



# **BUSINESS PAPER**

**Ordinary Council Meeting**

**19 March 2019**

## ETHICAL DECISION MAKING & CONFLICT OF INTEREST

### *A Guiding Checklist for Councillors, Officers & Community Committees*

#### ETHICAL DECISION MAKING

- Is the decision or conduct legal?
- Is it consistent with Government policy, Council's objectives and Code of Conduct?
- What will the outcome be for you, your colleagues, the Council, anyone else?
- Does it raise a conflict of Interest?
- Could your possible conflict of interest lead to private gain or loss at public expense?
- Can the decision be justified in terms of public interest?
- Would it withstand public scrutiny?

#### CONFLICT OF INTEREST

A Conflict of Interest is a clash between private interests and public duty. There are two types of conflict: Pecuniary – regulated by the Local Government Act and Department of Local Government and, Non-pecuniary – regulated by Codes of Conduct, ICAC, Ombudsman, Department of Local Government (advice only).

#### THE TEST FOR CONFLICT OF INTEREST

- Is it likely I could be influenced by personal interest in carrying out my public duty?
- Would a fair and reasonable person believe I could be so influenced?
- Conflict of interest is closely tied to the layperson's definition of "corruption" – using public office for private gain.
- Important to consider public perceptions of whether you have a conflict of interest.

#### IDENTIFYING PROBLEMS

- 1 Do I have private interest affected by a matter I am officially involved in?
- 2 Is my official role one of influence or perceived influence over the matter?
- 3 Do my private interests conflict with my official role?

Whilst seeking advice is generally useful, the ultimate decision rests with the person concerned.

#### AGENCY ADVICE

Officers of the following agencies are available during Office Hours to discuss the obligations placed on Councillors, Officers and Community Committee members by various pieces of legislation, regulation and codes.

<b>Contact</b>	<b>Phone</b>	<b>Email</b>
Narrandera Shire Council	02-6959 5510	<a href="mailto:council@narrandera.nsw.gov.au">council@narrandera.nsw.gov.au</a>
ICAC	02-8281 5999	<a href="mailto:icac@icac.nsw.gov.au">icac@icac.nsw.gov.au</a>
Toll Free	1800 463 909	
Department of Local Government	02-4428 4100	<a href="mailto:olg@olg.nsw.gov.au">olg@olg.nsw.gov.au</a>
NSW Ombudsman	02-8286 1000	<a href="mailto:nswombo@ombo.nsw.gov.au">nswombo@ombo.nsw.gov.au</a>
Toll Free	1800 451 524	

## COMMUNITY STRATEGIC PLAN

# Themes

### Agenda Section 16 ~ Our Community

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- 1.1 To live in a healthy community and one that demonstrates a positive attitude
- 1.2 To advocate for quality educational and cultural opportunities
- 1.3 To live in an inclusive and tolerant community
- 1.4 To feel connected and safe

### Agenda Section 17 ~ Our Environment

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- 2.1 To value, care for and protect our natural environment
- 2.2 To effectively manage and beautify our public spaces
- 2.3 To live in a community where there are sustainable practices

### Agenda Section 18 ~ Our Economy

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- 3.1 To encourage new business and industry that can be sustained
- 3.2 To support local business and industry to grow and prosper
- 3.3 To strongly promote our Shire and to improve its attractiveness
- 3.4 To grow our population

### Agenda Section 19 ~ Our Infrastructure

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- 4.1 To have an improved and adequately maintained road network
- 4.2 To improve, maintain and value-add to our public and recreational infrastructure
- 4.3 To improve and enhance our water and sewer networks
- 4.4 To have a say when planning for new facilities or refurbishing existing facilities

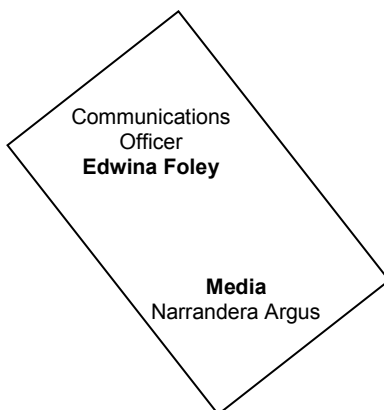
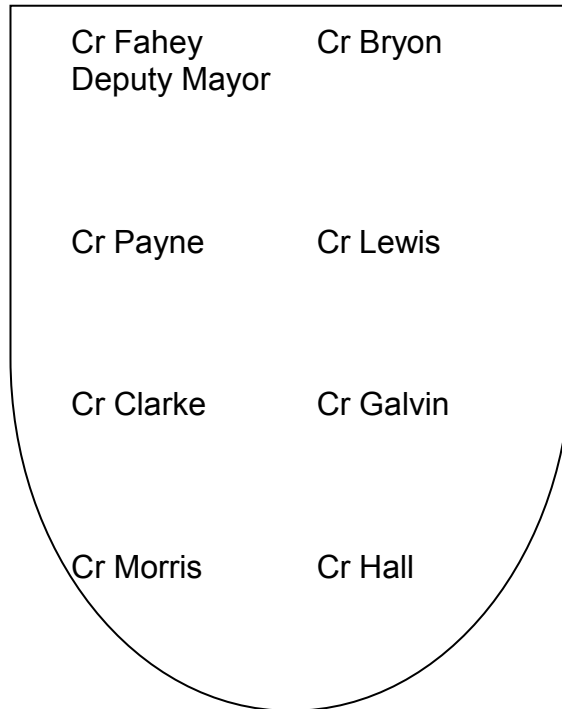
### Agenda Section 20 ~ Our Civic Leadership

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- 5.1 To have a Council that demonstrates effective management consistently
- 5.2 To have a progressive Council that communicates and engages well with all of the community and is a role model for inclusivity
- 5.3 To have a community and a Council that works collaboratively with harmony, respect and understanding

# SEATING

General Manager <b>George Cowan</b>	<b>MAYOR</b> <b>Cr</b> <b>Kschenka</b>	Deputy General Manager Infrastructure <b>Julian Geddes</b>	Deputy General Manager Corporate & Community <b>Martin Hiscox</b>
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## PUBLIC QUESTION TIME

A question time is provided for by Council for the purpose of allowing members of the public to express concerns, in writing, on issues relevant to Council's powers and functions.

Notice of questions to be raised are required to be submitted in writing, addressed to the Chief Executive Officer, and received by Council no later than the Friday fortnight (11 days) preceding the meeting date.

A 30 Minute Public Question time is allowed for at the commencement of the Council meeting if further clarification is required only on those written questions received.

Questions and Responses are screened for viewing. A limit of 3 minutes per address applies. In the event that there is no questions from the public, Council will commence the meeting in accordance with the agenda.

Persons are advised that under the Local Government Act, 1993 and Regulations a person may NOT tape record the proceeding of a meeting of a Council, Committee or Workshop without the authority of the Council.

“Tape record” includes a video camera and electronic device capable of recording speech. Mobile phones are to be switched off so as not to disrupt the meeting.

**Notice is hereby given that the Ordinary Meeting of the Narrandera  
Shire Council will be held in the Council Chambers on:  
Tuesday 19 March 2019 at 2pm**

**Order Of Business**

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	Nil	
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	Nil	





- 1 ACKNOWLEDGEMENT OF COUNTRY**
- 2 HOUSE KEEPING**
- 3 DISCLOSURE OF POLITICAL DONATIONS**
- 4 PRESENT**
- 5 APOLOGIES**
- 6 DECLARATIONS OF INTEREST**
- 7 PUBLIC QUESTION TIME**  
No Public Question Time
- 8 PRESENTATIONS BY THE PUBLIC**  
Nil

**9 PRESENTATIONS BY STAFF AND CONTRACTORS**

**9.1 PRESENTATION BY MW - PRIORITY ROADS PROJECTS FOR FUNDING**

**Document ID: 408380**

**Author: Personal Assistant to General Manager and Mayor**

**Authoriser: General Manager**

**Theme: Our Infrastructure**

**Attachments: Nil**

**PRESENTATION**

Presentation by Manager Works Krishna Shrestha on the Priority Roads Projects for Funding.

**RECOMMENDATION**

Presentation by Manager Works Krishna Shrestha on the Priority Roads Projects for Funding.

**9.2 PRESENTATION BY DGMI - UPDATE ON GRANT FUNDED PROJECTS****Document ID: 408383****Author: Personal Assistant to General Manager and Mayor****Authoriser: General Manager****Theme: Our Infrastructure****Attachments: Nil****PRESENTATION**

Trial Presentation for Council Meeting by Deputy General Manager Infrastructure Julian Geddes providing updates on Grant Funded Projects.

- Stronger Country Communities Grants
- Truck Wash
- Drought Communities Program
- Water & Sewer Project

**RECOMMENDATION**

Trial Presentation for Council Meeting by Deputy General Manager Infrastructure Julian Geddes providing updates on Grant Funded Projects.

- Stronger Country Communities Grants
- Truck Wash
- Drought Communities Program
- Water & Sewer Project

**10 CONFIRMATION OF MINUTES**

Ordinary Council Meeting - 19 February 2019



# **MINUTES**

**Ordinary Council Meeting**

**19 February 2019**

**MINUTES OF NARRANDERA SHIRE COUNCIL  
ORDINARY COUNCIL MEETING  
HELD AT THE COUNCIL CHAMBERS  
ON TUESDAY, 19 FEBRUARY 2019 AT 2PM**

The Mayor declared the meeting opened at **2.05pm** and welcomed the Councillors, Staff, Media and Members of the Gallery.

**1 ACKNOWLEDGEMENT OF COUNTRY**

*I would like to acknowledge the Wiradjuri people who are the Traditional Custodians of the Land. I would also like to pay respect to their people both past and present and extend that respect to other Aboriginal Australians who are present*

**2 HOUSE KEEPING**

*Advice provided of Council's Work, Health and Safety (WHS) Evacuation Plan and location of the Amenities.*

**3 DISCLOSURE OF POLITICAL DONATIONS**

Advice provided to those present, of the legislative requirement for Disclosure of Political Donations:

*The Environmental Planning and Assessment Act 1979, Section 147 requires a person submitting planning applications or submissions regarding a planning application, to disclose any reportable political donation and/or gifts to any local Councillor or employee of Council. Reportable political donations include those of, or above, \$1,000. The Disclosure Statement forms are available on Councils website or from the Customer Service Centre and must be lodged in accordance with the Act.*

*There were no Disclosure of Political Donations received by the Chairperson.*

**4 PRESENT**

Cr Neville Kschenka, Cr David Fahey OAM, Cr Narelle Payne, Cr Tracey Lewis, Cr Wesley Hall, Cr Tammy Galvin, Cr Barbara Bryon, Cr Jenny Clarke OAM

**In Attendance**

Julian Geddes (Deputy General Manager Infrastructure), Martin Hiscox (Deputy General Manager Corporate & Community), George Cowan (General Manager), Vicki Maher (Minute Taker), Tiffany Thornton (Minute Taker), Edwina Foley (Communications Officer)

**5 APOLOGIES****RESOLUTION 19/001**

Moved: Cr Narelle Payne

Seconded: Cr David Fahey OAM

That apologies from Cr Kevin Morris be received and accepted.

**CARRIED**

**6 DECLARATIONS OF INTEREST**

None advised

**7 PUBLIC QUESTION TIME**

Nil

**SUSPENSION OF STANDING ORDERS****RESOLUTION 19/002**

Moved: Cr Wesley Hall

Seconded: Cr Narelle Payne

At 2.06pm, a motion was moved that Council suspend standing orders.

**CARRIED**

**8 PRESENTATIONS BY THE PUBLIC****8.1 WELLWAYS AUSTRALIA SUICIDE PREVENTION****PRESENTATION**

Carolyn Drinkwater; Suicide Prevention Support Coordinator from the Murrumbidgee Suicide Prevention Program, Wellways Australia | incorporating Australian HealthCall Group, spoke with Council and gave an update on what is happening with suicide prevention and postvention in the Narrandera area.

## **8.2 NARRANDERA SHIRE CHRISTMAS COMPETITION WINNERS**

### **PRESENTATION**

Mayor Neville Kschenka thanked the community for taking part in the 2018 Narrandera Shire Christmas Competition. He then announced the winners and presented prizes for each category including:

Best Lit House - Donna Bell

Best Novelty House Fred Hammer

Best Business Coraco Furniture

Best Lit Street East Street

## **9 PRESENTATIONS BY STAFF AND CONTRACTORS**

### **ROAD SAFETY PROJECTS**

#### **PRESENTATION**

Road Safety Officer, Elizabeth Mudford gave Council a presentation on recent Road Safety Projects conducted within the shire.

## **RESUMPTION OF STANDING ORDERS**

### **RESOLUTION 19/003**

Moved: Cr Barbara Bryon

Seconded: Cr Tammy Galvin

At 3.05pm, a motion was moved that Council resume standing orders.

**CARRIED**

## **10 CONFIRMATION OF MINUTES**

### **RESOLUTION 19/004**

Moved: Cr Narelle Payne

Seconded: Cr Jenny Clarke OAM

That the minutes of the Ordinary Council Meeting held on 12 December 2018 be confirmed.

