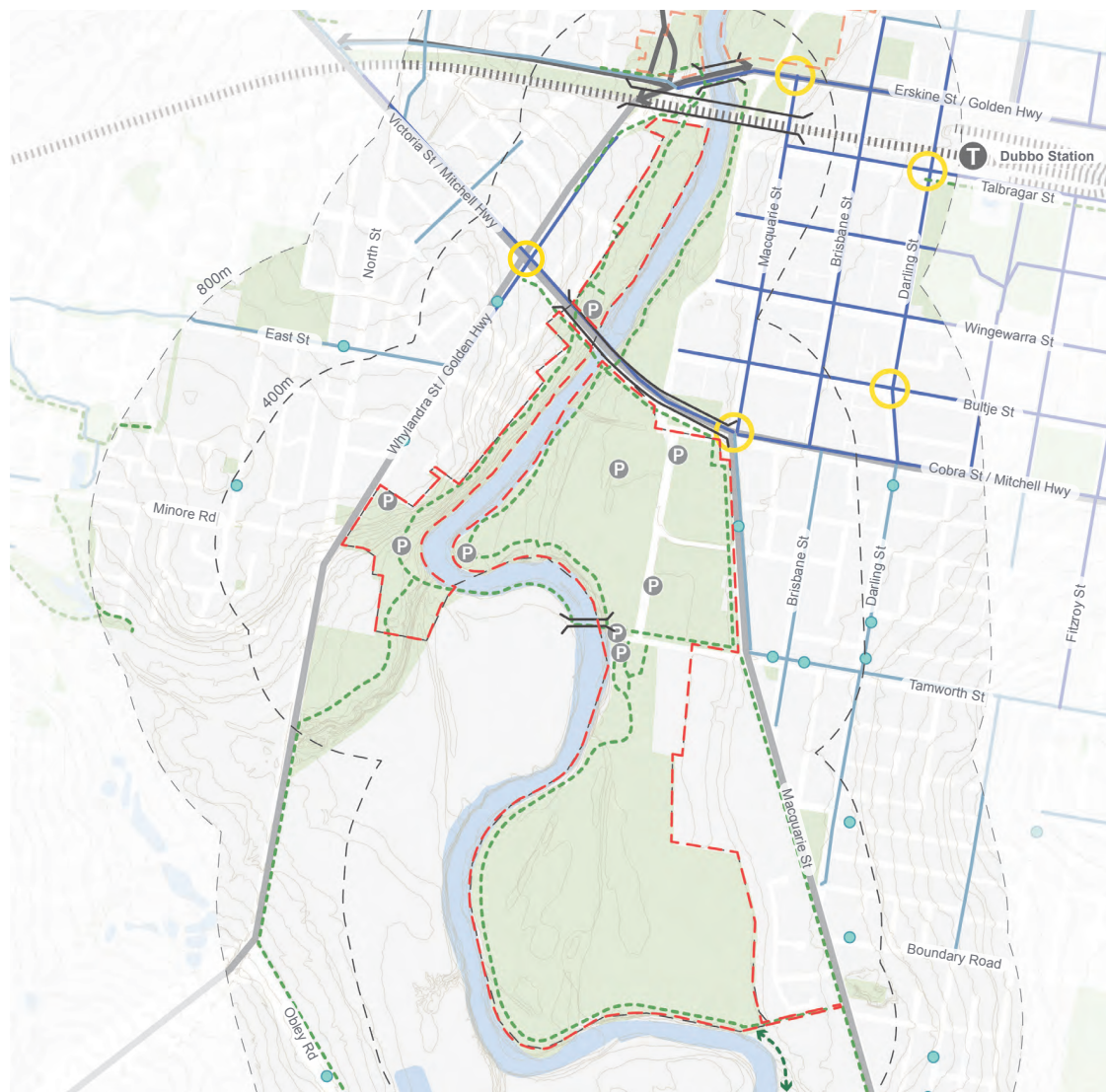
- Site boundary
-  Train line
-  Bridge crossing
-  Proposed highway
-  Major road
-  Secondary road
-  Internal road - sealed
-  Internal road - unsealed
-  Carpark
-  Site access
-  Signalised intersection











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South Precinct Pedestrian Movement

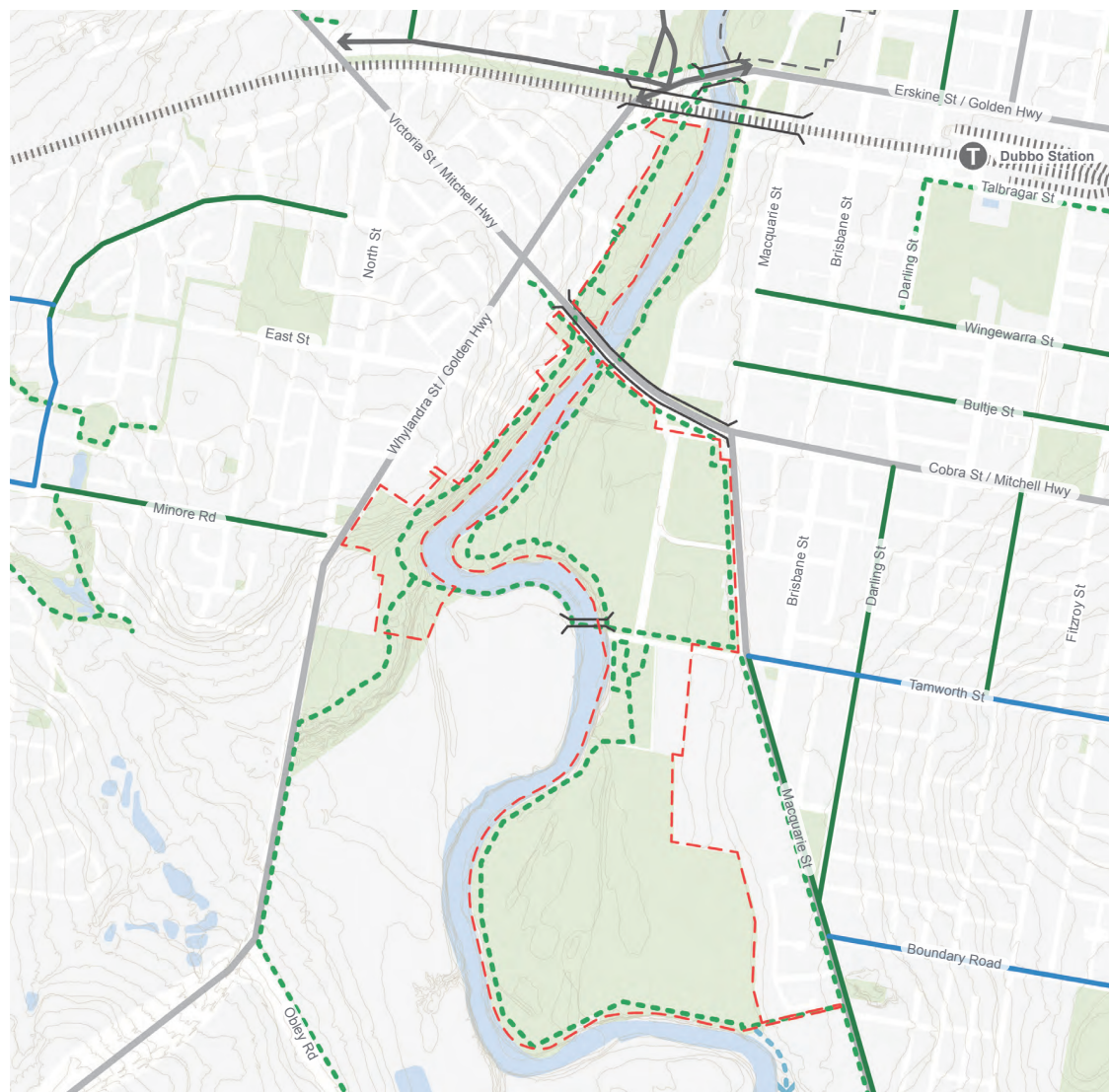
- Site boundary
- T Train line
-)) Bridge crossing
- ↔ Proposed highway
- Major road
- Secondary road
- Internal road - sealed
- Off-road/riverfront access
- Bus stop
- P Carpark
- Signalised intersection
- Walking catchment



South Precinct Cycle Connectivity

- Site boundary
-  Train line
-  Bridge crossing
-  Proposed highway
-  Major road
-  On-road cycle path*
-  Off-road cycle path*
-  Proposed on-road cycle path*
-  Proposed off-road cycle path

*Source: DRC Cycleways of Dubbo Map



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South Precinct

Land Use

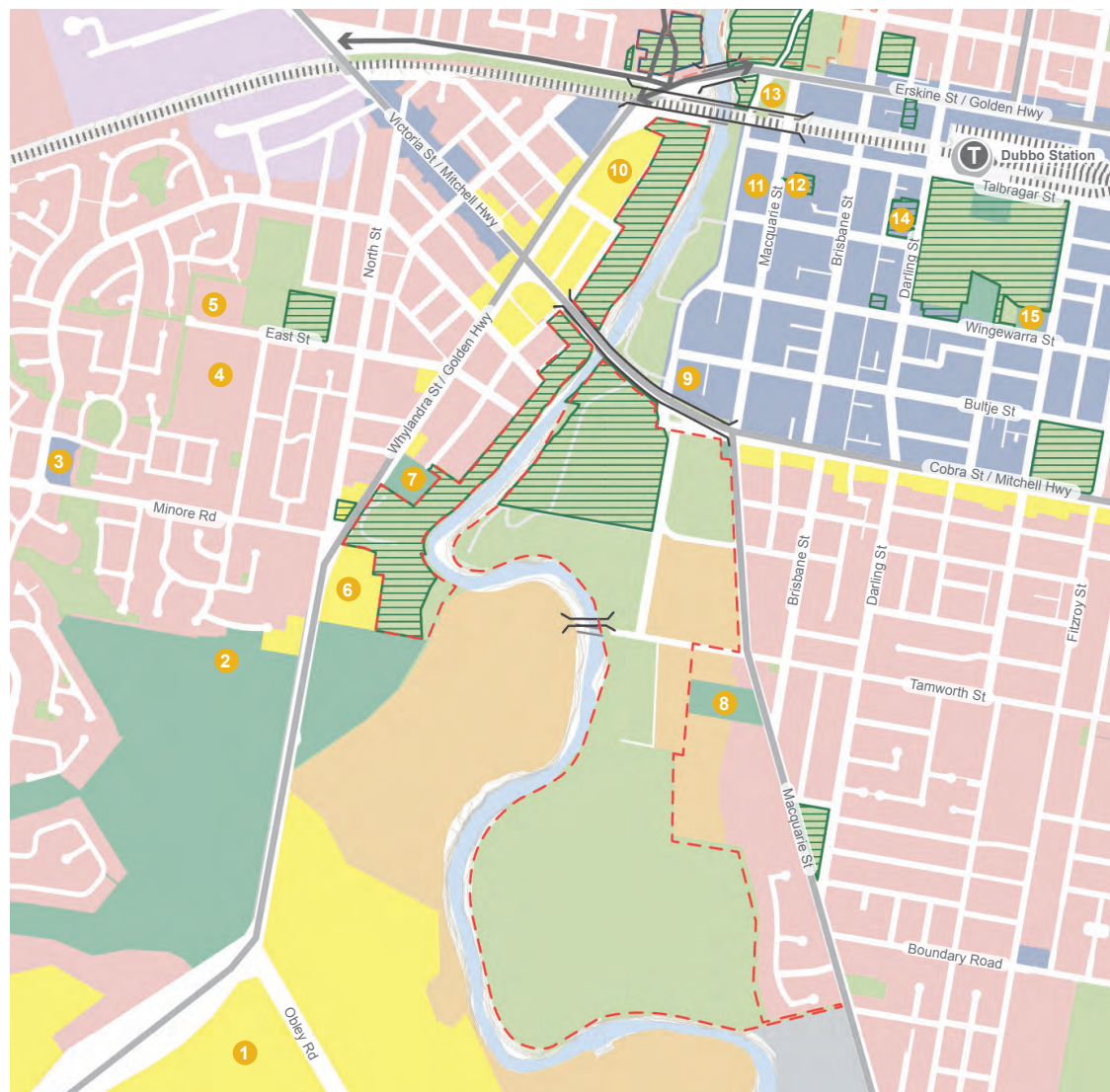
- Site boundary
- T Train line
- || Bridge crossing
- ↔ Proposed highway
- Major road
- Public open space*
- Private recreation*
- Environmental*
- Tourism *
- Residential*
- Mixed use / commercial *
- Industrial*
- Infrastructure*
- ▨ Crown land reserves (NSW Planning Portal)

*Source: DRC LEP 2022 Land Zoning Map

Local destinations

- | | |
|--|---|
| <ul style="list-style-type: none"> 1 Taronga Western Plains Zoo 2 Dubbo Golf Club 3 Woolworths 4 Delroy High School 5 Yawarra Community School 6 Discovery Parks - Dubbo 7 Club Dubbo 8 Macquarie Club 9 Western Plains Tourist Park 10 NRMA Dubbo Holiday Park 11 Riverdale Shopping Centre 12 Old Dubbo Gaol | <ul style="list-style-type: none"> 12 Dubbo Visitors Information Centre 13 Dubbo Regional Theatre & Convention Centre 14 Dubbo Regional Theatre & Convention Centre 15 Western Plains Cultural Centre |
|--|---|

0 200 400 600 800m



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South Precinct Built Form & Amenity

- Site boundary
- | Bridge crossing
- ↔ Proposed highway
- Major road
- Environmental
- Sports field/court
- Private
- Surrounding open space
- ▬ Built form
- Shelter
- River access
- Popular fishing spots
- Dragon boat racing route

Amenities & recreation

- | | |
|---|---|
| 1 Pioneer Park | 13 Park Run |
| 2 Lion's Park Amenities | 14 Lady Cutler Oval North |
| 3 Lion's Park West | 15 Lady Cutler Oval South |
| 4 Biddybungie Reserve | 16 Lady Cutler Oval East |
| 5 Ollie Robbins Oval | 17 Lady Cutler Canteen |
| 6 Hans Claven Oval | 18 Toilet block |
| 7 Victoria Park | 19 Riverside Amenities |
| 8 Elston Park | 20 Community Garden |
| 9 Ninja Course | 21 Regand Park |
| 10 Sir Roden Cutler Park | 22 Titan Macquarie Mud Run |
| 11 Sandy Beach | 23 Wahroonga Park |
| 12 Sandy Beach Amenities | 24 South Dubbo Weir |









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South Precinct Shade & Drainage

- Site boundary
-  Train line
-  Bridge crossing
-  Proposed highway
-  Major road
-  Tree canopy
-  Shelter
-  Building
-  Key stormwater channel

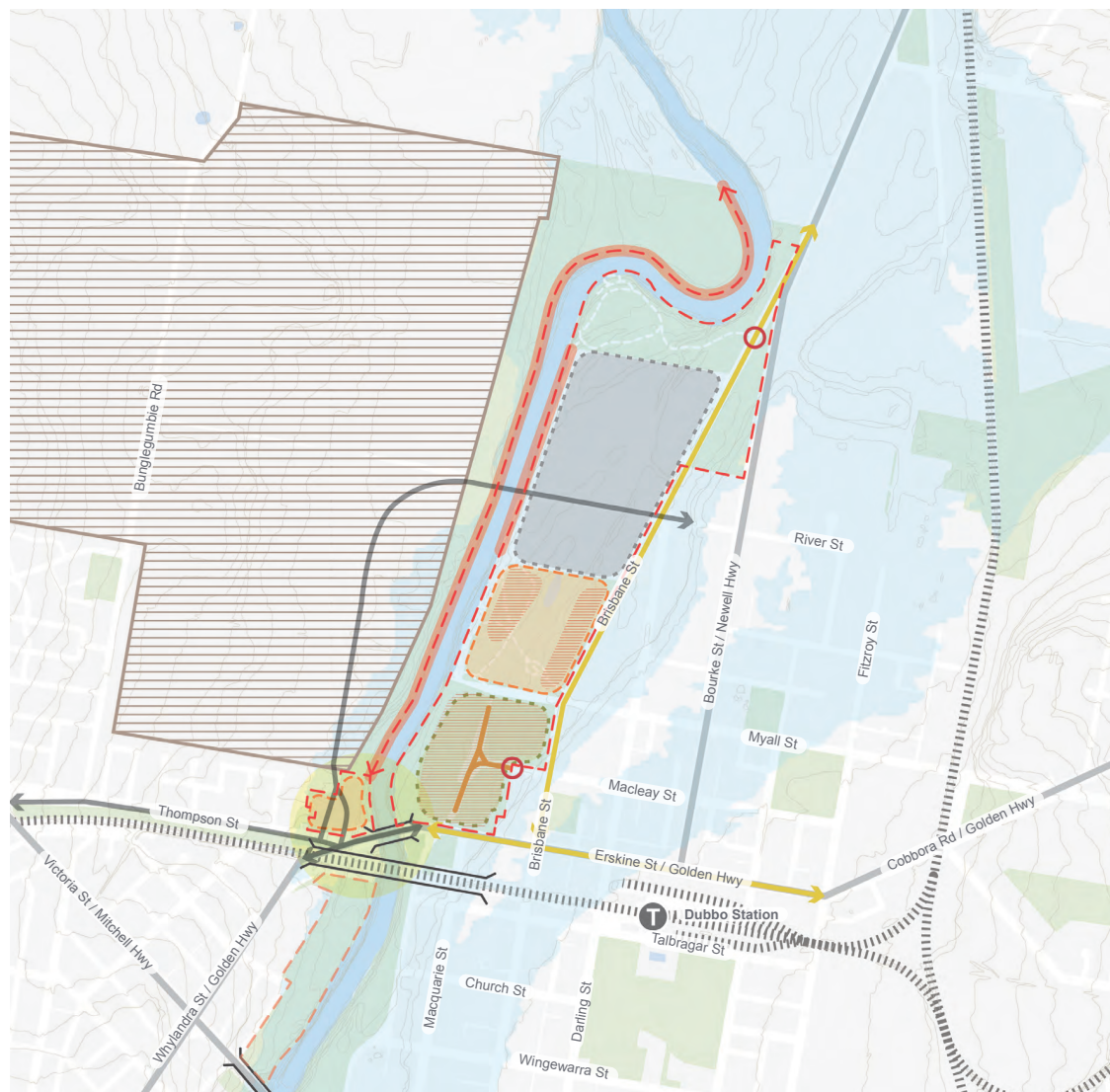


North Precinct - Constraints

- Site boundary
- Future development boundary
- Major road
- ⋮ Train line
- ⌋ Bridge crossing
- ↔ Proposed highway
- Private land
- Lack of facilities / low surveillance / anti-social behaviour
- Existing sporting precinct at capacity
- Congested internal roads
- Limited vehicular site access
- Interface with busy road
- Restricted access to riverfront
- Interface with highway & bridge
- Lack of shade
- Future residential subdivision area
- Flood planning area (DRC LEP 2022)

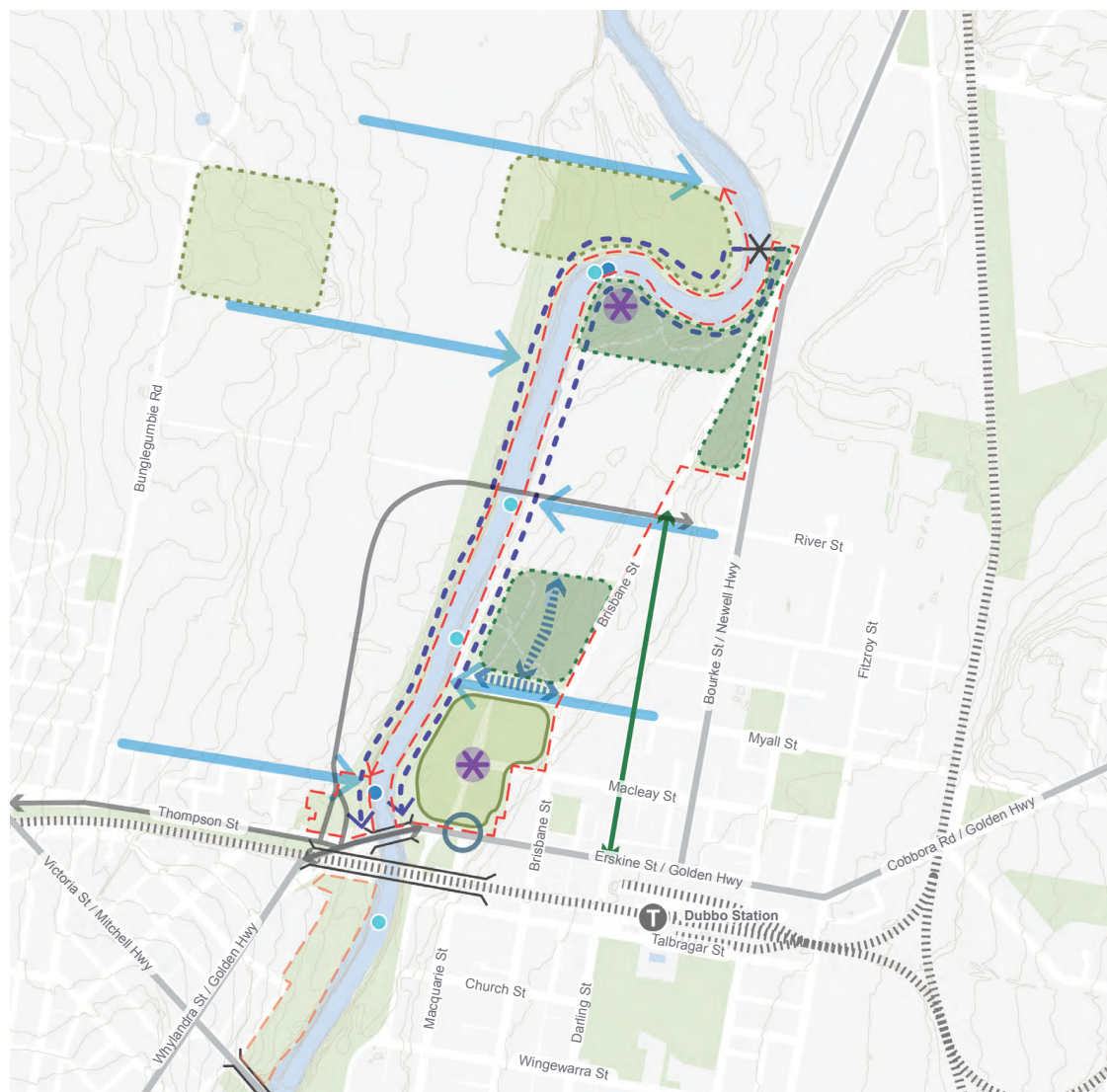
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North Precinct - Opportunities

- Site boundary
- Future development boundary
- Major road
- T Train line
- ||| Bridge crossing
- Proposed highway
- Potential passive recreation & parkland
- Potential sporting fields out of flood zone & near future development
- Existing sporting precinct to be retained / enhanced
- Key open space connections
- Potential riverfront connections
- Connection to existing cycle path
- Existing/future water sensitive areas
- Potential wetland environment
- O Existing signalised intersection
- Popular fishing spots - Improve access / amenity
- Enhance existing river access
- ✱ Key activity zones - Improve access / amenity
- ✱ Potential bridge crossing

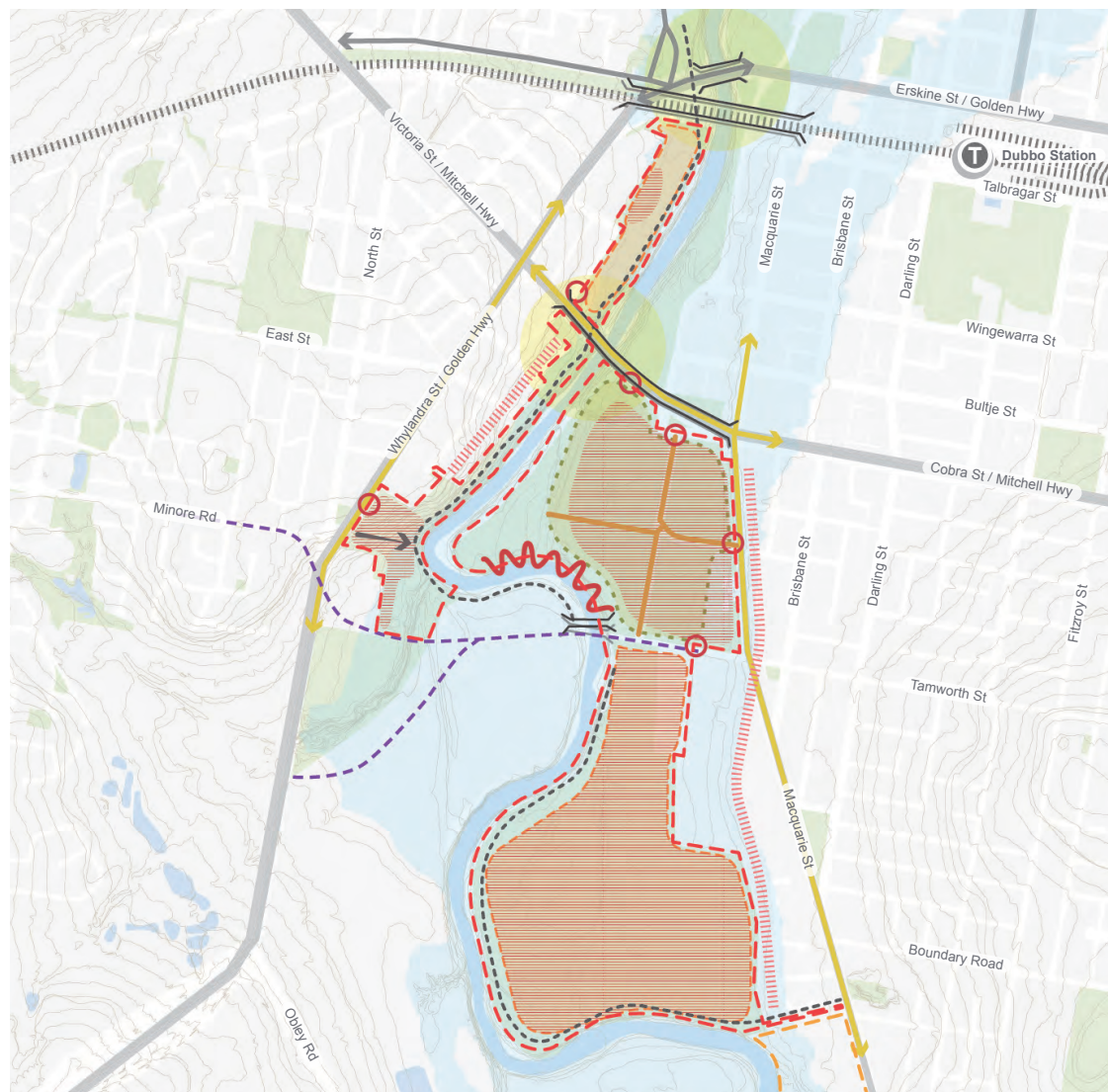


South Precinct - Constraints

- Site boundary
- Future development boundary
- Major road
- Train line
- () Bridge crossing
- ▨ Lack of amenity / surveillance
- ▨ Existing sporting precinct at capacity
- Congested internal roads
- Limited vehicular site access
- Interface with busy road
- Lack of lighting along shared pathways
- ▨ Residential interface
- Poor interface / pedestrian connectivity under bridge
- ▨ Lack of shade
- ▨ Flood planning area (DRC LEP 2022)
- Steep topography
- Fourth bridge (to be determined)
- ~ Riverbank erosion