**CARRIED**



**11 MAYORAL REPORT****11.1 MAYORAL REPORT JANUARY FEBRUARY 2019****RESOLUTION 19/005**

Moved: Cr Neville Kschenka

Seconded: Cr Jenny Clarke OAM

That Council receive and note the Mayoral Report for January February 2019.

**CARRIED**

**12 NOTICES OF RESCISSION**

Nil

**13 NOTICES OF MOTION****13.1 NOTICE OF MOTION - BINYA SCHOOL****RESOLUTION 19/006**

Moved: Cr Barbara Bryon

Seconded: Cr Tammy Galvin

That Council create a suitable plaque acknowledging the 100 years of schooling in the village of Binya. This plaque to be unveiled at the school Centenary Celebration on 6 & 7 April 2019.

**CARRIED**

**13.2 NOTICE OF MOTION - KERBSIDE GARBAGE COLLECTION****RESOLUTION 19/007**

Moved: Cr Barbara Bryon

Seconded: Cr Narelle Payne

That Council investigate the feasibility of having a bulky goods kerbside garbage collection in Narrandera Shire.

**CARRIED**

**13.3 NOTICE OF MOTION - NARRANDERA RAIL PROJECT - RAMJO****RESOLUTION 19/008**

Moved: Cr David Fahey OAM

Seconded: Cr Tammy Galvin

1. That Council pass on the Tocumwal to Narrandera Freight Rail Link project to the Riverina and Murray Joint Organisation (RAMJO) for facilitation.
2. That Cr Hall be appointed Council's representative on the RAMJO committee together with DGMI Mr Julian Geddes.

Cr Hall recorded as Against motion.

**CARRIED**

**13.4 NOTICE OF MOTION - CORNER CADELL AND LARMER STREETS****RESOLUTION 19/009**

Moved: Cr Jenny Clarke OAM

Seconded: Cr Narelle Payne

That Council contact the appropriate personnel to clean up and maintain the site to improve the image of Narrandera on the Corner of Newell Highway (Cadell Street) and Larmer Street, being the former Police Station and residence now abandoned and in disrepair.

**CARRIED**

**13.5 NOTICE OF MOTION - SOLAR****RESOLUTION 19/010**

Moved: Cr Jenny Clarke OAM

Seconded: Cr Wesley Hall

That Council:

1. Investigate the feasibility by solar and battery designers and engineers to submit designs and costs for particularly:
  - No 1. Narrandera Industrial Estate (Red Hill)
  - No 2. Narrandera Water Treatment works
  - No 3. Narrandera Bore Water Pumps.
2. Approach the clean energy corporation to submit financing proposals to finance the selected designs.
3. Subject to Council's consideration, call for tenders to supply, install and commission

the selected designs and lastly.

4. Award the selected contractor (s) to execute the building and installation of the solar arrays, connecting infrastructure and batteries.

**CARRIED**

#### **14 COUNCILLOR REPORTS**

Nil

#### **15 COMMITTEE REPORTS**

##### **15.1 MINUTES - PARKS AND GARDENS ADVISORY COMMITTEE - 3 DECEMBER 2018**

###### **RESOLUTION 19/011**

Moved: Cr Tracey Lewis

Seconded: Cr Jenny Clarke OAM

That Council

1. Receive and note the Minutes of the Parks and Gardens Advisory Committee held on Monday 3 December 2018.
2. Endorse the Committee nomination for Annette Crowe.

**CARRIED**

##### **15.2 MINUTES - KOALA REGENERATION COMMITTEE - 6 DECEMBER 2018**

###### **RESOLUTION 19/012**

Moved: Cr Barbara Bryon

Seconded: Cr Jenny Clarke OAM

That Council

1. Received and noted the Minutes of the Koala Regeneration Committee held on Thursday 6 December 2018 with the inclusion of Cr Clarke recorded as an Apology.
2. Endorse the Committee nominations for Lee Reavley, Lyndsay Hayes and Christine Milner.

**CARRIED**

**15.3 MINUTES - SPORTS FACILITIES ADVISORY COMMITTEE - 6 DECEMBER 2018****RESOLUTION 19/013**

Moved: Cr Narelle Payne

Seconded: Cr Wesley Hall

That Council receive and note the Minutes of the Sports Facilities Advisory Committee held on Thursday 6 December 2018.

Minutes contain no committee resolutions for Council endorsement.

**CARRIED**

**15.4 MINUTES - BETTERING BARELLAN COMMITTEE - 23 JANUARY 2019****RESOLUTION 19/014**

Moved: Cr Barbara Bryon

Seconded: Cr Narelle Payne

That Council

1. Receive and note the Minutes of the Bettering Barellan Committee held on Wednesday 23 January 2019.
2. Note the endorsement of Nola Trembath as a committee member.
3. Note the endorsement the following Barellan Hall hire fees:

Hall Hire - Full day \$100

- Half day \$50

- Casual \$25 (for example Training nights – 1 hr)

- Deb practice \$10

To include in fees and charges - hire of cool room \$50, tables \$5.50 and chairs \$ \$1.10 - all including GST.

**CARRIED**

**15.5 MINUTES - GRONG GRONG COMMUNITY COMMITTEE - 24 JANUARY 2019****RESOLUTION 19/015**

Moved: Cr David Fahey OAM

Seconded: Cr Barbara Bryon

That Council

1. Receive and note the Minutes of the Grong Grong Community Committee held on

Thursday 24 January 2019.

2. Note the endorsement of Leonard O'Reilly, Graeme Missen and Peter Skarlis as committee members.
3. Note the endorsement of the following Grong Grong Hall hire fees:
  - Hall Hire (only) \$100
  - Supper Room Hire (only) \$50
  - Supper Room and Kitchen Hire \$80
  - Hall, Supper and Kitchen Room Hire (private) \$200
  - Hall, Supper and Kitchen Room Hire (public event – entry fee) \$250
  - Cool room Hire \$30 (3 days)
  - Food Warmer Hire \$20
  - Remove- Committee Room Hire \$11
  - Table Hire (Old Trestles only) \$5.50
  - Chair Hire \$1.10
4. Committee resolved to undertake the works as proposed in Stronger Country Communities Funding for the Earth Park. Committee accept the \$10,000 contribution from the Grong Grong Progress Association towards the project.
5. Endorse the addition to Terms of Reference as follows;  
The Grong Grong Community Committee may apply for grants in relation to the facility/function delegated to it.  
  
Should applications require a co-contribution in excess of funds contained within an adopted budget or time does not permit approval to be sought from council prior to the closing of a grant application the Committee Chairperson may seek the approval of the General Manager to lodge the grant application which must be ratified at the next ordinary meeting of the Committee

**CARRIED**

## **15.6 MINUTES - NARRANDERA STADIUM ADVISORY COMMITTEE - 5 FEBRUARY 2019**

### **RESOLUTION 19/016**

Moved: Cr Narelle Payne

Seconded: Cr Wesley Hall

That Council

1. Receive and note the Minutes of the Narrandera Stadium Advisory Committee held on Tuesday 5 February 2019.
2. Endorse the Committee Nomination for Kelly Stockdale.
3. Note the resignation of Sam Irons.

**CARRIED****15.1 MINUTES - NARRANDERA FLOODPLAIN RISK MANAGEMENT COMMITTEE - 14 FEBRUARY 2019****RESOLUTION 19/017**

Moved: Cr Wesley Hall

Seconded: Cr Tammy Galvin

That Council received and note the Minutes of the Narrandera Floodplain Risk Management Committee held on Thursday 14 February 2019.

Late Report**CARRIED****16 OUR COMMUNITY****16.1 REQUEST FOR THE SUSPENSION OF ALCOHOL FREE ZONE - JOHN O'BRIEN BUSH FESTIVAL EVENT****RESOLUTION 19/018**

Moved: Cr Jenny Clarke OAM

Seconded: Cr Narelle Payne

That Council endorses the suspension of the alcohol free zone, within the designated Bar area as outlined in the approved liquor licence in Marie Bashir Park, Saturday 16<sup>th</sup> March 2019 between the hours of 10am-10pm pending liquor licence approval.

**CARRIED****16.2 ART ON THE WATER TOWER PROJECT****RESOLUTION 19/019**

Moved: Cr Narelle Payne

Seconded: Cr Tracey Lewis

That Council receive and note the information provided in the "Art on the Water Tower" project report.

**CARRIED**

**17 OUR ENVIRONMENT**

Nil

**18 OUR ECONOMY****18.1 NARRANDERA TO TOCUMWAL RAIL LINK RE-ACTIVATION****RESOLUTION 19/020**

Moved: Cr Wesley Hall

Seconded: Cr Jenny Clarke OAM

That Council

1. Receive and note the report.
2. Option 3 – Support the establishment of a Western Riverina Lobby Group who may be able to develop and lead industry support for the reopening of the Narrandera to Tocumwal Rail Line.
3. All Councillors have the option be part of the Lobby Group.

**CARRIED****18.1 RAIL INFRASTRUCTURE****RESOLUTION 19/021**

Moved: Cr Narelle Payne

Seconded: Cr David Fahey OAM

That Council:

1. Receive and note the report
2. Approve the preparation of a report assessing rail based business opportunities for Narrandera
3. Allocate an indicative budget of \$50,000 to fund the report

Late report.**CARRIED****18.2 TENDER - LAKE TALBOT POOL COMPLEX - REPLACEMENT SLIDES****RESOLUTION 19/022**

Moved: Cr Tracey Lewis

Seconded: Cr Barbara Bryon

**That Council**

1. Not accept any tenders as all tenders exceeded Council's estimated project budget.
2. Authorise the General Manager to enter into direct negotiation with the preferred tenderer (Australian Waterslides & Leisure Pty Ltd) with a view to entering into a contract for the replacement slide and dual racer slide.
3. If required release funds from the Lake Talbot Pool Master Plan Reserve to increase the project funding.
4. Approval is given to affix the Common Seal of Council, if required, to this and any future documentation necessary relating to this matter.
5. As funds become available proceed to invite a fresh tender for the design and construction of the Dual Racer slide as part of the Lake Talbot Master Plan redevelopment works

**CARRIED****COMMITTEE OF THE WHOLE****RESOLUTION 19/023**

Moved: Cr Barbara Bryon

Seconded: Cr David Fahey OAM

A motion was moved that Council move into committee of the whole.

**CARRIED****MOTION****RESOLUTION 19/024**

Moved: Cr Tammy Galvin

Seconded: Cr Narelle Payne

That Council determine a design for the gateway signs.

**CARRIED****RESUMPTION OF STANDING ORDERS****RESOLUTION 19/025**

Moved: Cr Barbara Bryon

Seconded: Cr David Fahey OAM



A motion was moved that Council resume standing orders.

**CARRIED**

### **18.3 NARRANDERA TOWN SIGNS - GATEWAY SIGNS**

#### **RESOLUTION 19/026**

Moved: Cr Barbara Bryon

Seconded: Cr David Fahey OAM

That Council's option are returned to designer for amendments.

That approval from Aboriginal Elders is gained.

Option 5. Blue - Modern Abstract

- Removed Gum Nuts and replace with a Lizard from option 3 (Eastern Bearded Dragon)
- Koala top left corner sitting in the dip of the sign,
- Insert Aboriginal Wave and Circle (Meeting Place) from bottom right corner running left and upward (45 deg)
- Left pole depicting a tree.

**CARRIED**

## **19 OUR INFRASTRUCTURE**

### **19.1 SOUTHERN LIGHTS PROJECT - SMART METERING**

#### **RESOLUTION 19/027**

Moved: Cr David Fahey OAM

Seconded: Cr Barbara Bryon

That Council

1. Support the business case for funding of the smart street lighting program by the NSW Government at a cost of \$61.4M and seek support for the project from the local member.
2. Support the rollout of LED lighting with smart technology capability for all street lights in the local government area.

**CARRIED**

**20 OUR CIVIC LEADERSHIP****20.1 NOTIFICATION OF ADDITIONAL ABORIGINAL LAND CLAIMS ALSO THE SUCCESSFUL DETERMINATION OF A PREVIOUS CLAIM****RESOLUTION 19/028**

Moved: Cr Narelle Payne

Seconded: Cr Jenny Clarke OAM

That Council note the 18 additional Aboriginal Land Claims lodged in accordance with the *Aboriginal Land Rights Act 1983* and also acknowledge the successful claim on Lot 57 DP 751722 located south of Kamarah Village.

**CARRIED**

**20.2 ADMINISTRATION OF THE ORDINARY ELECTION, SEPTEMBER 2020****RESOLUTION 19/029**

Moved: Cr Narelle Payne

Seconded: Cr Tracey Lewis

That Narrandera Shire Council ("the Council") resolves :-

- (a) Pursuant to s. 296(2) and (3) of the Local Government Act 1993 (NSW) ("the Act") that an election arrangement be entered into by contract for the Electoral Commissioner to administer all elections of the Council.
- (b) Pursuant to s. 296(2) and (3) of the Act, as applied and modified by s.18, that a council poll arrangement be entered into by contract for the Electoral Commissioner to administer all council polls of the Council.
- (c) Pursuant to s. 296(2) and (3) of the Act, as applied and modified by s.18, that a constitutional referendum arrangement be entered into by contract for the Electoral Commissioner to administer all constitutional referenda of the Council.