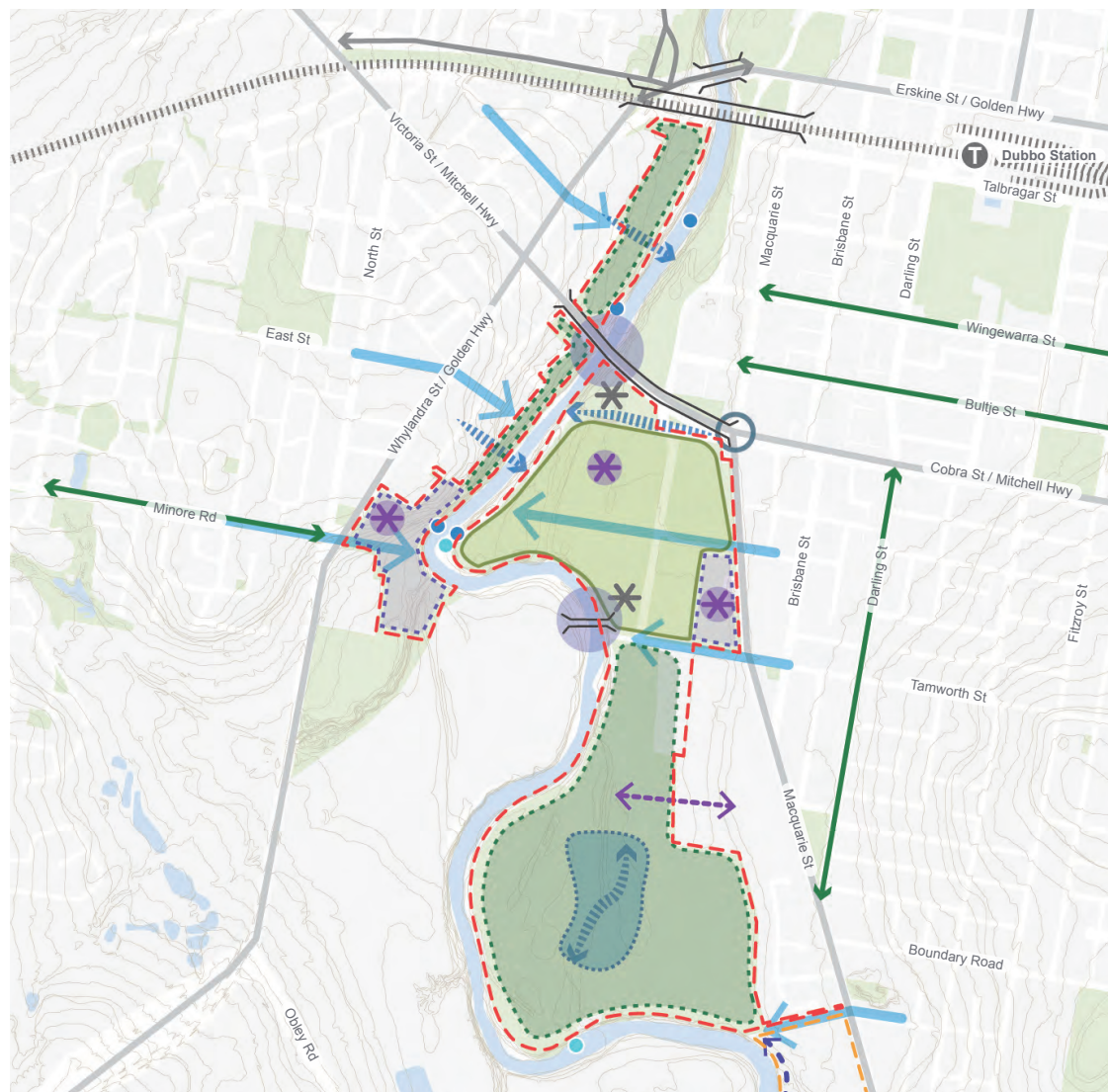


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South Precinct - Opportunities

- Site boundary
- Future development boundary
- Major road
- ⋮ Train line
- ⌋ Bridge crossing
- ⬢ Potential passive recreation & parkland
- ⬢ Potential activity zones
- ⬢ Existing sporting precinct to be retained / enhanced
- ➔ Key open space connections
- Connection to existing cycle path
- ⋮ Existing/future water sensitive areas
- ⬢ Potential wetland environment
- Existing signalised intersection
- Popular fishing spots - Improve access / amenity
- Enhance existing river access
- ✱ Key activity zones - Improve access / amenity
- ✱ Potential parking areas
- Improve bridge crossings
- Improve connectivity to adjacent residential area
- Environmental expansion zone - riverfront walkway from Regand Park to Shible's Bridge and environmental habitat restoration in flood prone areas





04

Master Plan
South Precinct

South Precinct - Wider Context

The plan for the Southern River Precinct identifies opportunities for enhanced recreation, connectivity and biodiversity. The plan aims to facilitate existing activity while catering to future needs and community aspirations.

Within the existing Lady Cutler Sports Precinct, the plan focuses on improved access and car parking, increased tree canopy and amenity upgrades. Improvements including revegetation, the upgrade of existing amenities and swimming access are identified at Sandy Beach.

The existing Regand Park is envisioned as a vibrant parkland that offers a range of active and passive recreation opportunities. More intensive uses are focused towards the north at Tamworth Street, while further south the park maintains an emphasis on environmental regeneration and passive recreation. Connection to First Nation's stories and community practices will be woven through the park in the form of interpretive signage, public artwork and cultural spaces.

To the west of Macquarie River at Sir Roden Cutler Park, the proposal includes access improvements for vehicles and pedestrians. The site's steep terrain is utilised as a key design feature, reflecting the park's historic role as a quarry site.

The plan includes the following key design moves:

- ① Existing shared path to Ollie Robbins Oval (including future Events Precinct and Boardwalk)
- ② Upgrades to existing shared path and riparian corridor
- ③ Improved access and amenity at Sir Roden Cutler Park
- ④ Improved access and amenity at Sandy Beach
- ⑤ Improved access and amenity at Lady Cutler Sports Precinct
- ⑥ Existing community garden
- ⑦ Food truck hardstand area
- ⑧ Improved access and amenity at North Regand Park
- ⑨ Improved access and amenity at South Regand Park
- ⑩ Proposed shared path along Macquarie Street
- ⑪ Proposed shared path through future Miriam Development
- ⑫ Improvements to existing shared path across existing footbridge to Taronga Western Plains Zoo



South Precinct

- ① Proposed dog park at Sir Roden Cutler Park
- ② Upgrades to Sir Roden Cutler Park including additional parking, fitness stair, terraced seating and play area.
- ③ Upgrades to existing shared path and riparian corridor
- ④ Existing shared path to Ollie Robbins Oval (including future Events Precinct and Boardwalk)
- ⑤ Pipe open drain and provide new carpark
- ⑥ Improved access and amenity at Lady Cutler Sports Precinct
- ⑦ Improved access and amenity at Sandy Beach
- ⑧ Regrading, revegetation and deflectors in areas of high erosion
- ⑨ Existing community garden
- ⑩ Existing area at North Regand Park
- ⑪ Proposed play space, amenities and lawn at North Regand Park
- ⑫ Proposed Eco Hub facility
- ⑬ Expansion of existing tree planting
- ⑭ Proposed wetlands
- ⑮ Open grassland with tree planting and walking trails
- ⑯ Mud Run event space
- ⑰ Koala feed tree plantation opportunity
- ⑱ Picnic area adjacent to existing weir
- ⑲ Existing shared path connection to Macquarie Street
- ⑳ Proposed shared path connection to future Miriam Development and Taronga Western Plains Zoo



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Area 01 - Active Recreation



- ① New sports amenities building
- ② Pipe open drain and fill
- ③ Carpark (approximately 130 spaces) to provide additional parking for Lady Cutler Sportsfields
- ④ Increased tree planting
- ⑤ Floodlighting for 2x fields
- ⑥ Reconfigure existing path to create buffer from existing eroded river bank
- ⑦ Food truck hardstand area
- ⑧ Upgraded amenities
- ⑨ Improved vehicular circulation
- ⑩ Retention and enhancement of riparian corridor vegetation communities
- ⑪ Existing Disc Golf Tees
- ⑫ Regrading, revegetation and deflectors in areas of high erosion
- ⑬ Proposed carpark (75 spaces) to facilitate sporting precinct



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Area 01 - Active Recreation



Area 02 - Regand Park Overall



- 1 Two way sealed entry road into Regand Park
- 2 One way sealed loop road to provide equitable access to the river and parkland
- 3 River Red Gum planting along river corridor
- 4 Restoration of riparian vegetation communities
- 5 Extension of existing path to connect with future Miriam development
- 6 Series of wetland ponds to improve water quality and provide habitat for birds and wetland plant communities
- 7 Picnic area with a series of shelters, tables, seating, BBQs and amenities with views over the river weir
- 8 Eco Hub facility for organisations including Leader Life, OzFish and local environmental groups
- 9 Walking trails to provide access to bushland for educational and revegetation programs
- 10 Wetland boardwalks with views over the wetland system and bird hides for bird watching
- 11 Open parkland for picnicking and informal ball sports with amenities
- 12 Nature play and discovery park utilising natural elements
- 13 First Nations cultural riverside gardens
- 14 Learning/rest amphitheatres for outdoor classes and storytelling
- 15 Open grassland to maintain open views from residences within Regand Park Estate
- 16 Koala feed tree plantation opportunity
- 17 Mud run event space
- 18 Improve river access for fishing and swimming
- 19 Replace exotic trees along river with endemic riparian species
- 20 Regrading, revegetation and deflectors in areas of high erosion
- 21 Retain and enhance existing storage shed
- 22 Bushland revegetation areas
- 23 Dog off-leash area
- 24 Formalised and inviting arrival into Regand Park



Area 03 - Regand Park North



- ① Two way sealed entry road into Regand Park
- ② River Red Gum planting along river corridor
- ③ Restoration of riparian vegetation communities
- ④ Existing picnic area and loop road
- ⑤ Existing Leader Life building retained
- ⑥ Eco Hub facility buildings
- ⑦ Eco Hub greenhouses and agricultural plots
- ⑧ Open parkland for picnicking and informal ball sports with amenities
- ⑨ Nature play and discovery park utilising natural elements
- ⑩ First Nations cultural riverside gardens
- ⑪ Retain and enhance existing storage shed
- ⑫ Dog off-leash area
- ⑬ Carpark



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Area 03 - Regand Park North



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Area 03 - Regand Park North



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Area 04 - Regand Park South



- ① One way sealed loop road to provide equitable access to the river and parkland
- ② River Red Gum planting along river corridor
- ③ Restoration of riparian vegetation communities
- ④ Series of wetland ponds to improve water quality and provide habitat for birds and wetland plant communities
- ⑤ Picnic area with a series of shelters, tables, seating, BBQs and amenities with views over the river weir
- ⑥ Walking trails to provide access to bushland for educational and revegetation programs
- ⑦ Wetland boardwalks with views over the wetland system and bird hides for bird watching
- ⑧ Improve river access for fishing and swimming
- ⑨ Bushland revegetation areas



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Area 04 - Regand Park South



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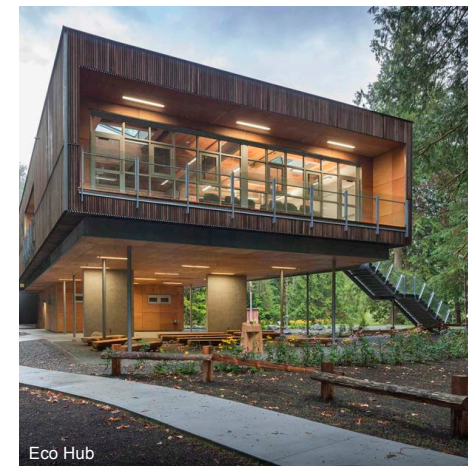
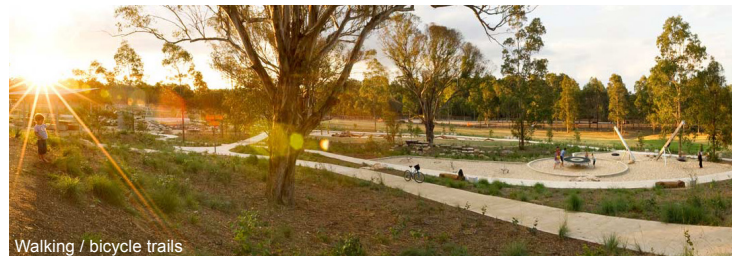
Area 05 - Regand Park South



- ① One way sealed loop road to provide equitable access to the river and parkland
- ② Amenities building
- ③ Walking trails to provide access to bushland for educational and revegetation programs
- ④ Learning/rest amphitheatres for outdoor classes and storytelling
- ⑤ Open grassland to maintain open views from residences within Regand Park Estate
- ⑥ Koala feed tree plantation opportunity
- ⑦ Mud run event space
- ⑧ Bushland revegetation areas



Areas 02-05 - Regand Park



Area 06 - Sir Roden Cutler Park



- ① Motion sensor bollard lighting along path for safety and passive surveillance
- ② Triathlon stairs to connect path and playspaces and fitness activities
- ③ Playground reflecting the history of the quarry site and capitalising on the steep landform to include climbing elements, tunnels and slides
- ④ Sandstone terraced walls provide informal seating, picnic shelters and play opportunities
- ⑤ Access path from West Dubbo and Caravan Park
- ⑥ Retention and enhancement of riparian corridor vegetation communities
- ⑦ Dog off-leash area
- ⑧ Proposed 90 degree parking (12 spaces) along existing internal road



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Area 06 - Sir Roden Cutler Park



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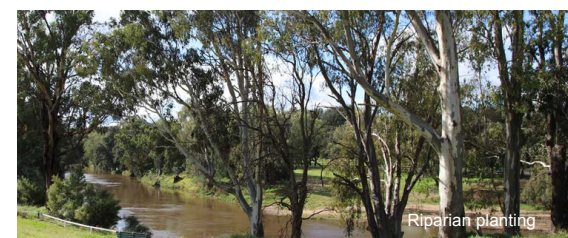
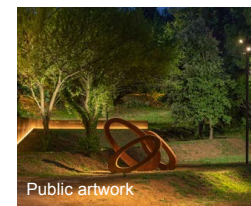
Area 06 - Sir Roden Cutler Park



Area 07 - River Foreshore



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05

Master Plan North Precinct

North Precinct

The plan for the Northern River Precinct has been considered within a wider strategic context to develop a coherent and connected proposal. The plan aims to provide a continuous shared path loop along the riverbank that is connected by a series of bridge crossings.

The design identifies opportunities for enhanced biodiversity, connectivity, passive recreation and play. In addition to improving the existing sporting complex located off the Golden Highway, new active recreation opportunities are identified within the existing Police Paddock along Brisbane Street and across the river in the future North West Development Precinct.

Connection to First Nation's stories and community practices will be woven across the site in the form of interpretive signage, public artwork and cultural spaces.

The plan includes the following key design moves:

- ① Future North West Development Precinct
- ② Future bridge crossing and road network
- ③ Proposed active recreation and open space
- ④ Proposed shared path through enhanced riparian corridor
- ⑤ Improved access and amenity at Devil's Hole
- ⑥ Proposed pedestrian bridge to provide continuous loop
- ⑦ Enhanced park entry with picnic area and footbridge river crossing
- ⑧ Rehabilitation and revegetation within existing reserve as required
- ⑨ Proposed shared path connection to Dubbo Regional Cycling Facility and Charles Sturt University
- ⑩ Existing private land
- ⑪ Proposed sports fields
- ⑫ Proposed picnic lawn and amenities
- ⑬ Flying fox restoration and walking trails within revegetated area
- ⑭ Proposed carpark
- ⑮ Improved access and amenity at existing North Sporting Complex
- ⑯ Revegetation and upgraded shared path through Biddybungie Reserve
- ⑰ New amenities and upgraded play space at Lion's Park West
- ⑱ Existing shared path to Ollie Robbins Oval (including future Events Precinct and Boardwalk)



Macquarie River Master Plan - Draft Master Plan

Area 01 - North Sporting Complex

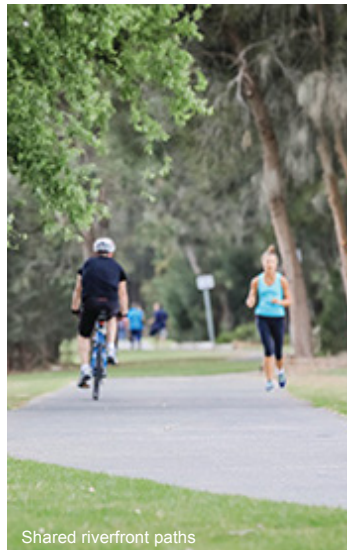


- ① 'River Loop' shared pedestrian/cycle path
- ② Improved vehicular circulation
- ③ Formalised carpark with linemarking
- ④ Shade tree planting
- ⑤ Retention and enhancement of riparian corridor vegetation communities
- ⑥ Boardwalk connections over stormwater channel
- ⑦ Proposed pedestrian bridge to provide continuous shared path loop



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Area 01 - Active Recreation



Macquarie River Master Plan - Draft Master Plan

Area 02 - Police Paddock



- ① Active recreation area
- ② Clubhouse
- ③ Traveller rest stop and dog off-leash park
- ④ Tourist/traveller rest area with vehicular carparking and RV/trailer parking, amenities, shelters, seating, BBQs and dump point
- ⑤ Walking/cycle/horse riding trails for local riders and travellers to reflect the history of the police horses within the paddock
- ⑥ Bat (flying fox) restoration area
- ⑦ Enhance and naturalise existing drainage swale
- ⑧ Formalise portage around weir for kayaks
- ⑨ 'River Loop' shared pedestrian/cycle path
- ⑩ Retention and enhancement of riparian corridor vegetation communities
- ⑪ Boardwalk connections over stormwater channel
- ⑫ Proposed pedestrian bridge to provide continuous shared path loop



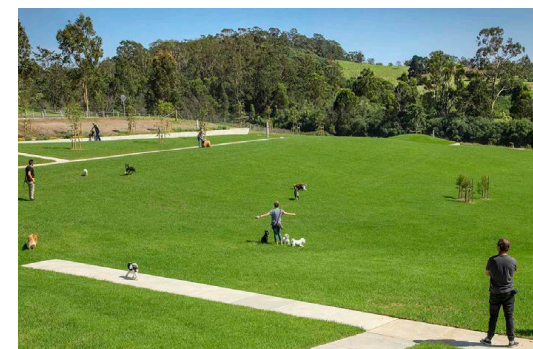
Moir Landscape Architecture & sala4D 75

Area 02 - Police Paddock



Macquarie River Master Plan - Draft Master Plan

Area 02 - Police Paddock



Area 03 - Devil's Hole & NW Open Space



- ① Passive recreation area and off-leash dog beach
- ② Pedestrian bridge crossing creating continuous river loop
- ③ Picnic area with BBQs, shelters, seating and amenities
- ④ Pontoon
- ⑤ 'River Loop' shared pedestrian cycle path (currently private property adjacent to Devil's Hole)
- ⑥ Cycle/Pedestrian path to link with Dubbo Regional Cycling Facility
- ⑦ Signage indicating rest stop along Brisbane Street restricting large trucks
- ⑧ Sporting fields and clubhouse arranged to retain existing trees. Approximate available area of 9 hectares.
- ⑨ Shaded carpark
- ⑩ Retention and enhancement of riparian corridor vegetation communities
- ⑪ Revegetated river parkland



Macquarie River Master Plan - Draft Master Plan

Area 03 - Devil's Hole & NW Open Space



Moir Landscape Architecture & sala4D 79

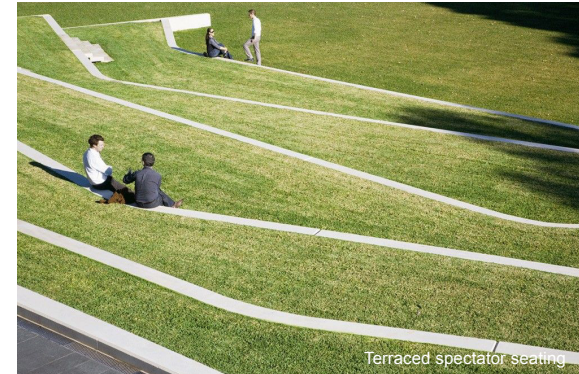
Area 03 - Devil's Hole & NW Open Space



River parkland



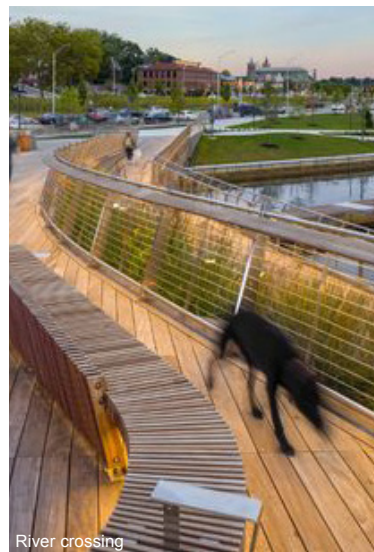
Shelters and seating



Terraced spectator seating



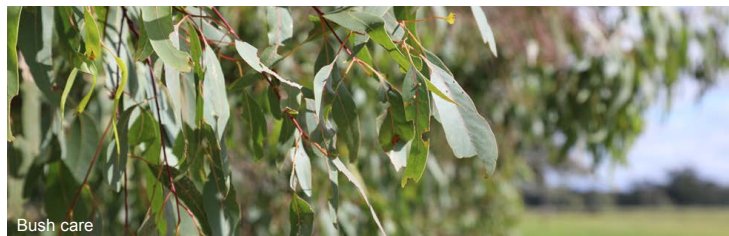
Trails through parkland



River crossing



Boat ramp

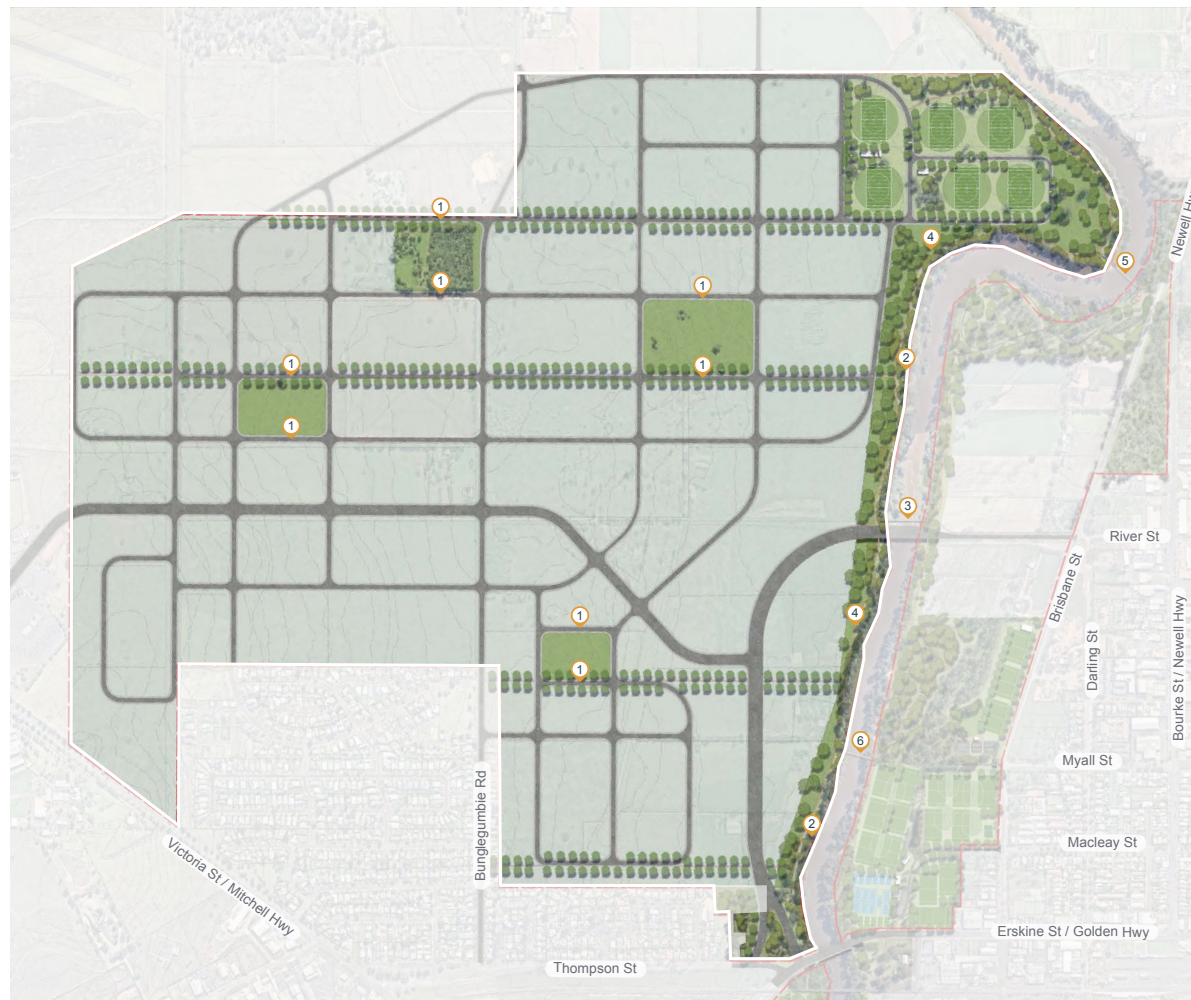


Bush care



Active recreation

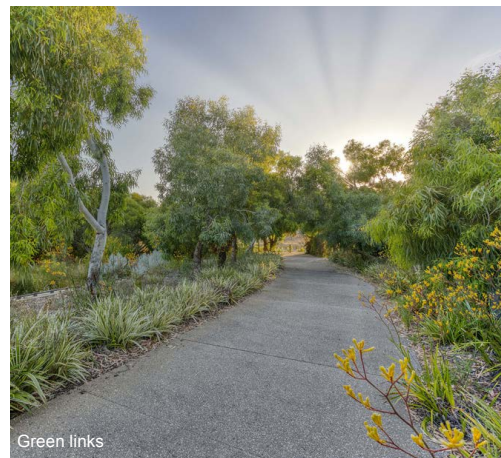
Area 04 - North-west Precinct



- ① Green corridors to connect open space of the North West Urban Release Area with the river corridor
- ② Retention and enhancement of riparian corridor vegetation communities
- ③ Pedestrian footbridge adjacent to proposed vehicular bridge
- ④ 'River Loop' shared pedestrian cycle path
- ⑤ Proposed pedestrian bridge to provide a connection to the new north-west sporting complex and create a continuous shared path loop
- ⑥ Proposed pedestrian bridge to provide a connection to sport and recreation facilities and create a continuous shared path loop



Area 04 - North-west Precinct



Area 05 - Biddybungie Reserve



- ① Upgrade existing path to shared pathway with inclusion of seating
- ② Tree planting to create open woodland and reinstate vegetation along river bank
- ③ Off-road carpark (20 spaces) to facilitate access to Biddybungie Reserve
- ④ On-street 90 degree parking (15 spaces) adjacent to Lion's Park West Playground
- ⑤ Enhanced amenity and access at Lion's Park West
- ⑥ Retention and enhancement of riparian corridor vegetation communities
- ⑦ Native street tree planting along Stonehaven Avenue