**CARRIED**

**20.3 AMENDMENTS TO THE ELECTION PROVISIONS OF THE LOCAL GOVERNMENT (GENERAL) REGULATION 2005****RESOLUTION 19/030**

Moved: Cr Narelle Payne

Seconded: Cr David Fahey OAM

Council note the amendments to the election provisions of the Local Government (General) Regulation 2005 and the potential impacts on the conduct of the next ordinary election in 2020.

**CARRIED****20.4 RIVERINA AND MURRAY REGIONAL ORGANISATION****RESOLUTION 19/031**

Moved: Cr David Fahey OAM

Seconded: Cr Barbara Bryon

That Council

1. Receive and note the report
2. Note the Statement of Regional Priorities and endorse Council's membership of that working parties as outlined.

**CARRIED****20.5 REVIEW OF POLICY CS50 CREDIT CARD****RESOLUTION 19/032**

Moved: Cr Narelle Payne

Seconded: Cr Wesley Hall

That Council amend Policy CS50 as proposed with the inclusion of Fuel Cards and return for adoption.

**CARRIED****20.6 NSW PUBLIC LIBRARIES ASSOCIATION 2018 CONFERENCE****RESOLUTION 19/033**

Moved: Cr Barbara Bryon

Seconded: Cr Narelle Payne

That Council receive and note the information contained within the report.

**CARRIED**

**21 STATUTORY AND COMPULSORY REPORTING – DEVELOPMENT SERVICES REPORTS**

**21.1 DECEMBER DEVELOPMENT SERVICES ACTIVITIES**

**RESOLUTION 19/034**

Moved: Cr David Fahey OAM

Seconded: Cr Narelle Payne

That Council receive and note the Development Services Activities Report for December 2018.

**CARRIED**

**21.2 JANUARY DEVELOPMENT SERVICES ACTIVITIES**

**RESOLUTION 19/035**

Moved: Cr Narelle Payne

Seconded: Cr Barbara Bryon

That Council receive and note the Development Services Activities Report for January 2019.

**CARRIED**

**22 STATUTORY AND COMPULSORY REPORTING – FINANCIAL / AUDIT REPORTS**

**22.1 DECEMBER STATEMENT OF INVESTMENTS**

**RESOLUTION 19/036**

Moved: Cr Narelle Payne

Seconded: Cr David Fahey OAM

That Council receive and note the information contained in the Statement of Investments report as at 31 December 2018.

**CARRIED**

## **22.2 DECEMBER STATEMENT OF BANK BALANCES**

### **RESOLUTION 19/037**

Moved: Cr Narelle Payne

Seconded: Cr David Fahey OAM

That Council receive and note the information contained in the Statement of Bank Balances report as at 31 December 2018

**CARRIED**

## **22.3 JANUARY STATEMENT OF INVESTMENTS**

### **RESOLUTION 19/038**

Moved: Cr Barbara Bryon

Seconded: Cr Tracey Lewis

That Council receive and note the information contained in the Statement of Investments report as at 31 January 2019.

**CARRIED**

## **22.4 JANUARY CAPITAL WORKS PROGRAM**

### **RESOLUTION 19/039**

Moved: Cr David Fahey OAM

Seconded: Cr Narelle Payne

That Council receive and note the information contained in the Capital Works report as at 31 January 2019.

**CARRIED**

**22.5 JANUARY INCOME STATEMENT****RESOLUTION 19/040**

Moved: Cr Narelle Payne

Seconded: Cr Barbara Bryon

That Council receive and note the information contained in the Income Statement report for the period ending 31 January 2019.

**CARRIED**

**22.6 JANUARY STATEMENT OF BANK BALANCES****RESOLUTION 19/041**

Moved: Cr Tracey Lewis

Seconded: Cr David Fahey OAM

That Council receive and note the information contained in the Statement of Bank Balances report as at 31 January 2019

**CARRIED**

**22.7 JANUARY STATEMENT OF RATES AND RECEIPTS****RESOLUTION 19/042**

Moved: Cr Narelle Payne

Seconded: Cr Barbara Bryon

That Council receive and note the information contained in the Statement of Rates and Receipts report as at 31 January 2019.

**CARRIED**

**22.8 DECEMBER 2018 QUARTERLY BUDGET REVIEW****RESOLUTION 19/043**

Moved: Cr Barbara Bryon

Seconded: Cr David Fahey OAM

That Council receive, note and adopt the information and variations contained in the December Quarterly Review.

**CARRIED**

**23 STATUTORY AND COMPULSORY REPORTING – OTHER REPORTS**

Nil

**24 CONFIDENTIAL BUSINESS PAPER REPORTS****RESOLUTION 19/044**

Moved: Cr Narelle Payne

Seconded: Cr Jenny Clarke OAM

That Council considers the confidential report(s) listed below in a meeting closed to the public in accordance with Section 10A(2) of the *Local Government Act 1993*:

**24.1 Tender for Narrandera Shire Council Website Redevelopment**

This matter is considered to be confidential under Section 10A(2) - c of the Local Government Act, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with information that would, if disclosed, confer a commercial advantage on a person with whom the Council is conducting (or proposes to conduct) business.

**CARRIED****24.1 TENDER FOR NARRANDERA SHIRE COUNCIL WEBSITE REDEVELOPMENT****RESOLUTION 19/045**

Moved: Cr Narelle Payne

Seconded: Cr Jenny Clarke OAM

That Council:

1. Accept the tender (T18-19-5) from Demonz Media to redevelop the Narrandera Shire Council Website for \$171,000.
2. Give approval to affix the Common Seal of Council, if required, to this and any future documentation necessary relating to this matter.

**CARRIED****RESOLUTION 19/046**

Moved: Cr Narelle Payne

Seconded: Cr Barbara Bryon

That Council moves out of Closed Council into Open Council.

**CARRIED**

**The Meeting closed at 5.20pm.**

**The minutes of this meeting were confirmed at the Ordinary Council Meeting held on 19 March 2019.**

.....  
**GENERAL MANAGER**

.....  
**CHAIRPERSON**



**11 MAYORAL REPORT****11.1 MAYORAL REPORT MARCH 2019**

**Document ID:** 406515  
**Author:** Mayor  
**Theme:** Our Civic Leadership  
**Attachments:** Nil

**RECOMMENDATION**

That Council receive and note the Mayoral Report for March 2019.

**BACKGROUND**

Since submitting my last Mayor's Report that was presented to the Ordinary Council meeting of 19 February 2019, I have had the privilege to attend the following on behalf of our Council:-

**Meetings with General Manager**

Attended regular Monday, and unscheduled, meetings with the General Manager George Cowan to discuss various matters. Deputy Mayor attends the Monday meeting prior to the monthly Council Meeting.

**Media Interviews and Shire News Promotions**

I have had numerous media interviews with Narrandera Argus, Radio 2 MMM Griffith, Prime7, Win News, ABC Radio, Flow FM and Central West Lifestyle Magazine throughout the past month covering recent topics of interest and/or concern.

**FEBRUARY 2019****Wednesday 13**

Attended the Mayors & GMs RAMJO at Jerilderie with the General Manager. Minutes of these meetings are provided to Councillors within the weekly information mail.

**Thursday 14**

I attended the Narrandera Floodplain Risk Management meeting with fellow committee members. Minutes of this meeting will be provided to Council in due course.

**Friday 15**

Together with the General Manager, I attended a Rod Run Team Meeting for further discussion on preparations toward the 2019 East Rod Run.

**Tuesday 19**

Chaired the monthly Council Briefing Session and Ordinary Council Meeting. Minutes of this meeting are further submitted to Council.

**Thursday 21**

Together with the General Manager I enjoyed another segment on the local Community Radio, 91.1 Spirit FM, where GM George Cowan and I advise the listeners on outcomes of agenda items from the monthly Council meeting as well as providing any updates on current projects. Positive

comments continue to be received regarding this segment that continues to be held a monthly basis at 8:30am, the Thursday following the monthly Council meeting.

### **Saturday 23**

Had the pleasure of attending and conducting the Official Opening the to 2019 Annual Narrandera Rodeo. As in past years, there was an impressive crowd and it is wonderful to see so many families out and about together enjoying the rodeo events. This event draws a lot of visitors from out of town and provides a good boost to the local economy. The Big Screen was active once again which is great to see. The Narrandera Rodeo attracts Cowboy and Cowgirl competitors to what is a very full program, from all over Australia. Again, another very enjoyable and well organised event and I offer my congratulations to all involved in the 2019 Rodeo. I would like to express my appreciation to the many sponsors who without them, it would be very difficult to the committee to put on such a great event. The Rodeo Committee intern donates back to many worthwhile courses in Narrandera Shire.

### **Monday 25 February**

Together with fellow committee members, I chaired the February meeting of the Economic Taskforce. Minutes of the meeting are further provided to Council.

### **25**

Attended the meeting of the Interim Narrandera Youth Advisory Development Committee. This is a result of a Notice of Motion last December by Cr Tracey Lewis and is the initial meeting of the Interim Committee where its purpose is to facilitate the development of the Narrandera Youth Advisory Council.

### **Tuesday 26**

Attended the meeting of the Solar Farm Reference Group. The Group, with members from across the business sector, has been developed for the purpose to work with and advise local services of the opportunities that will become available to ensure Narrandera Shire maximises all opportunities during the construction of the planned Solar Farms. Businesses are still registering their Expression of Interest (EOI) to provide a range of services for and during the construction of the Solar Farms. EOI's remain open and businesses are still able to submit.

## **MARCH 2019**

### **Wednesday 6**

Accompanied by my wife Carmel, I had the pleasure to once again attend the New Resident Welcome to Narrandera Night by the Rotary Club of Narrandera. I gave them information on the history or Narrandera Shire and what we now have to offer in the way of services and amenities. This is a great initiative by the Rotary Club and certainly makes our new residents feel welcome to our Shire.

### **Thursday 7**

Together with a number of fellow Councillors and staff, I attended a workshop on the Narrandera Flood Study.

### **Thursday 7**

Met with the General Manager Performance Group to familiarise with the new Local Government Performance Appraisal system

### **Thursday 7**

Met with a local club to discuss the availability of Grant Funding.

**Tuesday 12**

Together with the General Manager, I visited a local business, which is one of Narrandera's largest employers, to observe their operations and discuss queries they had regarding Council's activities. This is the first of the Mayor & GM Industry Visits for this year.

\*\*\*\*\*

I continue to extend my gratitude and thanks to those Councillors who have attended various meetings throughout the past months, either on my behalf, or as elected committee members.

I am extremely grateful to you all for this assistance and I look forward to working together toward a very productive year ahead for Narrandera Shire.

\*\*\*\*\*

*Until next time, Mayor Kschenka*

**RECOMMENDATION**

That Council receive and note the Mayoral Report for March 2019.

**12 NOTICES OF RESCISSION**

Nil

**13 NOTICES OF MOTION****13.1 NOTICE OF MOTION - RATES REVENUE POLICY****Document ID: 408036****Author: Cr Narelle Payne****Theme: Our Community****Attachments: Nil**

I, Councillor Narelle Payne, hereby submit the following Notice of Motion to the Narrandera Shire Council's Ordinary Meeting of Council be held on 19 March 2019.

**MOTION**

1. That while the Rates Payment Policy is currently under review, the following amendment be considered for inclusion in the revised Rates Payment Policy.

“That no penalty interest be applied to drought affected farmers or persons dependant on the farming industry including contractors, workers or storekeepers in a financial year where the difficulties are confirmed by the Rural Financial Advisor. “

Cr Payne will speak to the motion at the meeting.

**RECOMMENDATION**

1. That while the Rates Payment Policy is currently under review, the following amendment be considered for inclusion in the revised Rates Payment Policy.

“That no penalty interest be applied to drought affected farmers or persons dependant on the farming industry including contractors, workers or storekeepers in a financial year where the difficulties are confirmed by the Rural Financial Advisor. “

**14 COUNCILLOR REPORTS**

Nil

**15 COMMITTEE REPORTS****15.1 MINUTES - ARTS AND CULTURE COMMITTEE - 12 FEBRUARY 2019****Document ID: 406701****Author: Corporate and Community Administration Officer****Authoriser: Deputy General Manager Corporate and Community****Attachments: 1. Arts and Culture Committee Minutes - 12 February 2019****RECOMMENDATION**

That Council

1. Receive and note the Minutes of the Arts and Culture Committee held on Tuesday 12 February 2019.
2. Allow the Committee's request to display the War Plane photo at the Parkside Cottage Museum which is currently on display in the Narrandera Shire Council building.