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Area 06 - Lion's Park West

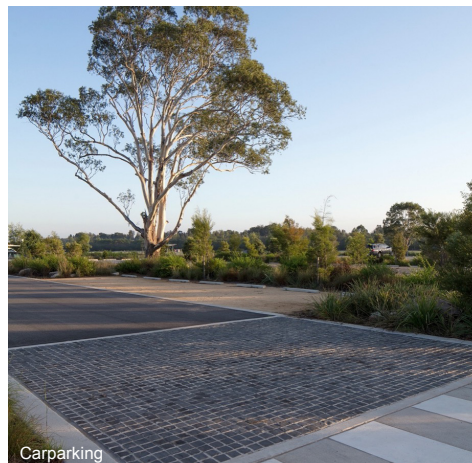
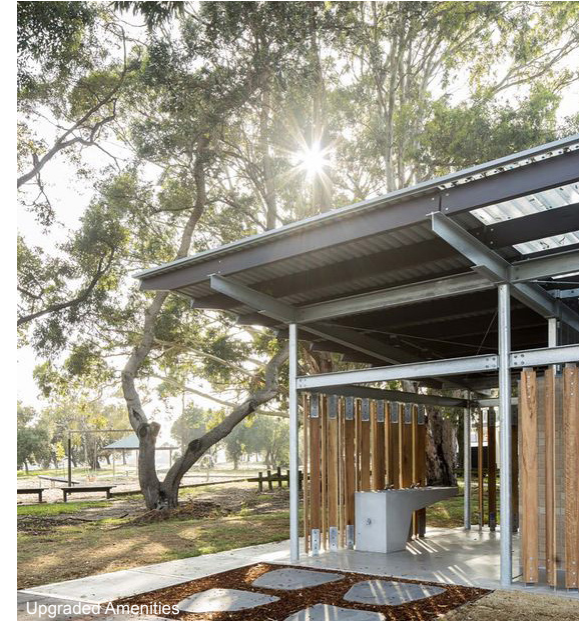


- ① Upgrade existing path to shared pathway with inclusion of seating
- ② Tree planting to create open woodland and reinstate vegetation along river bank
- ③ Off-road carpark (20 spaces) to facilitate access to Lion's Park West
- ④ Upgrade Lion's Park West Playground
- ⑤ Replace existing amenities building
- ⑥ Retention and enhancement of riparian corridor vegetation communities
- ⑦ Native street tree planting along Stonehaven Avenue
- ⑧ Existing boat ramp to include boat wash facilities
- ⑨ Pontoon
- ⑩ On-street 90 degree parking (15 spaces) adjacent to Lions Park Playground

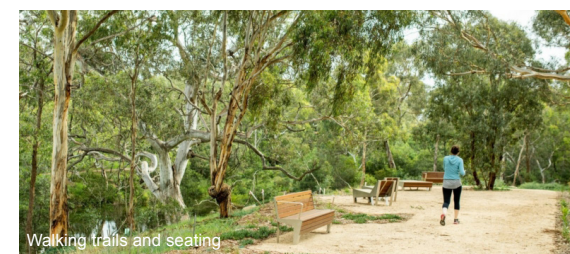


Macquarie River Master Plan - Draft Master Plan

Area 05-06 - Biddybungie Reserve and Lion's Park



Area 07 - River Foreshore



Macquarie River Master Plan - Draft Master Plan

Vehicular Access - Lady Cutler

The Macquarie River Master Plan aims to resolve current traffic and safety concerns, particularly within the existing sporting precincts. The following diagram recommends vehicular access improvements within Lady Cutler Oval, subject to recommendations of a traffic engineer.

The proposed plan includes formalised parking for approximately 440 car spaces across the following areas:

- ① Proposed carpark - approx. 130 spaces
- ② Existing carpark - approx. 30 spaces
- ③ Existing carpark - approx. 85 spaces
- ④ Existing carpark - approx. 30 spaces
- ⑤ Proposed 90 degree on-street parking - approx. 45 spaces total
- ⑥ Existing carpark - approx. 25 spaces
- ⑦ Proposed carpark - approx. 75 spaces
- ⑧ Existing carpark - approx. 20 spaces

- Site boundary
- Site access
- Two-way road access
- - - One-way road access
- On-street parking (formalised)
- ▭ Carpark
- Food truck parking (2-3 spaces)



Vehicular Access - North Sporting Complex

The following diagram recommends vehicular access improvements within the North Sporting Complex, subject to recommendations of a traffic engineer.

The proposed plan includes formalised parking for approximately 240 car spaces and 5 trailer/RV spaces across the following areas:

- ① Proposed carpark - approx. 40 car spaces; 5 trailer/ RV spaces
- ② Formalised on-street 90 degree carpark - approx. 30 spaces
- ③ Proposed on-street parallel parking - approx. 10 spaces
- ④ Formalised on-street 90 degree carpark - approx. 60 spaces
- ⑤ Proposed carpark expansion - approx. 100 spaces

- Site boundary
- Site access
- Two-way road access
- - - One-way road access
- ||||| 90 degree on-street parking (formalised)
- Carpark
- Food truck parking (2-3 spaces)



Macquarie River Master Plan - Draft Master Plan

Pedestrian and Cycle Movement - South

A primary focus of the Master Plan is to increase accessibility for pedestrians and cyclists. The Master Plan proposes an expansive network of shared paths linking with existing networks to provide continuous loops throughout the Macquarie River corridor and surrounding area. The following diagram identifies a shared path and pedestrian network within the Southern River Precinct and surrounding connections to key destinations.

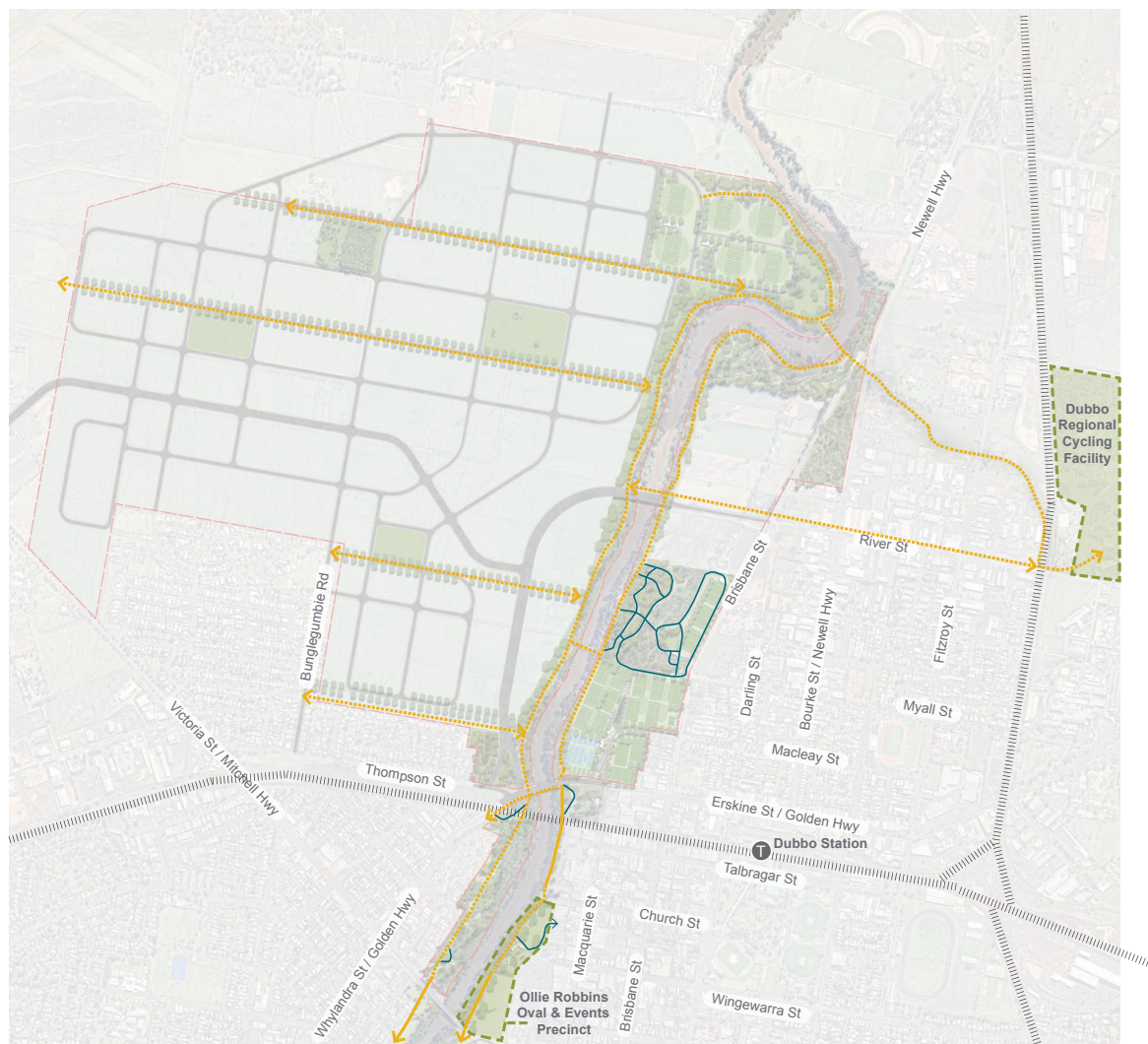
- Site boundary
- ||||| Train line
- Existing shared path
- Proposed shared path
- Secondary path
- Key destination



Pedestrian and Cycle Movement - North

The following diagram identifies a shared path and pedestrian network within the Northern River Precinct and surrounding connections to key destinations. Major green shared path connections are also identified within the future North West Development Area.

- Site boundary
- ||||| Train line
- Existing shared path
- Proposed shared path
- Secondary path
- Key destination



Macquarie River Master Plan - Draft Master Plan

Proposed Amenity

The proposed Macquarie River Master Plan offers a wide range of facilities including active recreation, trails, carparks, playgrounds, picnic areas and amenities buildings.

The Master Plan provides the following:

Proposed Item	Quantity
Active recreation	10 ha
Trails	28km
Carparking spaces	680
RV/trailer parking spaces	5
Playgrounds	3
Picnic areas	5
Amenities buildings	7
Off-leash Dog Park	2
Footbridge river crossing	3

Cover Page

Macquarie River North and South Precincts Master Plan

Page 1

Guiding Principles for Design

Guiding principles

ACTIVE RECREATION: Maintain and enhance active recreation amenity

SWIMMING AND FISHING: Provide access to water for swimming and fishing

PATHS: Provide a hierarchy of path types throughout the parkland

RIPARIAN: Enhance the riparian corridor

NATURAL: Use natural material

WETLAND: Provide wetland environments

AMENITY: Provide basic park amenity

ENVIRONMENT: Increase bushland area

WATER: Provide better connections to water



1. Do you think these principles are what the community want?

A. Yes

B. No

2. If not, what else should be included?

3. What recreational facilities do you use the most?

- Sporting facilities / ovals
- Walking tracks / cycleways
- Water park
- Dog park (leash free)
- Picnic parks
- Olympic pool
- Fishing
- Outdoor gyms
- Other _____

4. Do you find the recreational activities easily accessible?

- Yes
- No
- Sometimes

5. What do you like most about Dubbo's recreational facilities?

- Variety/choice
- Facilities/Play Equipment
- Sporting Facilities
- Free (No cost)
- Maintained/Clean
- Shade Structures/Shade Trees
- Natural Environment
- Showcase the River
- Accessible/Close to Town
- River Walks/Tracks
- Open Space
- Other _____

6. What do you dislike most about Dubbo's recreational facilities?

- Untidy/Poor Maintenance
- Lack of Shade
- No Alternative Sports
- Cost/Rates
- Native Planting
- Poor Variety
- Lack of Seating
- Lack of Bins
- Disconnected Walking Tracks
- Vandalism
- Nothing
- Other _____

7. Other recreational facilities suggestions?

- Water Park/Aquatic Centre
- Grandstand
- Swimming Pool (all year use)
- Adventure Playground
- Vendors/Kiosk/Café
- Education/Signage
- Additional Cycle Paths
- Man-made Lake
- Nothing
- Other _____

8. Do you feel safe using riverside parkland?
- Very safe
 - Mostly safe
 - Safe
 - Relatively safe
 - Unsafe

Is current car parking adequate?