**MINUTES OF NARRANDERA SHIRE COUNCIL  
ARTS AND CULTURE COMMITTEE  
HELD AT THE COUNCIL CHAMBERS - INTERVIEW ROOM  
ON TUESDAY, 12 FEBRUARY 2019 AT 10AM**

**1 PRESENT**

Chair Mr Tony Taylor, Cr Tracey Lewis, Cr Barbara Bryon, Member Sue Killham, Mr Graham Minchin, Ms Lindee Russell, Ms Julie Briggs, Minute Taker Tiffany Thornton, Observer Martin Hiscox

**2 APOLOGIES**

**COMMITTEE RESOLUTION**

Moved: Mr Graham Minchin  
Seconded: Cr Tracey Lewis

That apologies from Cr Tammy Galvin be received and accepted.

**CARRIED**

**3 DECLARATIONS OF PECUNIARY INTEREST**

Nil

**4 CONFIRMATION OF PREVIOUS MEETING MINUTES**

**COMMITTEE RESOLUTION**

Moved: Cr Tracey Lewis  
Seconded: Cr Barbara Bryon

That the minutes of the Arts and Culture Committee held on 3 December 2018 be confirmed.

**CARRIED**

**5 BUSINESS ARISING FROM PREVIOUS MINUTES**

Nil



## **6 REPORTS**

### **6.1 ACCEPT RESIGNATION FROM COMMITTEE - KATHY TAYLOR**

#### **COMMITTEE RESOLUTION**

Moved: Ms Julie Briggs

Seconded: Ms Lindee Russell

That the Committee

1. accept resignation of Kathy Taylor
2. send letter to Kathy Taylor, thanking her for her work on the committee.

**CARRIED**

### **6.2 UPDATE - PARKSIDE COTTAGE MUSEUM**

Museum consultant Kim Biggs is back for 2019.

Thanked past committee members for their efforts as they leave the committee

Opening 3 days a week Thursday, Friday, Saturday

Entire Museum collection has been officially deeded to Council for future preservation.

Requirements by Fair Trading are being completed.

Fund raising efforts to be scheduled over the next few months

Pursuing the requirements for gun display to meet compliance demands

Friends of the Museum group has been launched

Function during Seniors week

Facebook page becoming more popular

Function computer, phone, NBN now operational

#### **COMMITTEE RESOLUTION**

Moved: Cr Tracey Lewis

Seconded: Ms Lindee Russell

Committee to received and note an update on Parkside Cottage Museum.

**CARRIED**

### **6.3 ARTS CENTRE UPDATE - BOOKINGS AND EXHIBITIONS**

There have been several maintenance issues over the past few months that have been referred to the appropriate area within Council and our alarm company Katana.

- Light in main exhibition room – Existing globe is no longer available. Temporary 19 watt, bayonet, Led globes have been purchased while suitable ongoing alternatives are sourced.
- Extractor fan in ladies toilet – Electrician has been called and a part is being ordered. In the meantime the fan has been switched off.

- Sewage/drain smell in building –The smell is not coming from the toilets or kitchen and no open wastes exist in those rooms. This has been referred to John Riddell who will have the issue checked by a plumber.
- Smoke Alarm – During recent exhibitions and out of hours the smoke alarm has gone off on numerous occasions. The security company has been called and have checked monitoring and also changed the position of one of the alarms. Response to the most recent call required John Riddell to remove the units and use canned compressed air to blow out dust residue. The alarm issues have risen with the increase in dust storms and our last call elicited the information that alarm issues such as ours are occurring across the Wagga area following the dust storms.
- Irrigation system – water was observed to be bubbling out of the front lawn. This has been reported.

Committee to send letter to NacNet for displaying and maintaining an excellent exhibition

May 24 – Launch of Central West Lifestyle Magazine (Narrandera Issue)

June – Vic McEwan Cad Factory / Western Riverina Arts Youth Project

### **COMMITTEE RESOLUTION**

Moved: Member Sue Killham

Seconded: Cr Barbara Bryon

That the committee

- 1 Receive and note update and upcoming events, bookings at the Arts and Community Centre.
2. send letter to NacNet for displaying and maintaining an excellent exhibition

**CARRIED**

## **6.4 ARTS AND COMMUNITY CENTRE REVENUE AND EXPENDITURE**

### **COMMITTEE RESOLUTION**

Moved: Member Sue Killham

Seconded: Cr Barbara Bryon

Sue Killham to provide a review of the Arts and Community Centre Revenue and Expenditure Financial Report as at 8<sup>th</sup> February 2019.

**CARRIED**

## **6.5 ARTS CENTRE FEES AND CHARGES**

Fees and charges have been updated for 2019-2020.

- Museum charges have been updated as per advice from the Parkside Volunteer committee.
- Arts Centre fees have been increased by 2.5% as per finance recommendation.

**COMMITTEE RESOLUTION**

Moved: Member Sue Killham  
Seconded: Ms Julie Briggs

That the Committee discussed current fees and charges

**CARRIED**

**6.6 2018-2019 BUDGET**

Sue to circulate draft budget to committee.

**COMMITTEE RESOLUTION**

Moved: Member Sue Killham  
Seconded: Cr Barbara Bryon

That the review and amend the 2018-19 Budget.

**CARRIED**

**6.7 ACTION LIST / KEY REGISTER**

Discussion on action list including updating items\

Updated action list will be circulated to committee with next agenda

**COMMITTEE RESOLUTION**

Moved: Cr Tracey Lewis  
Seconded: Ms Julie Briggs

That the Committee update action list and key register

**CARRIED**

**6.8 NARRANDERA ARTS AND COMMUNITY CENTRE PROSPECTUS**

Discussion on more information and creativity to be brought into prospectus

Introduction of yearly fees for one room/ two rooms

Further discussion needed to allocate benefits of rooms etc

**COMMITTEE RESOLUTION**

Moved: Ms Julie Briggs  
Seconded: Cr Tracey Lewis

That the Committee review the Narrandera Arts and Community Centre Prospectus.

Include - 1 year sponsorship fee \$1250 for one room and \$2000 for both rooms.

**CARRIED**

**6.9 WAR PLANE PHOTO**

Discussion on use of war plane photo from Narrandera Shire Council building to the Parkside Cottage Museum.

Discussion on Council paintings to be circulated to different departments – rotation of photos

**COMMITTEE RESOLUTION**

Moved: Cr Barbara Bryon  
Seconded: Cr Tracey Lewis

That the Committee request to display the War Plane photo at the Parkside Cottage Museum which is currently on display in the Narrandera Shire Council building.

**CARRIED**

**7 CORRESPONDENCE**

Nil

**8 NEXT MEETING**

Monday 6<sup>th</sup> May 2019 at 10:30am

**9 MEETING CLOSE**

**The Meeting closed at 12pm.**

**The minutes of this meeting were confirmed by Chair of the Arts and Culture Committee on 26<sup>th</sup> February 2019.**

**Tony Taylor**

.....  
**CHAIRPERSON**

**15.2 MINUTES - RAILWAY STATION MANAGEMENT COMMITTEE - 20 FEBRUARY 2019****Document ID: 406362****Author: Corporate and Community Administration Officer****Authoriser: Deputy General Manager Corporate and Community****Attachments: 1. Railway Station Management Committee Minutes - 20 February 2019****RECOMMENDATION**

That Council

1. Receive and note the Minutes of the Railway Station Management Committee held on Wednesday 20 February 2019.

Minutes contain no committee resolutions for Council endorsement.

**MINUTES OF NARRANDERA SHIRE COUNCIL  
RAILWAY STATION MANAGEMENT COMMITTEE  
HELD AT THE RAILWAY STATION  
ON WEDNESDAY, 20 FEBRUARY 2019 AT 11AM**

**1 PRESENT**

Chair Cr Josie Middleton, Cr Barbara Bryon, Mr Tony Taylor, Member Tony Andracchio, Minute Taker Tiffany Thornton,

**2 APOLOGIES**

**COMMITTEE RESOLUTION**

Moved: Cr Barbara Bryon  
Seconded: Mr Tony Taylor

That apologies from Cr Tracey Lewis, Member Robyn Claibourne and Member Bob Manning be received and accepted.

**CARRIED**

**3 DECLARATIONS OF PECUNIARY INTEREST**

Nil

**4 CONFIRMATION OF PREVIOUS MEETING MINUTES**

**COMMITTEE RESOLUTION**

Moved: Cr Barbara Bryon  
Seconded: Mr Tony Taylor

That the minutes of the Railway Station Management Committee held on 14 November 2018 be confirmed.

**CARRIED**

**5 BUSINESS ARISING FROM PREVIOUS MINUTES**

Nil

**6 REPORTS**

**6.1 REVENUE AND EXPENDITURE DETAILS**

The Committee discussed closing of current account, funds transferred to Narrandera Shire Council account.

Committee will receive revenue and expenditure of accounts on regular basis.

**6.2 FEES AND CHARGES**

The Committee acknowledged the Fees and Charges to be endorsed by Council.

### **6.3 2018-2019 BUDGET**

The Committee acknowledged the draft 2018-19 budget.

### **6.4 ACTION LIST / KEY REGISTER**

Committee reviewed and gave updates on progress of Action list including

- fixing of ladies toilet door
- update on the light switches for Meeting room – awaiting John Holland response
- update on step – awaiting John Holland response
- Stove has been reported to Caretaker who will be contacting electrician
- Building compliance -fire including exit signage, evacuation signage and position of extinguishers
- Carparks and bus area lines to be painted once all exterior road and garden beds are completed. To be arranged with Works Coordinator for line marking.

Changes were also made to update the key register

### **6.5 BOOKING FORM - WITH INSURANCE**

The Committee read through the insurance information and acknowledged the presence of this information on the booking form.

The Committee again acknowledged NacNet is the final authoriser on all bookings.

### **6.6 RAILWAY STATION - CARETAKER DUTIES**

The Committee noted the duties of the Caretaker.

### **6.7 HERITAGE TRAIN - OCTOBER 2019**

#### **COMMITTEE RESOLUTION**

Moved: Cr Barbara Bryon

Seconded: Mr Tony Taylor

That the Committee receive and note correspondence from Soroptimist in regards to the Heritage Train visiting Narrandera October 2019.

Letter to be sent to Soroptimist and invoice for hire fee.

**CARRIED**

### **7 CORRESPONDENCE**

Nil

**8 NEXT MEETING**

Wednesday 15<sup>th</sup> May 2019 at 11am

**9 MEETING CLOSE**

**The Meeting closed at 12.10pm.**

**The minutes of this meeting were confirmed by the Chair of the Railway Station Management Committee on 22 February 2019.**

*Josie Middleton*

.....

**CHAIRPERSON**



**15.3 MINUTES - ECONOMIC TASKFORCE COMMITTEE (OPEN) 25 FEBRUARY 2019****Document ID:** 406526**Author:** Personal Assistant to General Manager and Mayor**Authoriser:** General Manager**Theme:** Our Economy**Attachments:**

1. **2019-02-25 Economic Taskforce MINUTES.pdf** [↓](#)
2. **2019-03-19 Economic Strategy Open 25 February.docx** [↓](#)

**RECOMMENDATION**

That Council receive and note the Minutes of the Economic Taskforce Committee meeting held 25 February 2019, together with the updated Economic Development Strategy (non-confidential).

**RECOMMENDATION**

That Council receive and note the Minutes of the Economic Taskforce Committee meeting held 25 February 2019, together with the updated Economic Development Strategy (non-confidential).

**MINUTES OF NARRANDERA SHIRE COUNCIL  
ECONOMIC TASKFORCE COMMITTEE  
HELD AT THE COUNCIL CHAMBERS  
ON MONDAY, 25 FEBRUARY 2019 AT 10.30AM**

Meeting opened at 10.34am

**1 PRESENT**

Cr Neville Kschenka, Cr David Fahey OAM, GM George Cowan, EDM Peter Dale, Cr Jenny Clarke OAM

**2 APOLOGIES**

**COMMITTEE RESOLUTION**

Moved: Cr David Fahey OAM  
Seconded: Cr Jenny Clarke OAM

That apologies from Cr Kevin Morris be received and accepted.

**CARRIED**

**3 DECLARATIONS OF PECUNIARY INTEREST**

Nil

**4 CONFIRMATION OF PREVIOUS MEETING MINUTES**

**COMMITTEE RESOLUTION**

Moved: Cr Jenny Clarke OAM  
Seconded: Cr David Fahey OAM

That the minutes of the Economic Taskforce Committee held on 26 November 2018 be confirmed.

**CARRIED**

**5 BUSINESS ARISING FROM PREVIOUS MINUTES**

Updates provided on:

1. Pensioner Village
2. Service Station developments at Gillenbah and Audley Street corner Newell Highway

**6 REPORTS****6.1 ECONOMIC DEVELOPMENT STRATEGY****COMMITTEE RESOLUTION**

Moved: Cr David Fahey OAM

Seconded: Cr Jenny Clarke OAM

That the Economic Taskforce Committee:

1. Receive, note, and discuss listed projects.
2. Endorse items written in Blue within the Economic Development Strategy, to be submitted as attachment to the next Council Business Paper Agenda for consideration in Open Council.
3. Endorse full Economic Development Strategy to be submitted as attachment to the next Council Business Paper Agenda for consideration in Closed Council.

**CARRIED**

**COMMITTEE RESOLUTION**

Moved: Cr David Fahey OAM

Seconded: Cr Jenny Clarke OAM

That the construction of a Return & Earn Bulk Receivable Station at Narrandera be investigated.

**CARRIED**

**COMMITTEE RESOLUTION**

Moved: Cr David Fahey OAM

Seconded: Cr Jenny Clarke OAM

That Council discontinue the Sister City relationship with Urumqi unless an obvious social and economic opportunity arises and stability returns to the province Xinjiang.

**CARRIED**

**7 GENERAL BUSINESS**

1. Narrandera Leeton Airport – REX passenger numbers have increased since the introduction of cheaper airfares.
2. Ambulance Paramedics numbers in Narrandera.
3. Unsightly businesses that need buildings cleaned and surrounding weed control.
4. Tourist Park buildings maintenance and repair.
5. Securing of unused premises corner Larmer and East Streets.
6. Mayor Kschenka reiterated the Rail decisions made at the February Council Meeting.

**8 CORRESPONDENCE**

Nil

**9 NEXT MEETING**

Monday 25 March 2019 at 10.30am in Council Chambers

**10 MEETING CLOSE**

The Meeting closed at 12pm.

The minutes of this meeting are confirmed for submission to Council.



.....  
**CHAIRPERSON**

1. Planning for the economy of the future  
**Initiative 1: Our Shire is 'Open for Business'**

A 'can do' attitude is fundamental to stimulating economic growth. To attract new business and investment and to ensure that our existing businesses continue to grow and prosper, Council will provide a positive, supportive and responsive investment environment.

Strategies		Key Actions		Progress
<b>1.1</b>	<b>Be a proactive, supportive and coordinated Council.</b>	1.1.1	Continue to employ an Economic Development Manager and provide funds and resources for economic development.	Achieved
		1.1.2	Establish an Economic Development Taskforce to drive economic development and implement this Strategy with Council, key industry and key community membership	Achieved
		1.1.3	Review Council's policies, plans and regulations to ensure that they facilitate and support development.	Ongoing
		1.1.4	Ensure that Council's systems and procedures for handling and processing development and investment enquiries are welcoming, stream-lined and customer service focussed.	Ongoing
		1.1.5	Purchase access to online, interactive statistical data and modelling tools (eg id profile, REMPLAN) to provide comprehensive demographic, social and economic data for the Shire.	REMPPLAN subscription renewed to 2019.
		1.1.6	Produce information and data that will assist businesses, investors and potential residents in their decision-making, and enable Council to monitor performance.	Effective use of REMPLAN into the future for development applications, grant applications etc. January 2019: REMPLAN introduces Business Analysis Model (BAM)
		1.1.7	Include comprehensive information on economic development and business assistance on Council's website.	Some progress statements removed in Non-Confidential version. Economic Development Strategy on Website. REX Community fare on website
<b>1.2</b>	<b>Continue to</b>	1.2.1	Strengthen relationships with Government Agencies,	<ul style="list-style-type: none"> <li>ED participates in RDA Riverina forums,</li> </ul>

Strategies		Key Actions		Progress
	<b>build partnerships and strategic alliances.</b>		regional organisations and service providers though: <ul style="list-style-type: none"> <li>• Active participation in regional programs, forums and workshops.</li> <li>• Briefing and updating these organisations on the Shire's needs and priorities.</li> <li>• Advocating strongly for improved facilities, infrastructure and services.</li> <li>• Ensuring that the Shire's priorities and projects are recognised in regional plans and strategies.</li> </ul>	RAMROC, Destination Riverina Murray and Thrive meetings. <ul style="list-style-type: none"> <li>• EDM attended Economic Development Officers Forum in Temora-27/9. Various speakers and networking.</li> <li>• Shire's priorities contained in Western Riverina Regional Economic Development Strategy (REDS) officially completed as at February 2019.</li> </ul>
		1.2.2	Build and strengthen strategic alliances with Councils within the Riverina Region and along strategic road and rail corridors.	Some progress statements removed in Non-Confidential version. <ul style="list-style-type: none"> <li>• Council provided letter of support for Wagga Wagga City Council's bid for the Qantas Cadet Training facility.</li> <li>• Working relationships with Western Riverina Councils known as Functional Economic Regions</li> </ul>
1.3	<b>Engage pro-actively with local businesses and business / industry organisations.</b>	1.3.1	Build knowledge and understanding of local economic sectors and businesses, including organising a program of industry briefings and tours for Councillors and Council staff.	<ul style="list-style-type: none"> <li>• EDM arranged Anton Barton, Executive Chairman of Bio-Ag to address a Narrandera Business Group breakfast on 21 May with other industry representatives invited also. He discussed his business operation and how it contributes to Narrandera's economy in terms of jobs etc.</li> <li>• EDM organised Council sponsored business breakfast on 31 July as an activity for Local Government Week. Narrandera Business Group invited as well as wider Narrandera business community.</li> <li>• Council participates in Small Business Month October with two main events Narrandera Activated and Narrandera Connected.</li> </ul>

Strategies		Key Actions		Progress
				<ul style="list-style-type: none"> <li>Mayor, GM and EDM inspected ProTen poultry facility on 23 July 2018.</li> <li>Narrandera includes Leeton in partnership arrangement with Rex Airline for Community Fares 5 year agreement.</li> <li>Attend regular meetings of Narrandera Business Group and attend new Narrandera Business Chamber meetings as appropriate</li> </ul>
		1.3.2	Encourage and facilitate opportunities for professional development, networking and innovation.	Some progress statements removed in Non-Confidential version. NSW Business Bus visited Narrandera again on 13 August.
		1.3.3	Establish effective networks and communication channels.	EDM has contacted and met with representatives of:- RDA-Riverina CEO Rachel Whiting, Destination NSW Riverina/Murray CEO Richie Robinson,, NSW Business Chamber Murray Riverina CEO, Andrew Cottrill, Riverina Skilled Migration Officer, Faye Anderson and Regional Director South West Office of Regional Development Margaret O'Dwyer, RAMROC CEO Ray Stubbs, Industry Capability Network Regional Manager Klaus Baumgartel, Port of Melbourne BDM David Bardos, ARTC Riverina BDM Joe Fealy and Nicola James, AusIndustry Regional Manager; site and administration managers at Yanco Agricultural Institute (Tocal College),
		1.3.4	Support business groups and networks.	EDM attends Narrandera Business Group meeting and discusses rolling program of guest speakers. EDM facilitated First breakfast meeting guest speaker on 21 May (Anton Barton) Subsequent meeting addressed by Michael Jones

Strategies		Key Actions		Progress
				<p>who made arrangements direct with Narrandera Business Group to address members on the Plains Water Droughtmaster project.</p> <p>Arranged for Manager Council Engagement, Easy to do Business Program, Service NSW to address Narrandera Business Group on 10 September.</p> <p>Major program of events organised for Small Business Month October with support from NSW Department of Industry.</p> <p>Narrandera <i>Activated</i> Business Forum on 4 October and Narrandera <i>Connected</i> Business event at new TAFE Connected Learning centre at Narrandera on 25 October.</p> <p>Attended Inaugural Meeting of Narrandera Business Chamber</p>
		1.3.5	Harness skills and experience available in the Shire and surrounding region (eg through forming task forces and working groups) to address specific challenges and realise opportunities.	<p>To be addressed as opportunities and shared purposes arise.</p> <p>Negotiate with Klaus Baumgartel of ICN for audit of services in Narrandera Shire to support the imminent development requirements for the 3 new solar farms.</p> <p>Organise small taskforce from the community to address the goods and services audit for solar farm development.</p> <p>Organised Steering Committee for Central West Lifestyle Magazine project.</p>
1.4	<b>Build a strong, positive profile for Narrandera Shire.</b>	1.4.1	Implement the branding strategy and signage strategy.	<p>EDM, EDO and Tourism Team Leader discussing strategy approach and budget. Redundant signs identified and property owner's permission obtained to remove signs.</p> <p>Removal of signs almost completed.</p> <p>10 Shire entry signs designed and costed and locations determined for installation. Installation commenced and scheduled for completion by end of February 2019.</p>



Strategies		Key Actions		Progress
				Options to progress development of 3 Narrandera Town entry signs to be considered by Council Feb 2019 Red Hill Industrial Estate sign at Cnr Newell Hwy and Barellan Rd is replaced with prominent and highly visible sign.
		1.4.2	Develop and implement a communications strategy, including articulating key messages.	Reinforce process with ED staff for communicating event arrangements to ensure no breakdown in arrangements.
		1.4.3	Build the Shire's digital presence, including launching a new Council website, embracing social media and capitalising on opportunities provided by third party data bases, websites and apps.	Development of Council website underway. EDO is on development team. Partnership with BEC for a digital and online marketing workshop on 6 December 2018. Review Federal Government's National Digital Economy Strategy released Dec 2018 titled "Australia's Tech Future". "Review Federal Govt Small Business Digital taskforce Report March 2018.
		1.4.4	Effectively market and promote the Shire, to raise its profile and increase awareness of its strengths, assets and opportunities.	<ul style="list-style-type: none"> <li>• New glossy collateral in form of Industry Prospectus, Red Hill Estate Marketing Brochure and Lifestyle flyer now available to support marketing activities. Four videos produced featuring testimonial from three Red Hill Industrial Estate businesses. The collateral launched on Tuesday 5 June at TAFE.</li> <li>• Investigate the opportunity to feature in the Central West Lifestyle Magazine. Promote this opportunity to a business forum in Narrandera on 4 October</li> <li>• Council approves inclusion of a 100 page feature in the Winter 2019 edition of the magazine. Steering committee formed. EDM attends Tumut/Snowy Council magazine launch Feb 16, 2019.</li> </ul>

Strategies		Key Actions		Progress
		1.4.5	Encourage the community to be advocates for the Shire, including speaking about the positives.	Positive testimonials collected from participants in business training programs, new residents, industry members, and visitors via Visitor's Centre.
		1.4.6	Re-develop the Narrandera Visitor Information Centre as focal point for both tourism and economic development.	<ul style="list-style-type: none"> <li>Funding dependent. An application in late 2017 for funding to develop a cultural centre incorporating the Visitor's Centre function was unsuccessful. Feedback has been received and a further enhanced application will be made under Environment and Tourism Fund should this fund continue into 2018. Fund announced August 2018 but guidelines too restrictive for our project as minimum application threshold amount is \$5 million.</li> <li>Current application underway to the Regional Growth Cultural Fund for development of the Frontiers and Futures facility on Cadell Street. However, change in guidelines meant full application required, detailed design, costings etc Insufficient time to generate detailed design and implication of significant costs to do this. Application discontinued.</li> <li>Investigate the possibility of making an application for funding for a new VIC/Cultural centre through the Building Better Regions Grants program-Tourism Infrastructure. Convene a meeting with stakeholders to plan the application, determine scope and ensure proposed facility is fit for purpose.</li> <li>Robust application made to Building better Futures Fund Round 3-Tourism Infrastructure for Narrandera Destination and Discovery Hub total cost \$2.5 million.</li> <li>Further application made for funding for the</li> </ul>

Strategies		Key Actions		Progress
				Destination and Discovery Hub as a component of the Playground on the Murrumbidgee Project. <ul style="list-style-type: none"> <li>Evidence that in the past Nature Tourism was becoming successful. EDM addressed July Council meeting on ECO Tourism-Nature Tourism opportunities for Narrandera. Staff member attended National Koala conference and provided extensive report with recommendations on nature tourism opportunity in Narrandera. Review Murray Riverina Destination Management Plan 2018 just released.</li> </ul>
✓	Additional resources required in Year 1 to build the framework to support implementation in Years 2 and 3.			

**Initiative 2: Enhancing our Liveability**

Lifestyle and work-life balances play a major role in relocation and investment decisions. Working with our community, Narrandera Shire Council will continue to develop, position and promote Narrandera Shire as:

- A welcoming, caring and safe community.
- Having quality, comprehensive facilities and services.
- Offering a contemporary, vibrant, affordable lifestyle in a physically attractive setting.
- Providing a positive business environment with strong locational advantages and diverse investment opportunities.

Strategies		Key Actions		Progress
2.1	<b>Continue to improve presentation –</b>	2.1.1	Implement the Narrandera CBD Masterplan – subject to funding and staging –further developing the town centre as an attractive place to shop and	Some progress statements removed in Non-Confidential version.