- Excellent
- Mostly adequate
- Adequate
- Relatively adequate
- Inadequate

9. How highly do you value the natural habitat?

- Highly Valued
- Mostly Valued
- Valued
- Indifferent
- Not Valued

10. How important is access to the Macquarie River?

- Very important
- Quite important
- Important
- Relatively important
- Not important

11. How regularly would you visit the Macquarie River foreshore area?

- Daily
- Frequently (Weekly)
- Sometimes (Monthly)
- Hardly (Yearly)
- Never

12. What recreational activities do you use the Macquarie River for most?

- Fishing
- Boating/Kayaking
- Swimming
- Walking
- Cycling
- Observing Wildlife
- Picnic/Lunch
- Visit Beach

Southern River Precinct

Spatial Concept Plans

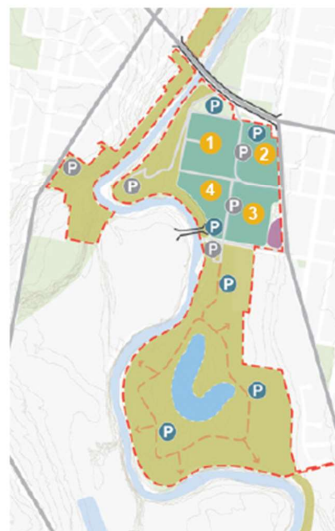


Option 1

- 2 x additional active recreation areas within Regand Park
- Develop remainder of Regand Park as passive recreation area with a strong focus on environmental rehabilitation and restoration

Cons

- Increased traffic load on Tamworth Street with no option for remediation

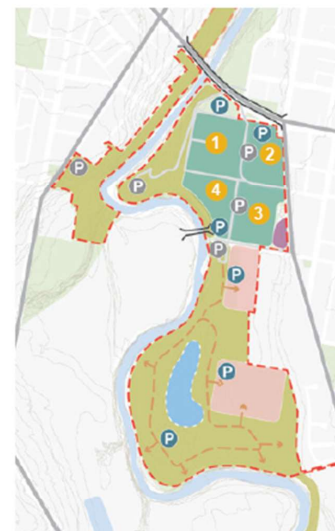


Option 2

- No new active recreation areas within Regand Park
- Develop Regand Park as a passive recreation area with a strong focus on environmental rehabilitation and restoration

Cons

- Location of additional active recreation to be found elsewhere



Option 3

- 2 x new areas for agricultural/horticultural use within Regand Park
- Develop remainder of Regand Park as passive recreation area with a strong focus on environmental rehabilitation and restoration

Cons

- Location of additional active recreation to be found elsewhere

Existing environmental / open space
105ha

Proposed environmental / open space

Option 1: 90ha

Option 2: 100ha

Option 3: 90ha

Existing active recreation facilities

- 1 Lady Cutler Oval
 - 4 turf cricket pitches
 - 4 synthetic practice nets
 - 4 soccer fields
 - Amenities and canteen
- 2 Lady Cutler Oval East
 - 2 soccer fields
 - 4 junior soccer fields
 - Amenities
- 3 Riverbank Oval
 - 4 soccer fields
 - 1 synthetic & 1 turf cricket pitch
 - Amenities
- 4 Lady Cutler Oval South B
 - 8 junior soccer fields
 - 3 synthetic cricket pitches

Additional active recreation opportunities

- 5 Regand Park North
 - 10 x touch fields
 - OR 4 x rugby fields
 - (2 x international + 2 x mod)
 - On-site parking
- 6 Regand Park South
 - 20 x touch fields
 - OR 7 x rugby fields
 - (5 x international + 2 x mod)
 - On-site parking

13. For the Southern River Precinct, which option is your preference?

- A. Option 1
- B. Option 2
- C. Option 3

14. If active recreation is allowed within the Southern River Precinct, what should it include? (Choose two)

- Mud run / similar events
- Horse riding and activities
- Golf driving range
- Disk golf
- Sports fields
- Beach volleyball
- Playground
- Bicycle and walking paths
- Other _____

15. If environmental use is allowed within the Southern River Precinct, what should it include? (Choose two)

- Swimming
- Wetlands
- Botanic garden
- First Nations' cultural space
- Playspace
- Picnic areas
- Art
- Open areas for unstructured recreation
- Walking trails
- Mud run / similar events
- Interpretative signage
- Other _____

16. If agricultural/horticultural use is allowed within the Southern River Precinct, what should it include? (Choose two)

- Youth agricultural education
- Community gardens
- Horse stabling
- Market gardens
- First Nations' food production
- Agricultural demonstrations

Northern River Precinct

Spatial Concept Plans



Option 1

- 4 x additional active recreation areas, including within existing private land parcels and the northwest urban release area
- Environmental / general recreation zones along river corridor

Cons

- Increased traffic load



Option 2

- 3 x additional active recreation areas, including within part of existing private land parcels and the northwest urban release area
- Dedicated environmental / general recreation zone north of the proposed highway

Cons

- Increased traffic load



Option 3

- 1 x additional active recreation area within the northwest urban release area
- Dedicated environmental / general recreation zone north of existing active recreation areas

Cons

- Location of additional active recreation to be found elsewhere

Existing environmental / open space

75ha (public) + 30ha(private)

Proposed environmental / open space

Option 1: 80ha

Option 2: 100ha

Option 3: 105ha

Indicative within Northwest Precinct: 16ha

Existing active recreation facilities

- 1** Nita McGrath Courts
 - 15 sealed netball courts
 - 5 turf netball courts
 - Dubbo Netball Association clubhouse
- 2** Katrina Gibbs Fields
 - 3 touch fields
- 3** John McGrath Oval
 - 2 synthetic cricket pitches
 - 6 touch fields
 - Dubbo Touch Association clubhouse
- 4** Bob Dowling Oval
 - 4 touch fields
 - 4 synthetic cricket pitches
 - 4 cricket practice nets

Additional active recreation opportunities

- 5** Police Paddock
 - 25-30 x netball courts
 - OR 5 x touch fields
 - On-site parking
- 6** Private land south
 - 8 x touch fields
 - OR 5 x rugby fields
 - (3 x international + 2 x mod)
 - On-site parking
- 7** Private land north
 - 20 x touch fields
 - OR 11 x rugby fields
 - (7 x international + 4 x mod)
 - On-site parking
- 8** North-west urban release area
 - 10 x rugby fields
 - (6 x international + 4 x mod)
 - On-site parking

17. For the Northern River Precinct, which option is your preference?

- A. Option 1
- B. Option 2
- C. Option 3

18. If active recreation is allowed within the Northern River Precinct area, what should it include: (choose two)

- Mud run / similar events
- Horse riding and activities
- Golf driving range
- Disk golf
- Sports fields
- Beach volleyball
- Playground
- Bicycle and walking paths
- Other _____

19. If environmental use is allowed within the Northern River Precinct, what should it include? (Choose two)

- Swimming
- Wetlands
- Botanic garden
- First Nations' cultural space
- Playspace
- Picnic areas
- Art
- Open areas for unstructured recreation
- Walking trails
- Mud run / similar events
- Interpretative signage
- Other _____

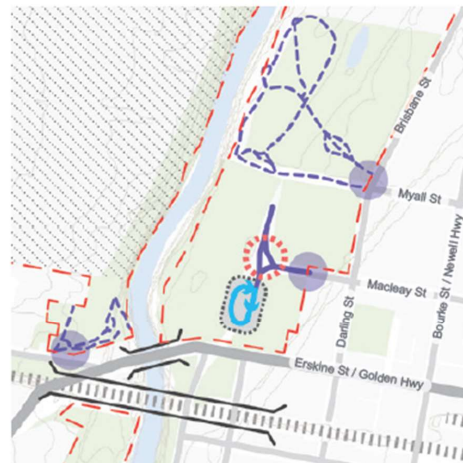
20. If agricultural/horticultural use is allowed within the Northern River Precinct, what should it include? (Choose two)

- Youth agricultural education
- Community gardens
- Horse stabling
- Market gardens
- First Nations' food production
- Agricultural demonstrations
- Other _____

Northern Active Recreation Precinct

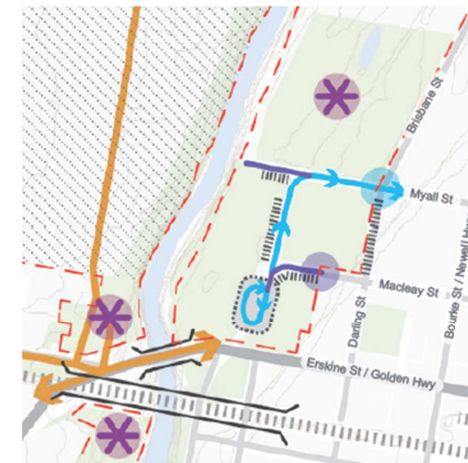
Vehicular Access

- Site boundary
- Major road
- Secondary road
- Proposed highway
- Internal two-way road - unsealed/informal
- Internal two-way road - sealed
- Internal one-way road - sealed
- ✱ Future connection
- Two-way entry/exit
- One way in/out
- ||||| On-street parking (formalised)
- Carpark
- Existing traffic congestion
- / / / / Future development precinct



Existing problems

- Poor traffic flow at peak sporting times
- Limited parking that is mostly informal



Proposed solutions

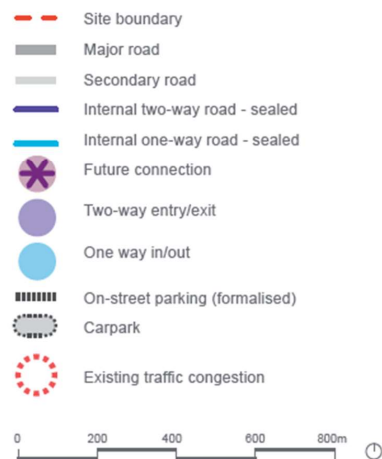
- Connect internal streets with one-way network
- Provide additional on-street parking areas

21. Do you think these suggested changes to vehicular access around the Northern Active Recreation Precinct will improve traffic flow?

- A. Yes
- B. No

Lady Cutler Oval

Vehicular Access Improvements



Existing problems

- Poor traffic flow at peak sporting times
- Limited parking



Proposed solutions

- Connect internal streets
- Change some streets to one-way
- Provide additional on-street and off-street parking areas

22. Do you think these suggested changes to vehicular access around Lady Cutler Oval will improve traffic flow?

- A. Yes
- B. No

23. What is your email address?



Introduction

Purpose of the Study

Through the delivery of the Macquarie River North and South Precincts Master Plan, Dubbo Regional Council is committed to achieving the best outcome based on the most accurate data to determine the needs of the community. The implementation of the plan is intended to be an ongoing process that will adapt to ongoing community needs, rather than working to a predetermined timeframe.

The purpose of this study is to provide a high-level assessment of open space and recreation opportunities within the Dubbo region, and understand the community demand now, and into the future. The development of the Landscape Master Plan has focused on the provision of sporting fields within the Macquarie River foreshore area without a clear understanding of future demands and opportunities within the wider region.

This study has been prepared as an appendix to the Macquarie River North and South Precincts Master Plan Report and is intended as a brief overview of existing and future demands for open space and recreation opportunities within the Dubbo Regional Local Government Area (LGA). In addition to this document, the Dubbo Regional Council Chief Executive Officer will produce a report at the same Ordinary Meeting of Council, at which the Draft Master Plan will be considered. The report will detail all available Council owned or administered land that could be used for passive open space and sporting fields, in order to best inform Councillors and the community on current and future demands considerate of population projections and future development within the Dubbo region.

Growth of the Dubbo Region

The Dubbo Regional LGA includes the city of Dubbo, the town of Wellington and the villages of Geurie, Wongarbron, Stuart Town, Mumbil, Ballimore, Elong Elong and Eumungerie. The LGA occupies an area of 7,536km² across the central western plains of NSW. The 2020 Local Strategic Planning Statement prepared by Dubbo Regional Council identifies the region as a key strategic centre for inland NSW and anticipates considerable growth and transformation over the next two decades.

The population for the LGA is expected to grow from approximately 56,000 in 2022 to around 65,000 in 2040, of which approximately 84% are located in the city of Dubbo.

Dubbo's projected population growth needs to be sustainably planned to ensure the adequate provision of infrastructure and services. The sufficient provision of accessible and equitable open space, including both active and passive recreation should be considered to maintain a liveable, healthy and climate resilient city.

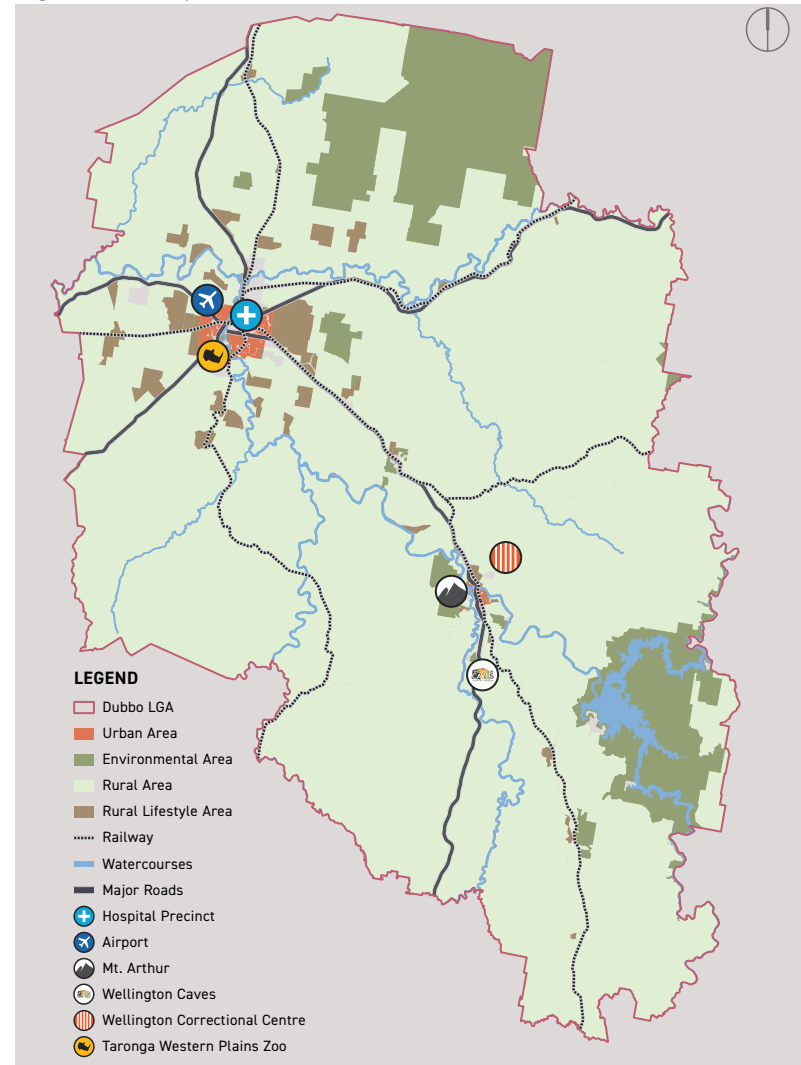
Dubbo Regional LGA:



Dubbo:



Regional Context Map



Excerpt from Local Strategic Planning Statement, DRC (2020), p.9

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Existing Open Space Provision

Existing Dubbo Open Space Network

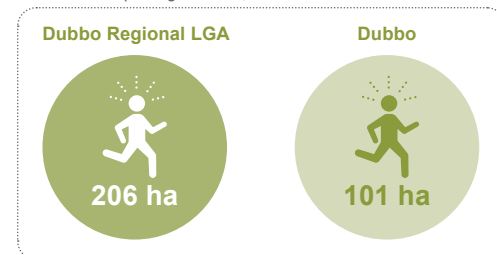
Dubbo LGA's existing open space network is distributed across the region in the form of sporting facilities, public parks and landcare reserves. Dubbo Regional Council's strategic documentation has predicted a shortfall in the passive open space offering for the region, and an even greater deficit in its sporting fields and facilities offering in the wake of a steadily growing population.