Strategies		Key Actions		Progress	
	<b>creating positive first impressions.</b>		socialise, including provision of free public WIFI in main street.	<ul style="list-style-type: none"> <li>Gateway treatment for entry to Red Hill Industrial Estate-flagpoles, landscaping, clearing and sign. DGMI put amount in budget 2018-2019. New colourful and prominent 3mx2m billboard and 7 'for sale' signs erected on NSC land in the estate.</li> <li>Shire boundary welcome signs designed and costed and locations mapped for installation. Installation commenced and due for completion by end of Feb 2019.</li> <li>Refer 1.4.1 for Town entry signage</li> </ul>	
		2.1.2	Develop attractive gateway arrival points and entry corridor to the Shire, Narrandera and villages.		
		2.1.3	Improve the presentation of the Shire's industrial areas.		
2.2	<b>Enhance lifestyle.</b>	2.2.1	Continue to improve and expand recreation, sporting and leisure facilities within the Shire.	<ul style="list-style-type: none"> <li>\$673,000 funding received from NSW State Government under the Stronger Country Communities Program for upgrade works at Marie Bashir Park and for Barellan Sportsground amenities.</li> <li>EDO assisted Narrandera Golf Club with an application for a Club's Grant.</li> <li>Forestry Nursery land interest – Council's offer was unsuccessful.</li> <li>EDO contributed to three funding applications under the Stronger Country Communities Fund Round 2 (Lake Talbot facilities and Bolton Street upgrade) and Regionals Sports Infrastructure Fund (Lake Talbot Water Park upgrade).</li> </ul>	
		2.2.2	Develop and diversify arts and cultural activities.		<ul style="list-style-type: none"> <li>EDM and EDO visited Cad Factory and met with principals and BDM to discuss a diversified arts and cultural relationship with Narrandera.</li> </ul>
		2.2.3	Continue to develop and promote a dynamic and vibrant program of events and activities.		<ul style="list-style-type: none"> <li>Express support for possible future Annual General Meeting of NSW National Party in Narrandera in 2020.</li> </ul>
2.3	<b>Advocate for the retention and expansion</b>	2.3.1	Advocate for improved child care, health care, aged care and social assistance facilities and services within the Shire.	Advocacy has been successful in retaining a strong presence of Service NSW in Narrandera. Advocacy has continued re the location of the Service NSW	

Strategies		Key Actions		Progress
	<b>of facilities and services.</b>			Centre with the result that a central location at 4 & 6 Twynam St is now the preferred option and has been endorsed by the relevant Minister. Plans have been presented to NSC by Service NSW and renovations have been costed by NSC and Service NSW Architects have inspected the premises. Discussions to be held with DGMI and EDM and Service NSW representatives for final scope of works responsibilities and determination of rental structure. Strategy included in Western Riverina REDS.
		2.3.2	Ensure that facilities and services have the capacity to support 'aging in place'.	
		2.3.3	Explore options / advocate for improved education outcomes within the Shire, including the re-opening of the Grong Grong Public School (if warranted), and the redevelopment of the TAFE campus as a ONE TAFE Flexible Learning Centre.	The Grong Grong School Building was sold in 2017.
<b>2.4</b>	<b>Encourage and support opportunities for community development.</b>	2.4.1	Explore opportunities for providing information, activities and programs that will help new residents and people on temporary work visas assimilate into the community.	Liaise with RDA skilled migration unit.
		2.4.2	Continue to support activities (eg events, sport, creative arts etc) that encourage engagement and social inclusion and build pride in, and commitment to, the local community.	Some progress statements removed in Non-Confidential version.
		2.4.3	Support community initiatives to develop, grow and enhance the liveability of the Shire	ED Dept. continues to contribute to preparation of funding applications such as Stronger Country Communities, Fixing Country Roads, Regional Growth Fund etc. Narrandera Imperials Football Netball Club has been invited to apply for funds to build a new Club House through the NSW Govt's Regional Sports Infrastructure Fund. ED staff have assisted with preparation of the Business Case and other requirements where needed.

Strategies		Key Actions		Progress
<b>2.5</b>	<b>Attract new residents.</b>	2.5.1	Develop and implement a Resident Attraction and Retention Strategy.	Participation in Country Change. Production of a Lifestyle Flyer for use by local industry to attract workers. Major project is collaboration with publishers of Central West Lifestyle Magazine for Narrandera to feature solely in a 100 page feature in the Winter 2019 edition of the magazine.

**Initiative 3: Economic Growth and Diversification**

Economic growth will come through growing and strengthening existing economic activities and businesses, and attracting new businesses and investment.

Strategies		Key Actions		Progress
<b>3.1</b>	<b>Encourage and nurture business start-ups.</b>	3.1.1	Provide access to information and business advisory services.	<ul style="list-style-type: none"> <li>Negotiating with Services NSW for development of a service centre in CBD of Narrandera. Site in Twynam St under consideration, plans provided by Service NSW valuer for operational requirements. Building assessment and costings completed for suitability for purpose. Indicative rent to be advised to Service NSW when scope of works agreed between parties.</li> <li>Awaiting advice from Service NSW of final plans and area to be leased. DGMI coordinating this project</li> </ul>
		3.1.2	Assess feasibility of hosting business start-up events to link people with business ideas to business advisory and support services (eg Many	Narrandera Business Group to commence seminar/workshop program with BEC commencing 28 May. MTTL has facilitated attendance of Sandhills

Strategies		Key Actions		Progress
			Rivers, BEC etc).	Artefacts at a NSW Aboriginal Tourism Workshop in Wagga and re an on-site hosting of a famil for Destination NSW personnel. Easy to do Business Program to be implemented by Council and Manager Council Engagement for the program to address Narrandera Business Group on 10 September
3.2	<b>Support and nurture existing businesses.</b>	3.2.1	Provide access to information, advice and leverage opportunities for information sharing.	EDM facilitating business breakfasts under auspices of Narrandera Business group to share information to be provided by representatives of larger industries operating in Narrandera.
		3.2.2	Encourage and support 'buy local' initiatives.	The Narrandera Business Group held a business breakfast on 14/4 and provided members with promotional items (door mat and bags) in support of the Buy Local campaign. NBG erect large 'Buy Local' signs at strategic CBD locations. Buy local message in Council communique.
		3.2.3	Raise awareness of business advisory and support services and encourage businesses to participate in business and skills development programs.	ED maintains a business distribution list and uses it to share information re opportunities for businesses in the Shire. Business Bus, as part of NSW Government Business Connect program, visited Narrandera on August 13.
		3.2.4	Facilitate opportunities for professional development, networking and innovation.	<ul style="list-style-type: none"> <li>• INNOVATION</li> <li>• NRMA Electric Vehicle Fast Charger successfully installed in Twynam st adjacent to Marie Bashir Park</li> </ul> Some progress statements removed in Non-Confidential version.
		3.2.5	Identify training programs and resources available on-line from Government Agencies and training providers and provide links to these from the Economic Development page of Council's website.	Local Government NSW sponsors Inclusive Tourism: Economic Opportunities. A new online learning course now available to explain how you can better service this market. VIC staff to undertake.

Strategies		Key Actions		Progress
		3.2.6	Raise the profile of local businesses by providing opportunities to showcase, market and promote businesses products and services.	New visitor guide completed, new Industry Prospectus, Red Hill Industrial Estate new brochure and new lifestyle insert all available.
		3.2.7	Encourage businesses to list on relevant industry data bases and websites and participate in programs such as trade missions.	As advised to NBG
		3.2.8	Encourage and assist local businesses to register on Federal, State and Council procurement data bases.	Developing relationship with Klaus Baumgartel, Regional Manager for Industry Capability Network to assist local industry connect with procurement data bases. Klaus to make contact with Uarah Fisheries and solar power companies considering locating in Narrandera Shire.
		3.2.9	Work with major project proponents to identify the goods and services required and provide introductions to local businesses.	Refer to Klaus Baumgartel, Regional Manager Industry Capability Network (ICN) who specialises in this field. Local businesses surveyed to determine interest in providing goods and services to the EPC contractors which will bid to build the 3 new solar farms planned for the Shire. Spreadsheet developed for easy reference detailing respondents and their goods/services/contact details.
		3.2.10	Encourage and assist businesses to prepare for the NBN and embrace digital / on-line business and marketing opportunities.	Some progress statements removed in Non-Confidential version. <ul style="list-style-type: none"> <li>Met with Field Solutions personnel together with NSC IT personnel to discuss range of their alternative telecommunications and digital services.</li> <li>Partner with BEC Small Business Advisory Service to present a Digital and Online Marketing workshop on 6 December</li> </ul>
		3.2.11	Facilitate access by business and community groups to funding programs.	A data base of funding programs is maintained and provided to community groups. Media releases and funding program announcements emailed to business



Strategies		Key Actions		Progress
				group database.
3.3	Strengthen and grow key sectors.	3.3.1	<b>Agriculture and Agri Business</b>	
			<ul style="list-style-type: none"> <li>Develop a producer data base and establish networks and communication channels.</li> </ul>	<p>Sandigo Solar farm 2018-01-30 – Developers have met with Council on the proposal.</p> <p>Sandigo or Avonlie Solar project, an initiative of Renewable Energy Systems (RES), was explained during community consultation sessions. RES has proposed a \$250,000 community fund component as one of its initiatives. This proposal is currently being reviewed by staff. Avonlie scheduled to provide notice to proceed in March 2019 with commercial operation May 2020.</p>
			<ul style="list-style-type: none"> <li>Continue to advocate for water security.</li> </ul>	<p>Proposal for support for Plains Water Ltd about project to rebuild Ardlethan pipeline 50km with benefit to 150 dryland farmers and Grong Grong village re-submitted to Council at its 15 May meeting. Council resolved to Receive and Note the report. Michael Jones MD for Plains Water address NBG on Monday 18/6. Mr Jones addressed Council at its 21 August meeting. Council resolves to provide in principle letter of support. Letter of support provided. Meet with Plains water Engineering Consultants.</p> <p>Council facilitates a Drought Assistance initiative in September as an arrangement with Dept of Industry to repurpose funding to provide expert business advice to farmers across the Shire utilising repurposed Business Connect Bus. Letters to State and Federal Water ministers advocating support for farmers with increased water allocations for them in times of drought.</p>

Strategies		Key Actions		Progress
			<ul style="list-style-type: none"> <li>Encourage and support adoption of new activities and technologies, sustainable land management practices, and innovative business models.</li> </ul>	<p>NRMA completes installation of Electric Vehicle Fast Charger with Council's support, in Twynam st. Refer 3.2.4</p> <p>Final drawings received and power supply plan addressed.</p>
			<ul style="list-style-type: none"> <li>Advocate for and assist producers to develop strategies to address labour and skills shortages and develop the local workforce.</li> </ul>	<p>EDM attended Workforce Futures Forum presented by RDA Riverina in Griffith on 10 May.</p> <p>Piggery Forum held in Narrandera addressed by industry experts on 30 August. 45 people present.</p>
			<ul style="list-style-type: none"> <li>Explore opportunities for and encourage development of new processing and value-adding opportunities and utilisation of waste products.</li> </ul>	<p>Some progress statements removed in Non-Confidential version.</p>
		3.3.2	<b>Aquaculture</b>	
			<ul style="list-style-type: none"> <li>Support the expansion of the aquaculture industry within the Shire.</li> </ul>	<p>Some progress statements removed in Non-Confidential version.</p>
			<ul style="list-style-type: none"> <li>Build skills and knowledge about the industry within Council and the local community.</li> </ul>	<p>Ongoing</p>
			<ul style="list-style-type: none"> <li>Explore the possibility of positioning the Narrandera Fisheries Research Centre as a Centre of Excellence for the Murray Cod industry.</li> </ul>	<p>Some progress statements removed in Non-Confidential version.</p> <p>Meet with Manager Narrandera Fisheries and establish partnership arrangement for development of large inland fish aquarium at proposed Narrandera Destination and Discovery Hub.</p> <p>Narrandera Fisheries selected as safe facility to relocate distressed Murray Cod and other species transferred from other environments under stress as a result of the drought.</p>
		3.3.3	<b>Retail &amp; Wholesale</b>	
			<ul style="list-style-type: none"> <li>Position and promote Narrandera as a lifestyle centre.</li> </ul>	<p>A Lifestyle insert has been produced. It will be used in association with the Country Change Program and to support the Red Hill Industrial Estate Prospectus and the Industry Prospectus and other collateral produced as part of the Red Hill Estate Front &amp; Centre Project</p>

Strategies		Key Actions		Progress
				part funded by Premier & Cabinet. Narrandera to feature in 100 page special feature in Winter 2019 edition of Central West Lifestyle Magazine.
			<ul style="list-style-type: none"> <li>Encourage and facilitate training (customer service, merchandise display, e.commerce etc)</li> </ul>	EDM addressed VIC team meeting at team session in April on customer service. VIC team to complete online learning course on Inclusive Tourism to understand how to deliver tourism services and products that make people of all abilities feel welcome and wanted as customers. Narrandera Activated, a Small Business Month October Event, is addressed by Marguerite Bell of Retail Life, a leading marketing/retail/merchandising consultant.
			<ul style="list-style-type: none"> <li>Encourage development of and participation in cooperative marketing and promotional campaigns.</li> </ul>	Invited Griffith, Leeton and Lockhart to send brochures with staff to Adelaide for Caravan and Camping Expo. New Country Change promotion by RDA is imminent. Country Change program launched by RDA.
		3.3.4	<b>Tourism / Visitor Economy</b>	
			<ul style="list-style-type: none"> <li>Continue to develop products, experiences and activities, including events.</li> </ul>	<p>Debrief meeting with Steven Alldrick Event Organiser of the Easter Rod Run. He wishes to install permanent signs on the highways into Narrandera promoting the fact that the Rod Run is held in Narrandera every Easter. He will design and build signs and has requested Council's assistance to locate suitable sites and to install signs. Awaiting sign designs from Mr Alldrick.</p> <p>Mr Alldrick visits Narrandera in September and meets with Council and community stakeholders. Planning is underway for 2019.</p> <p>Mr Alldrick and father Ray attend meeting in Feb 2019 and discuss arrangements for Easter 2019 event. Steven Alldrick agrees to meet cost of 6 street banners each 2000mmx850mm using design supplied</p>

Strategies		Key Actions		Progress
				<p>by his Hot Rod Group. Council will match this by meeting cost of 6 street pole mounted banners at Gillenbah.</p> <p>Street plan reviewed and Marie Bashir Park Plan for Hot Rod event reviewed.</p>
			<ul style="list-style-type: none"> <li>• Continue to improve infrastructure, facilities and services for visitors</li> </ul>	<p>Awaiting opening of Environment and Tourism Fund to complete application for funds to redevelop the VIC as a cultural and interpretational centre with various services including traditional VIC Services.</p> <p>The above fund does not have compatible guidelines with minimum application threshold at \$5 million.</p> <p>Current application to Regional Growth Cultural Fund to develop new cultural Frontiers and Futures Centre in Cadell St. discontinued as a result of design and cost requirements.</p> <p><u>Redevelopment of VIC/Cultural Centre.</u></p> <p>Researching feasibility of making application to Building Better Regions Grants round for Tourism Infrastructure. Scope out purpose, fine tune design for deadline 15 November 2018.</p> <p>Funding application submitted in accord with BBR guidelines for Narrandera Destination and Discovery Hub.</p>
			<ul style="list-style-type: none"> <li>• Update and improve information and promotional collateral.</li> </ul>	<ul style="list-style-type: none"> <li>• New Narrandera Shire Visitor Guide now available. Staff are updating pet friendly promotional material, heritage walk information and car touring routes around the region.</li> <li>• Agri-Australis-discuss possibility of a Nut Festival or include with John O'Brien Bush Festival. Ideas include a pop-up nut shop etc. Possible meeting with Claudio to discuss future developments and proposals.</li> <li>• Enquire of Claudio if any interest in producing</li> </ul>

Strategies		Key Actions		Progress
				<ul style="list-style-type: none"> <li>hazelnut oil.</li> <li>Meeting held with Claudio to include GM and EDM and strong support given by him for support of events, festivals etc.</li> </ul>
			<ul style="list-style-type: none"> <li>Effectively market and promote the Shire, including implementing the branding strategy and expanding the Shire's on-line presence and capitalising on digital and social media opportunities.</li> </ul>	<ul style="list-style-type: none"> <li>Facebook - promoting Narrandera events e.g. QBR, Australia Day, John O'Brien Bush Festival, Hot Rod Rally, Koala Count, Lake Talbot Swimming Complex.</li> <li>Attendance at Adelaide Caravan &amp; Camping Show to over 21,000 people.</li> <li>New Narrandera Shire Visitor Guide completed.</li> <li>Awaiting release of National Digital Strategy.</li> <li>Shire to feature in a 100 page+ special feature in the Central West Lifestyle Magazine Winter 2019 edition.</li> </ul>
		3.3.5	<p><b>Transport and Logistics</b></p> <ul style="list-style-type: none"> <li>Leverage off Narrandera's strategic location to position and develop the Shire as a road transport hub.</li> </ul>	<ul style="list-style-type: none"> <li>Scheduled construction of a dual purpose Truck Wash at Red Hill Industrial Estate supports this. Also supported by the Redhill Estate Front &amp; Centre Project with video \$,) print (3) and signage (billboard + 4 For Sale) collateral.</li> <li>Also - advocacy for inclusion of development of Narrandera as transport hub in Regional Economic Development Plan.</li> <li>Lobby for development of unbroken AB Triple routes in the region.</li> <li>Contact made with major transport companies outlining Narrandera's strategic location at junction of two major highways and strategic rest point.</li> </ul>
		3.3.6	<p><b>Health Care &amp; Social Assistance</b></p> <ul style="list-style-type: none"> <li>Advocate for continued improvements in health, aged care and social assistance services, programs and facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Working with Service NSW to re-locate to central position – provide services relating to 14 govt. agencies. Services NSW assessing suitability of CBD property.</li> <li>2018-01-30 Consultation with community</li> </ul>

Strategies		Key Actions		Progress
				<p>conducted at location of Coles.</p> <ul style="list-style-type: none"> <li>Announcement by local MP Steph Cooke of \$673,000 grant for upgrade of Marie Bashir Park \$400,000+ and Barellan Sportsground \$300,000. The Aged Care project for Barellan and small project at Grong Grong were eliminated as they did not reach the \$100,000 threshold.</li> <li>2018-01-30 – That Council approach leading Aged Care providers including RSL Care and other appropriate organisations to consider the development of a low care aged care facility in Narrandera.</li> </ul>
3.4	Target and attract new businesses and activities.	3.4.1	Investigate possible investment attraction incentives and formulate an Economic Development Assistance Policy that articulates the support that Council can offer new businesses and investors.	Red Hill Industrial Land for Sale Policy ES270 amended.
		3.4.2	Produce information and promotional collateral – in both digital and print formats.	See above – collateral: Industry Prospectus, Redhill Prospectus, Lifestyle Insert, 4 Redhill Videos, billboard sign, Land For Sale signs.
		3.4.3	Participate in forums, expos, trade missions etc that have the potential to bring new businesses / investment into the Shire.	Ongoing.
		3.4.4	Explore opportunities to leverage off Council's Sister City programs.	Current relationship with Urumqi is problematic given ongoing serious ethnic unrest in that city and its region, Xinjiang. As at November no response to August 2018 Communication to Chinese Ambassador seeking support for relationship with Urumqi. Feb 2019 still no communications from Chinese Ambassador
		3.4.5	Investigate the potential of emerging / new activities:	Opportunities discussed to capitalise on the Smart Cities funding program, in particular the opportunity to

Strategies		Key Actions		Progress
			<ul style="list-style-type: none"> <li>Government and service sector</li> <li>Intensive agriculture</li> <li>Niche / boutique agriculture and agri-businesses</li> <li>Manufacturing – value-adding and processing</li> <li>Renewable energy and use of waste products</li> </ul>	develop projects around the renewable energy, solar farm developments planned for Narrandera Shire. Ongoing development with 3 renewable energy companies developing major solar farms in the Shire.
		3.4.6	Market the Shire's strengths, assets and opportunities.	See above. Also recent launch of new Visitor Information Booklet. ongoing

**Initiative 4: Planning for the Economy of the Future**

Economic development is dependent upon having suitable land and premises and utility and transport infrastructure to accommodate and facilitate growth as well as access to a work force. The focus will be on ensuring that these 'foundation blocks' are in place.

Strategies		Key Actions		Progress
<b>Land &amp; Premises</b>				
4.1	<b>Ensure sufficient supply of land and premises to facilitate and support growth.</b>	4.1.1	Annually review land use plans and strategies to ensure sufficient land is zoned to accommodate growth for industrial and residential activities.	Reviewed 2017
		4.1.2	Investigate the need for a light industrial / business park land and/or premises in Narrandera, and if needed, encourage owners of vacant and/or underutilised land in the Narrandera West (Leeton Road) and Pine Hill Industrial Estates to bring this land into production (subdivision, sale, lease or development).	To be reviewed
4.2	<b>Facilitate further development of the Red Hill Industrial Estate.</b>	4.2.1	Retain general / heavy industry zoning and preserve buffer areas around the Estate.	Buffers are noted as an important selling point in our Redhill Marketing and Communications Strategy.
		4.2.2	Develop a sales policy for Council-owned land in the	Under consideration

Strategies		Key Actions		Progress
			Estate that provides incentives for developers, fosters a quick development timeline, and discourages land banking.	
		4.2.3	Formulate and implement a marketing plan for the Estate that includes quality promotional material and supporting information, as well as conceptual subdivision layouts and servicing plans.	Current. See earlier comments. New bright 'for sale' signs and 3mx2m billboard erected on Red Hill Industrial Estate. Gateway entrance markers in advanced stages of planning. Promotional flyer provided to real estate agents who have listed Red Hill Industrial Estate for sale.
		4.2.4	Organise famils of the Estate (and Narrandera) for regional development agency (eg RDA, Industry NSW, BEC) staff and regularly update these agencies regarding the availability of commercial and industrial land and premises within Narrandera.	Under consideration.
		4.2.5	Advocate for Government Funding to assist in providing enabling infrastructure to facilitate subdivision and development.	ED Dept contributed to successful submission re Truckwash under Fixing Country Truckwash Grant.
4.3	Ensure that the power supply can accommodate growth.	4.3.1	Advocate for on-going improvements in the power supply in Narrandera Shire.	Consideration being given as a component of the Smart Cities funding program.
		4.3.2	Advocate for and assist local businesses access grant funds for 'last mile' infrastructure.	For consideration
		4.3.3	Support the development of renewable / green energy producers within the Shire.	Currently 3 renewable energy groups planning developments in the Shire. Public consultations held in March in Narrandera and in locations under consideration for solar farm development. Council updated by Reach Solar Energy representatives on satisfactory progress of Yarrabee Park Solar project. Esco Pacific development at Sandigo approved by Department of Planning. Will not progress until their Finley Solar Farm is built. Yarrabee Park project (Reach Solar) is approved and possible commencement construction mid-2019. RES approval imminent.



Strategies		Key Actions		Progress
4.4	<b>Improve telecommunications.</b>	4.4.1	Develop and implement a Digital Strategy in consultation with industry and community groups.	Monitor development of National Digital Strategy for compatibility. National Digital Strategy released Dec 2018. Under review.
4.5	<b>Increase the capacity of the road network in the Shire to accommodate increased truck movements and higher productivity vehicles.</b>	4.5.1	Develop a Road Improvement Strategy, identifying strategically important production and freight routes within and through the Shire and the works required to remove 'pinch points' and expand capacity to accommodate HPVs.	Flood-proofing of Sturt Hwy at Gillenbah included in Regional Economic Development Strategy for Western Riverina.
		4.5.2	Advocate for the Shire's road needs to be included in regional and State freight and transport strategies.	Refer Draft NSW Ports and Freight Plan and Western Riverina REDS.
		4.5.3	Advocate for and seek funding to upgrade and maintain strategically important roads.	As above. Brought to attention of Federal Minister for Local Government the Hon Dr John McVeigh at a RAMROC Councils meeting held in Albury on 15 May.
4.6	<b>Provide infrastructure and facilities to support the road transport sector.</b>	4.6.1	Plan for improved infrastructure and/or facilities for trucks in Narrandera – Gillenbah and Barellan.	Truckwash to be constructed at Redhill. DA now in the planning system.
4.7	<b>Continue to improve rail infrastructure.</b>	4.7.1	Advocate for ongoing improvements to the Hay Branch line (Junee through to Griffith via Narrandera), taking the line from Class C to Class A to facilitate longer and heavier trains.	ARTC proposing to improve the line to accommodate 80ft flat top rolling stock with 25 tonne axle capacity to take 2x40ft containers. Govt allocates \$60 million for line improvements.
		4.7.2	As required, support rail and freight service providers secure 'paths' for rail freight from the Western Riverina.	Ongoing. Refer Western Riverina REDS.  EDM and GM attend National Supply Chain Freight and Logistics Strategy Scenario Planning workshop in Griffith on 9 Oct. Meet with Hermione Parsons of Deakin University do discuss possibility of future alternative study for Narrandera if Lycopodium study unable to be used.