The location of existing public open space and recreational facilities within Dubbo City is identified in the analysis diagrams in Chapter 03 of this report. The following sections provide a current breakdown of open space that is managed by Council within the Dubbo Regional LGA.

Existing Sporting Facilities

Within the Dubbo Regional LGA, sporting facilities are recognised as areas where active recreational activities occur, generally in the form of organised sport. These areas include synthetic and turf surfaces, as well as supporting facilities.

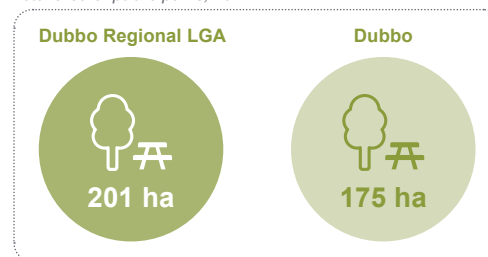
Total area of sporting facilities, 2022:



Existing Public Parks

Within the Dubbo Regional Council LGA public parks refer to areas that are set aside for passive recreation. These are categorised as Regional, District, local or general infrastructure, according to the level of amenity, accessibility and size and quality. Facilities include playgrounds, skateparks, kiosks, amenities, pathways/cycleways, BBQs and lawn areas.

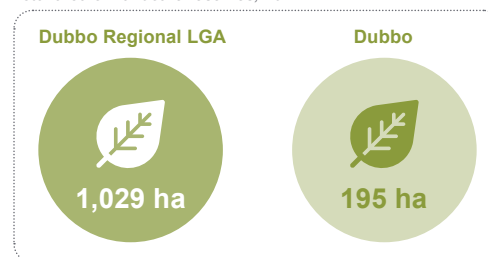
Total area of public parks, 2022:



Landcare Reserves

Landcare reserves are protected environmental areas managed by Council for their biodiversity value, water quality management and opportunities for research and learning. These spaces may offer low impact passive recreation opportunities and may be co-located with public parks. Features include native bushland, trees, water features, pathways, carparking and amenities.

Total area of Landcare reserves, 2022:



Macquarie River Foreshore

Both the north and south precincts of the Macquarie River foreshore area contain existing sporting complexes that include turf fields, netball courts, parking and amenities that service a number of sporting groups.

The table on the following pages provides a current breakdown of the sporting clubs associated with the Macquarie River North and South Precincts. As member intake continues to rise, the clubs have expressed concern over increasing pressures on current sporting facilities. As well as providing new active recreation areas, the Macquarie River North and South Precincts Master Plan identifies opportunities to improve the capacity and quality of existing sporting areas through moves such as a rationalised vehicular and pedestrian network, increased and formalised car parking, additional lighting and new club facilities. In addition to this, it is recommended that further investigation be undertaken to determine opportunities for new and improved sporting facilities within the wider Dubbo region.

Dubbo Region Sporting Club Statistics 2022

Sporting Club	Category	Member No.	Training Location	Competition Location	Pre-season Training Location	Notes
Dubbo Rhinos Rugby Club	Seniors	65	Katrina Gibbs Oval	Apex Oval main field	Katrina Gibbs Oval	
Dubbo Rugby Club	Total	152	Victoria Park No. 2/3 Oval	Victoria Park No. 1 Oval	Barden Park	
	Juniors	32				
	Seniors	120				
Dubbo Junior Rugby Club	Total	290	Victoria Park No. 2/3 Oval	Victoria Park No. 2/3 Oval	St Johns College	Running at capacity for training on a Monday, Tuesday and Thursday for training at Victoria Park. Running at capacity for wallas on a Friday night at Victoria Park
	Juniors	160				
	Wallas	130				
Dubbo District Football Association	Total	2351	Seniors - Lady Cutler East, Hans Claven Oval, Pioneer Oval	Seniors (winter) - Lady Cutler and Riverside (Pavans) Seniors (summer) - Lady Cutler East	Seniors - Hans Claven Oval, Lady Cutler East and Riverside (Pavans)	Running at capacity for senior training given have access to limited sporting ovals with lighting. Some clubs are training with 5 teams on one field. Lady Cutler East is overused all year round due to winter training and summer competition
	Junior 5-12	1340	Juniors - Riverside (Pavans), Lady Cutler East, Hans Claven, Pioneer Oval, Lady Cutler, Lady Cutler South	Juniors - Lady Cutler, Riverside (Pavans), Lady Cutler East and Lady Cutler South		
	Youth 13-18	450				
	Senior 19+	561				
Dubbo District Junior Cricket Association	Total	547	Lady Cutler, Riverside (Pavans), Lady Cutler South, John McGrath Oval, Bob Dowling Oval, South Dubbo Oval, Lady Cutler West and East Nets, Bob Stroud Nets, Dave Martin Nets	Lady Cutler, Victoria Park 2 &3, Riverside (Pavans), Lady Cutler South, John McGrath Oval, Bob Dowling Oval, Jubilee Oval, Pioneer Oval, Wellington	Lady Cutler West and East Nets, Bob Stroud Nets, Dave Martin Nets	
	Juniors	450				
	Master and Junior Blasters	97				
Dubbo District Cricket Association	Total	414	Lady Cutler, Riverside (Pavans), Lady Cutler South, John McGrath Oval, Bob Dowling Oval, South Dubbo Oval, Lady Cutler West and East Nets, Bob Stroud Nets, Dave Martin Nets	Lady Cutler, Victoria Park 1,2 &3, Riverside (Pavans), Lady Cutler South, John McGrath Oval, Bob Dowling Oval	Lady Cutler West and East Nets, Bob Stroud Nets, Dave Martin Nets	
	Senior teams	27				
Dubbo Netball Association	Total	1537	Nita McGrath Netball Courts	Nita McGrath Netball Courts		No further opportunity to expand hard courts at their current location. Currently not at capacity but in previous years have been close to capacity.
	Junior teams	116				
	senior teams	48				

Dubbo Region Sporting Club Statistics 2022

Dubbo CYMS RLFC	Total	80	Apex Oval Outer Fields	Apex Oval main field	Bob Dowling Oval and Pioneer Oval	
	Juniors	25				
	Seniors	55				
Dubbo Macquarie Raiders RLFC	Total	111	Apex Oval Outer Fields	Apex Oval main field	John McGrath Oval	
	Juniors	31				
	Seniors	88				
Goannas Western Women's Rugby League	Total	115	Apex Oval Outer Fields, Jubilee Oval and South Dubbo Oval	Apex Oval	NA	
	Juniors	75				
	Seniors	60				
South Raiders JRLFC	Total	357	Apex Oval Outer Fields	Apex Oval Outer Fields & Jubilee Oval	Katrina Gibbs Oval, John McGrath Oval & Jubilee Oval	
	Juniors	357				
St Johns JRLFC	Total	517	Apex Oval Outer Fields	Apex Oval Outer Fields & Jubilee Oval	Jubilee Oval and Bob Dowling Oval	At capacity for training across Apex Oval Outer Fields and Jubilee Oval on a Wednesday and Friday.
	Juniors	517				
Dubbo District Junior Rugby League Association	Total	1654	Apex Oval Outer Fields	See above St Johns & South Raiders	NA	Dubbo District JRL includes St Johns 517, Narromine 239, Nyngan 169, South Dubbo 357, Warren 113, Wellington 109 and Cobar 150. Each week games are played across the various towns. Dubbo some weeks are at capacity for competition on the Apex Oval Outer Fields
	Juniors	1654				
Dubbo Triathlon Club	Total	41	Dubbo Aquatic Leisure Centre & Dubbo Regional Cycling Facility	Ollie Robbins Oval	NA	
	Juniors	9				
	Seniors	33				
Dubbo Cycle Club	Total	159	Dubbo Regional Cycle Facility	Dubbo Regional Cycle Facility		
	Seniors	113				
	Juniors	46				
Dubbo Ultimate Frisbee Federation	Total	100	South Dubbo Oval	South Dubbo Oval	NA	
	Juniors	10				
	Seniors	90				
Dubbo Junior AFL Club	Total	90	South Dubbo Oval	South Dubbo Oval	South Dubbo Oval	
	Juniors	90				
Dubbo Demons AFL Club	Total	86	South Dubbo Oval	South Dubbo Oval	South Dubbo Oval	
	Seniors	86				

Dubbo Region Sporting Club Statistics 2022

Dubbo Touch Association	Total	1836	John McGrath Oval, Katrina Gibbs Oval & Bob Dowling Oval	Summer Seniors & Juniors - John McGrath Oval, Katrina Gibbs Oval & Bob Dowling Oval Winter - Katrina Gibbs Oval	NA	Dubbo Touch junior competition is at capacity as increased by 200 junior players from 2021 to 2022. Teams had to be turned away. Dubbo Touch mixed competition is getting close to capacity in summer and is a capacity for winter on a Monday. John McGrath Sports Lighting project will allow expansion of the junior and senior competition.
	Juniors	792				
	Seniors	1044				
Dubbo OZ Tag			NA	Katrina Gibbs Oval & Apex Oval Outer Fields	NA	Oz Tag is a new club to Dubbo. Finding a sporting oval to run their competition was challenging. They are having to play across two different locations based on availability.
Dubbo City Softball Association	Total		Jubilee Oval	Jubilee Oval	Jubilee Oval	
Dubbo Athletics Club	Total	262	Barden Park	Barden Park	Barden Park	

Future Open Space Planning

Dubbo Regional LGA

In the context of a growing community, it is important that opportunities for future open space developments are identified and are planned and developed in a way that fulfils the needs of the community. Both private open space developments as well as public developments will be required.

At present, the total minimum area of planned additional open space known to Council is approximately 150 ha, this includes sporting facilities, passive recreation, and potential environmental reserves. Opportunities for new open space offerings have been identified in Urban Release Areas, as well as councils ongoing commitment to improving existing open space.

Macquarie River Foreshore

The Macquarie River North and South Precincts Master Plan identifies an opportunity to strengthen open space provision within future development areas planned for West Dubbo, with an area ranging from 44-60 hectares of public open space including parks and urban landcare reserves, proposed within the future North West Development Precinct.

In addition to the upgrade of existing infrastructure, the Macquarie River North and South Precincts Master Plan identifies opportunity for new facilities, including playgrounds, picnic areas and amenities buildings, as well as increased accessibility, and capacity through improved vehicular, pedestrian and cycling access. capacity through improved vehicular, pedestrian and cycling access. The master plan includes 10ha of active recreation, with opportunity to expand existing sporting complexes across the two precincts. The proposal aims to cater for growing demands for existing sporting clubs located on the site, alongside the consideration of site constraints, such as flooding and environmental conservation, and Dubbo's wider strategic context.

Proposed Macquarie River North-West Precinct



CCL22/325 Dubbo Regional Council - Alcohol Free Zones - Reinstatement for 2023

Attachment 1: Reinstatement of Alcohol Free Zones - 2022230

DUBBO ALCOHOL FREE ZONE

All the public roads, footpaths and public car parks in the following designated area :-

- (a) Whylandra Street (Newell Highway) from its northern intersection with Baird Street to the Emile Serisier Bridge, the Emile Serisier Bridge, and Erskine Street from the Emile Serisier Bridge to its western intersection with Bligh Street.
- (b) Victoria Street (Mitchell Highway) from its eastern intersection with the main western railway line to the western end of the L H Ford Bridge.
- (c) The L H Ford Bridge
- (d) The area bounded by the following, starting from a point at the NW corner of Bligh and Erskine Streets, south along Bligh Street to Talbragar Street, east along Talbragar Street to the NW corner of Talbragar and Macquarie Streets, the north along Macquarie Street to the NW corner of Macquarie and Erskine Streets, then east along Erskine Street to the NE corner of Erskine and Bourke Streets, then south across Erskine Street to the SE corner of Bourke and Erskine Streets, then west along Erskine Street to the SE corner of Erskine and Darling Streets, then south along Darling Street to the SE corner of Darling and Cobra Streets, then west along Cobra Street to the SW corner of Cobra and Macquarie Streets then north along Macquarie Street to the SW corner of Macquarie and Bultje Streets, then west along Bultje Street to the SW corner of Bultje and Bligh Streets, then north along Bligh Street to the point of commencement being the NW corner of Bligh and Talbragar Streets.
- (e) The car park area bounded by but not including Macquarie Lions Park, Macquarie, Talbragar and Bligh Streets.
- (f) The area bounded by the following starting from a point at the NE corner of the intersection of Alfred and Whylandra Streets, east along Alfred Street to Stonehaven Avenue, south along Stonehaven Avenue to Victoria Street, east along Victoria Street to its eastern end, west along Victoria Street to Beni Street and north along Beni Street to Alfred Street.

Description of Neighbourhood Shopping Centre Alcohol Free Zones

Tamworth Street Shopping Centre

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by the following, starting from a point at the NW corner of Fitzroy Street and Tamworth Street, east along Tamworth Street to the NW corner of Tamworth Street and Taylor Street, south across Tamworth Street to the SW corner of Tamworth Street and Taylor Street, west along Tamworth Street to the SE corner of Tamworth Street and Sterling Street, south along Sterling Street to the NE corner of Sterling Street and Hutchins Avenue, west across Sterling Street to the NW corner of Tamworth Street and Sterling Street, north along Sterling Street to the SW corner of Tamworth Street and Sterling Street, west along Tamworth Street to the SE corner of Tamworth Street and Jubilee Street, south along Jubilee Street to the NE corner of Jubilee Street and Hutchins Avenue, west across Jubilee Street to the NW corner of Jubilee Street and Hutchins Avenue, north along Jubilee Street to the SW corner of Jubilee Street and Tamworth Street, west along Tamworth Street to the SW corner of Tamworth Street and Fitzroy Street and north across Fitzroy Street to the point of commencement being the NW corner of Tamworth Street and Fitzroy Street.

Boundary Road Shopping Centre

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by the following, starting from a point at the SW corner of Fitzroy Street and Naman Street, south along Fitzroy Street to the SW corner of Fitzroy Street and Boundary Road, east along Boundary Road to the SW corner of Boundary Road and Tink Avenue, north across Boundary Road to the NW corner of Boundary Road and Tink Avenue, west along Boundary Road to the NE corner of Boundary Road and Jubilee Street, north along Jubilee Street to the SE corner of Jubilee

Street and Sanderson Street, west across Jubilee Street to the SW corner of Jubilee Street and Sanderson Street, south along Jubilee Street to the NW corner of Jubilee Street and Boundary Road, west along Boundary Road to the NE corner of Boundary Road and Fitzroy Street, north along Fitzroy Street to the SE corner of Fitzroy Street and Naman Street and west across Fitzroy Street to the point of commencement being the SW corner of Fitzroy Street and Naman Street.

Orana Mall Shopping Centre

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by the following, starting from a point at the NW corner of Wheelers Lane and Birch Avenue, south along Wheelers Lane to the SW corner of Wheelers Lane and Cobra Street, east along Cobra Street to the SW corner of Cobra Street and Royal Parade, north across Cobra Street and Windsor Parade to the NW corner of Windsor Parade and Royal Parade, north along Windsor Parade to the NE corner of Windsor Parade and Birch Avenue, west along Birch Avenue to the point of commencement being the NW corner of Wheelers Lane and Birch Avenue.

Minore Road Shopping Centre / Delroy Park Precinct

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by the following, starting from a point at the NW corner of Carnegie Avenue and Baird Drive, south along Baird Drive to the SW corner of Baird Drive and Minore east along Minore Road to the SE corner of Minore Road and Pinehurst Avenue, north across Minore Road to the NE corner of Minore Road and Pinehurst Avenue, west along Minore Road to the NE corner of Baird Drive and Minore Road, north along Baird Drive to the SE corner of Baird Drive and Torvean Avenue, east along Torvean Avenue to the SW corner of Torvean Avenue and Dalbeattie Crescent, north across Torvean Avenue to the NW corner of Torvean Avenue and Dalbeattie Crescent, west along Torvean Avenue to the NE corner of Baird Drive and Torvean Avenue and west across Baird Drive to the point of commencement being the NW corner of Baird Drive and Carnegie Avenue.

Myall Street Shopping Centre

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by the following, starting from a point at the NW corner of Braun Avenue and Houston Drive, south along Braun Avenue to the SW corner of Myall Street and Braun Avenue, east along Myall Street to the SE corner of John Glenn Place and Myall Street, north across Myall Street to the NE corner of Myall Street and John Glenn Place, north along John Glenn Place to the SE corner

of John Glenn Place and Voyager Way, west across John Glenn Place to the SW corner of John Glenn Place and Voyager Way, south along John Glenn Place to the NW corner of John Glenn Place and Myall Street, west along Myall Street to the NE corner of Braun Avenue and Myall Street, north

along Braun Avenue to the NE corner of Braun Avenue and Houston Drive and west across Braun Avenue to the point of commencement being the NW corner of Braun Avenue and Houston Drive.

Bourke Street Shopping Centre

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by the following, starting from a point at the SW corner of Bourke Street and Macleay Street, south along Bourke Street to the NW corner of Bourke Street and Erskine Street, east across Bourke Street to the NE corner of Bourke Street and Erskine Street, north along Bourke Street to the SE corner of Bourke Street and Macleay Street, west across Bourke Street to the commencement point being the SW corner of Bourke Street and Macleay Street.

Dubbo Showground/Apex Park Precinct:

All the public roads, footpaths and public car parks in the following designated area:-

The area bounded by these streets:

NW from Talbragar St, Gipps St. NS Fitzroy St to Wingewarra St, SE along Wingewarra St, past; Hopetoun St, Short St, Hampden St, Strickland St, Chelmsford St. South along Chelmsford St till Cobra St. SE along Cobra St to Hawthorn St. Including Kokoda Pl.

Proposed Wellington Alcohol Free Zone

All the public roads, footpaths and public car parks in the following designated areas:-

The public car park bounded by Percy, Maughan, Arthur and Swift streets

Lee Street from its southern intersection with the Lee Street road bridge to its northern intersection with Warne Street

Nanima Crescent from its southern intersection with Warne Street to its northern intersection with Percy Street

Showground Road (Renshaw – McGirr Way) from its eastern intersection with the bridge across the Bell River to its western intersection with Nanima Crescent

Percy Street from its southern intersection with Maughan Street to its southern intersection with Maxwell Street

Maxwell Street from its eastern intersection with Percy Street to its eastern intersection with Simpson Street

Maughan Street from its western intersection with Nanima Crescent to its northern intersection with Rygate Street

New Street from its eastern intersection with Arthur Street to its eastern intersection with Rygate Street

Rygate Street from its western intersection with Maughan Street to its northern intersection with Simpson Street

Simpson Street from its northern intersection with Rygate Street to its southern intersection with Maxwell Street

Arthur Street from its southern intersection with Maughan Street to its northern intersection with Maxwell Street

Arthur Street from its northern intersection with Maughan Street to its southern intersection with Warne Street

Swift Street from its eastern boundary to its eastern intersection with Arthur Street

Swift Street from its western intersection with Arthur Street to its eastern intersection with Percy Street

Bank Street from its eastern intersection with Percy Street to its western intersection with Arthur Street

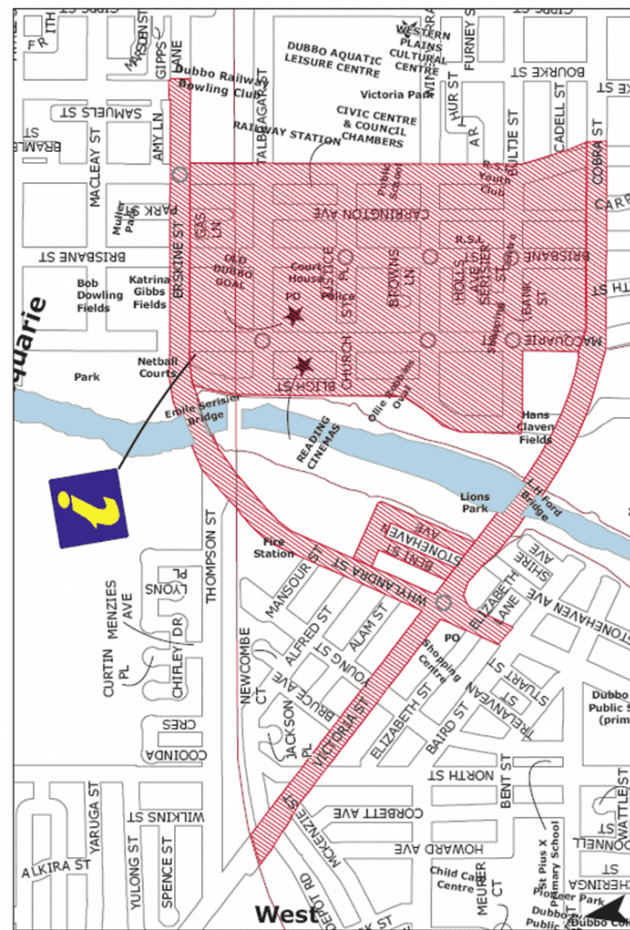
Warne Street from its eastern intersection with Raymond Street to its western intersection with Percy Street

Warne Street from its eastern intersection with Percy Street to its western intersection with the railway line

Percy Street from its southern intersection with Gisborne Street to its southern intersection with Nanima Crescent

Gisborne Street from its eastern intersection with Raymond Street to its western intersection with Lee Street

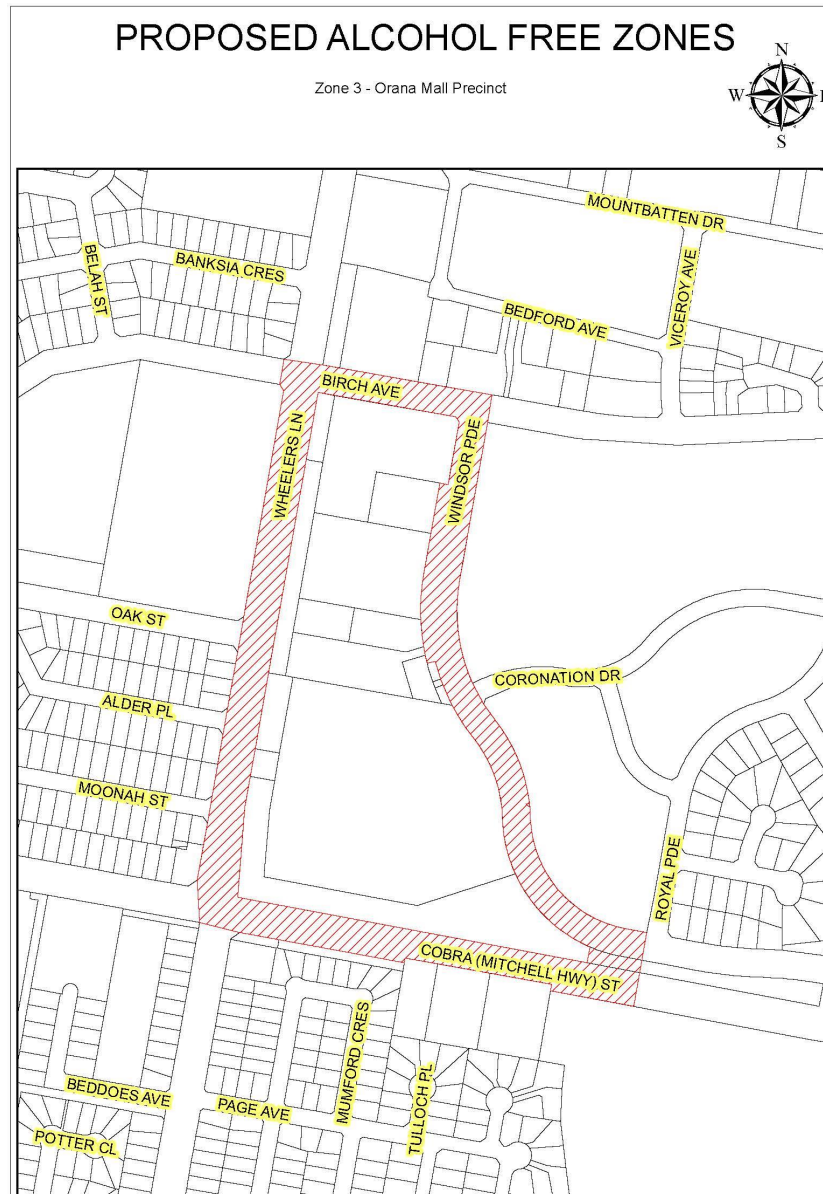
Gisborne Street from its eastern intersection with Lee Street to its western intersection with Percy Street



Map Depicting Alcohol Free Zones





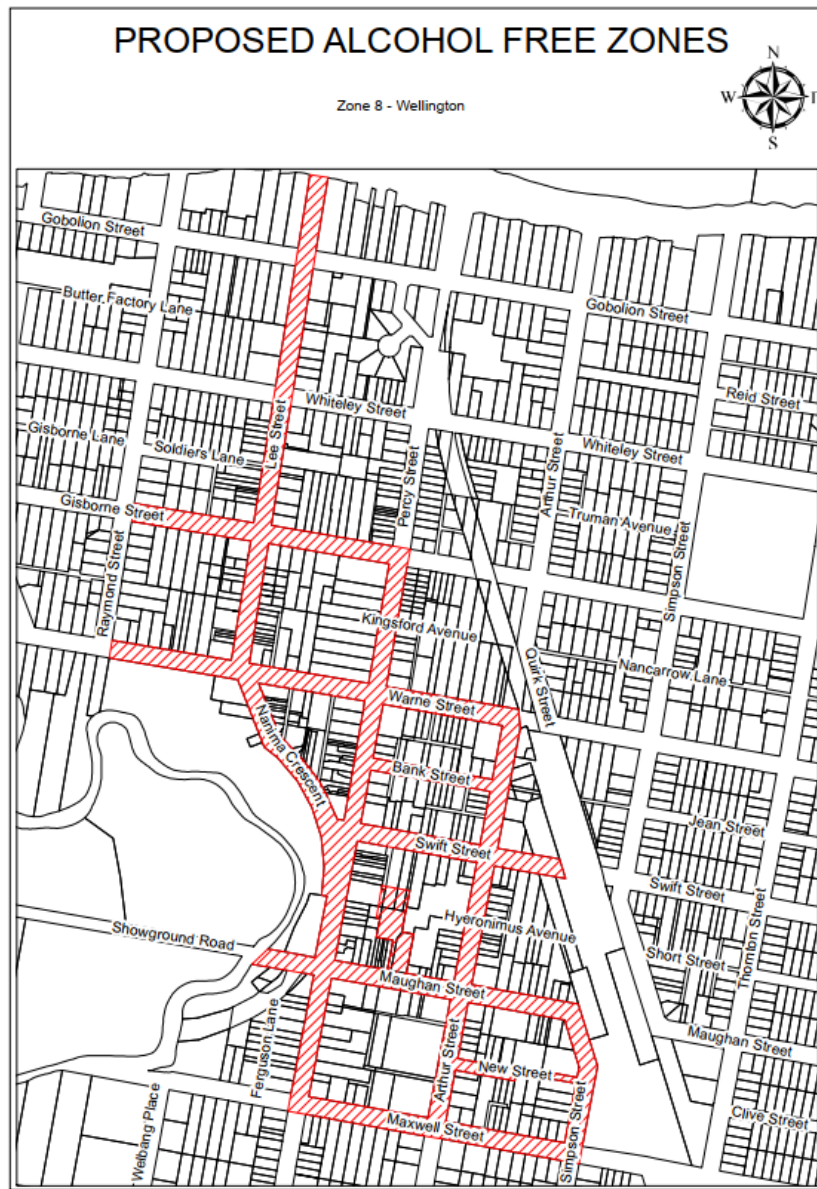












CCL22/327 Purchase of Land for Rural Fire Service

Attachment 1: Annexure 1 - acquisition plan..... 244