Strategies		Key Actions		Progress
				Executive summary from Transport NSW received Feb 2019. Localised and independent freight demand study under consideration in partnership with Leeton and Griffith.
4.8	<b>Plan for freight infrastructure to meet growing demand</b>	4.8.1	Liaise with local producers (eg Agri Australis, Proten, Grants Sawmilling, Hutchins Bros Engineering) to determine likely future freight transport requirements.	Discussions with Patersons transport re local/regional freight task. Consider in context of Lycopodium report. Document remains confidential to Council.
		4.8.2	Advocate to have the Narrandera-Tocumwal rail corridor recognised as strategic infrastructure and protected and preserved for future use.	Ongoing. Transport NSW have appointed a project manager to lead the process and are currently seeking cost estimates from John Holland to carry out the engineering assessment component. Council has also approached Shepparton City Council to facilitate an approach to the Victorian Government to provide funding for a Feasibility Assessment in Victoria. Cr Hall engaged in high level discussions with key industry and political influences and decision makers. Also investigating funding from the Federal Government. Council meeting in May with consultants conducting part of the feasibility study. Consultants Lycopodium conduct feasibility study workshop in May with strong attendance. Study completed and released to Council as a Confidential Report. Council to consider and review Executive Summary of the report that can be made available to the public, received February 2019.
		4.8.3	Plan for a small intermodal terminal / freight receival site in Narrandera.	Amazon has been provided with relevant information highlighting Narrandera as a potential site for an Amazon distribution facility. 22/3/18

Strategies		Key Actions		Progress
4.9	<b>Retain commercial air services to Narrandera.</b>	4.9.1	Continue to upgrade the Narrandera – Leeton Airport to ensure on-going compliance.	Give consideration to future proofing the airport infrastructure with possible aircraft type obsolescence. Potential development opportunity with Wagner Group interest in freight opportunities. Assess potential producers and processors, types of exports and tonnages and frequency of export for advice to Wagner’s. Advice again provided to Wagner’s on export task potential from Narrandera-Leeton airport, as at Feb 2019.
		4.9.2	Implement the Airport Strategic Plan.	ongoing
		4.9.3	Build patronage on the route by diversifying the market base – eg through growing the conference, meetings and events markets.	Venue guide produced in 2017. Community fare agreement negotiated with Rex for the benefit of airline commuters out of Narrandera/Leeton Airport. 5 year agreement with Rex commencing 4 October 2018.
4.10	<b>Diversify and improve accommodation available in the Shire.</b>	4.10.1	Monitor demand for motel and hotel accommodation and, when needed, advocate for the development of new accommodation within the Shire.	Tourism activities will now be reported to Council via this Strategic Plan Report. Barellan has gained recognition as an RV Friendly destination.
		4.10.2	Advocate for improved supply of rental housing and other accommodation for temporary and seasonal workers and position Narrandera as the accommodation hub to service the Narrandera – Leeton area.	EDM attends Workforce Futures Forum in Griffith on 10 May when discussion was held about overall accommodation shortages in the Western Riverina and consideration given to possible strategies to address.
		4.10.3	Undertake a review of camping areas and facilities in the Shire to maximise economic benefits.	For consideration.
4.11	<b>Grow the local workforce, ensuring that it is aligned with local and regional</b>	4.11.1	Profile and articulate existing and future local and regional workforce requirements and jobs and skills gaps.	Refer 4.10.2
		4.11.2	Work with regional organisations and education and training providers to address job and skill gaps and formulate and deliver ‘job readiness’ and skills	Refer 4.10.2

Strategies	Key Actions		Progress
<b>industry needs.</b>		development opportunities.	
	4.11.3	Participate in relevant employment and skills development programs and initiatives (eg the 'Grow our Own' program being implemented in the Western Riverina).	Refer 4.10.2
	4.11.4	Encourage proponents of major developments to 'grow their own' workforce by employing local residents and investing in training and skills development.	Refer 4.10.2
	4.11.5	Work with the Shire's Aboriginal community and residents who are socially disadvantaged, to improve training and employment outcomes.	For consideration
	4.11.6	Work with industry and businesses to attract skilled workers to the Shire to fill vacant positions and address skills gaps.	For consideration
	4.11.7	Investigate opportunities to harness skills of visitors to the Shire (eg retirees, back packers) to address labour shortages, particularly for seasonal work (eg harvesting, picking, truck drivers).	For consideration
	4.11.8	Advocate for improved access to education and training services and flexible approaches to workplace training, apprenticeships and traineeships.	Partnership event with new TAFE connected Learning centre in Narrandera on 25 October will provide invited business community guests to interact with senior TAFE personnel and hear presentation on new digital learning pathways from TAFE experts.
	4.11.9	Retain young people within the community, through programs such as school based vocational training, transition to work / work ready, offering apprentice and traineeships and providing access to tertiary training.	October 25 event will provide an excellent opportunity for the business community to understand the choices available at TAFE through the digital learning pathways available to young people.
	4.11.10	Develop and implement programs to welcome and orientate new employees and integrate them into the community.	For consideration

**16 OUR COMMUNITY****16.1 APPLICATIONS FOR FINANCIAL ASSISTANCE 2019- 2020 FINANCIAL YEAR****Document ID: 404634****Author: Corporate and Community Administration Officer****Authoriser: Deputy General Manager Corporate and Community****Theme: Our Civic Leadership**

- Attachments:**
- 1. 2019-2020 - Financial Assistance Grants Summary.pdf - Confidential (under separate cover)**
  - 2. 2018-12-18 - Financial Assistance Application - Vintage Restorers and Collectors Club Inc.pdf - Confidential (under separate cover)**
  - 3. 2019-01-07 - Financial Assistance Application - Domestic Violence.pdf - Confidential (under separate cover)**
  - 4. 2019-01-15 - Financial Assistance Application - Narrandera Shed for men.pdf - Confidential (under separate cover)**
  - 5. 2019-01-25 - Financial Assistance Application - Kamarah Hall .pdf - Confidential (under separate cover)**
  - 6. 2019-01-25 - Financial Assistance Application - Earlies Rod and Custom Club.pdf - Confidential (under separate cover)**
  - 7. 2019-01-29 - Financial Assistance Application - Airleague.pdf - Confidential (under separate cover)**
  - 8. 2019-01-29 - Financial Assistance Application - Rockin on East.pdf - Confidential (under separate cover)**
  - 9. 2019-01-30 - Financial Assistance Application - Lions Club.pdf - Confidential (under separate cover)**
  - 10. 2019-01-30 - Financial Assistance Application - Rotary.pdf - Confidential (under separate cover)**
  - 11. 2019-01-30 - Financial Assistance Application - Bowling Club.pdf - Confidential (under separate cover)**
  - 12. 2019-01-31 - Financial Assistance Application - Radio.pdf - Confidential (under separate cover)**
  - 13. 2019-01-31 - Financial Assistance Application - Showground Trust.pdf - Confidential (under separate cover)**
  - 14. 2019-01-31 - Financial Assistance Application - Landcare.docx - Confidential (under separate cover)**
  - 15. 2019-02-01 - Financial Assistance Application - Cad Factory.pdf - Confidential (under separate cover)**
  - 16. 2019-02-01 - Financial Assistance Application- Netball Association.pdf - Confidential (under separate cover)**
  - 17. 2019-02-04 - Financial Assistance Application - Preschool on Dixon.pdf - Confidential (under separate cover)**
  - 18. 2019-02-01 - Financial Assistance Application - Show Society.pdf - Confidential (under separate cover)**
  - 19. 2019-02-01 - Financial Assistance Application - Senior Rugby League.pdf - Confidential (under separate cover)**
  - 20. 2019-02-01 - Financial Assistance Application -Junior Rugby League.pdf - Confidential (under separate cover)**
  - 21. 2019-02-01 - Financial Assistance Application - Numeralla Wildlife Care.pdf - Confidential (under separate cover)**

- 22. 2019-02-01 - Financial Assistance Application - Rodeo.pdf - Confidential (under separate cover)
- 23. 2019-01-30 - Financial Assistance Application - John O'Brien.pdf - Confidential (under separate cover)
- 24. 2019-02-04 - LATE - Financial Assistance Application - Anglican Parish.pdf - Confidential (under separate cover)
- 25. 2019-03-04 - LATE - Financial Assistance Application - Gundyarri Aboriginal Corp.pdf - Confidential (under separate cover)
- 26. 2019-01-31 - SCHOOL - Financial Assistance Application - Narrandera East School.pdf - Confidential (under separate cover)
- 27. 2019-01-31 - SCHOOL - Financial Assistance Application - Binya School Kidz Konnect.pdf - Confidential (under separate cover)
- 28. 2019-02-01 - SCHOOL - Financial Assistance Application - Binya Hall Centenary.pdf - Confidential (under separate cover)

**RECOMMENDATION**

That Council

- 1. Endorse the proposed distribution of 2019-2020 financial assistance as follows:

Narrandera Vintage Restorers and Collectors Club Inc.	\$ 250
Domestic Violence Committee	\$ 500
Earlies Rod & Custom Club	\$ 2,000
Rockin on East	\$ 250
Lions Club	\$ 2,000
Narrandera Bowling and Recreation Club	\$ 2,000
Narrandera Showground Land Managers	\$ 2,000
Narrandera Landcare Incorporated	\$ 1,920
Groups listed as per policy i.e. Schools	\$ 2,960
Mayor & General Manager fund	\$ 6,120
<b>TOTAL</b>	<b>\$ 20,000</b>

**PURPOSE**

The purpose of this report is to provide details of the applications received for the 2019-2020 Financial Assistance Program and for Council to endorse the proposed recommendation for the distribution of funds.

**SUMMARY**

Council's Financial Assistance Program recognises that there are many groups within the community that assist to improve the quality of life for residents, workers and visitors. For the 2019-2020 financial year it is anticipated that again funds totalling \$20,000 will be made available under Section 356 of the Local Government Act, 1993.

A total of 27 applications were received totalling \$40,220; in addition there are some groups not requiring an application to be submitted but are listed for consideration as per

Council policy (such as schools) totalling \$2,960. Of the 27 applications received 2 applications were received after the closing date of 1 February 2019, copies of individual applications and a summary of how the applications were assessed are attached to this report.

## **BACKGROUND**

A varied range of applications for 2019-2020 funding were received with nominated projects including the replacement of advertising and information banners, Indigenous participation programs, refurbishment of a catering van and a kitchen, air conditioning, interactive child play equipment as well as supporting local events. Of the 27 applications received 3 applications meet the whole of the criteria established by the Financial Assistance Program (CS20), of these 3 applications 1 community group received \$1,700 from the 2018-2019 assistance program and has not been recommended for new funding.

The projects recommended for funding all have strong goals and strategic outcomes including the promotion of programs such as domestic violence, the promotion of events leading to economic growth within the Shire, inclusion programs assisting in the building of community engagement and support; other recommended projects help to enhance existing infrastructure and to also assist to build greater independence of individual group for future endeavours. The projects to be endorsed met 90% to 100% of the assessment criteria.

Of the projects not recommended for funding their exclusion has been based on alternate funding opportunities, insufficient supporting documentation such as quotations or a detailed budget of the project, little or no evidence of building on existing community assets or the application has not provided evidence of substantial community support or identified partners associated with the project.

Should Council wish to support applications not recommended under the policy this should be addressed through revision of the policy rather than ad-hoc allocations in isolation from the policy.

In summary:-

1. The value of the 27 applications submitted for 2019-2020 funding totals \$42,220, groups not requiring an application but are listed for consideration as per the current policy totals \$5,635 (a combined total of \$47,855);
2. The value of the 8 applications recommended for funding totals \$10,920; the value of groups not requiring an application totals \$2,960 with \$6,120 allocated for the Mayor and General Manager financial assistance pool (a combined total of \$20,000);
3. The proposed financial assistance budget for the 2019-2020 financial year to remain at \$20,000;
4. Of the 27 applications received, 2 applications were received late and 3 applications received funding in the current financial year.

**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES****Theme**

Our Civic Leadership

**Strategy**

5.1 - To have a Council that demonstrates effective management consistently, also a Council that communicates and engages well with the community and works collaboratively

**Action**

5.1.1 - Accountable, transparent and ensure open communication between the community and Council

**ISSUES AND IMPLICATIONS****Policy**

CS20 - Financial Assistance Program

**Financial**

The proposed financial assistance budget allocation for the 2019-2020 financial year is to remain at the current level of \$20,000.

**Legal / Statutory**

Section 356 of the Local Government Act. 1993 provides for Council to contribute money or otherwise grant financial assistance to persons for the purpose of exercising its functions.

Should Council seek to allocate funds outside of the current policy guidelines, then a review of the current policy should be sought.

**Community Engagement / Communication**

Hardcopy application forms and a copy of the Financial Assistance Program (CS20) were sent to numerous organisations during December 2018 with the funding process advertised within the print local media, promoted on Council's website and social media pages during December 2018 and January 2019; the closing date for applications was 1 February 2019.

**Human Resources / Industrial Relations (if applicable)**

Nil

**RISKS**

The allocation of Council funding has been based on an assessment of the application in accordance with Councils adopted Financial Assistance Program; the excluded applications are the result of not meeting the majority of assessment criteria, other funding may be available or there has been a lack of information provided to allow an informed decision to be made.



**OPTIONS**

Options available to Council:

1. Approve the schedule of applications as presented for financial assistance for the 2019-2020 financial year; or
2. Amend the schedule of applications as presented for financial assistance for the 2019-2020 financial year.

**CONCLUSION**

Following assessment of all of the applications submitted against the criteria established by the policy titled Financial Assistance Program (CS20), eight (8) applications are recommended for funding.

**RECOMMENDATION**

That Council

1. Endorse the proposed distribution of 2019-2020 financial assistance as follows:

Narrandera Vintage Restorers and Collectors Club Inc.	\$ 250
Domestic Violence Committee	\$ 500
Earlies Rod & Custom Club	\$ 2,000
Rockin on East	\$ 250
Lions Club	\$ 2,000
Narrandera Bowling and Recreation Club	\$ 2,000
Narrandera Showground Land Managers	\$ 2,000
Narrandera Landcare Incorporated	\$ 1,920
Groups listed as per policy i.e. Schools	\$ 2,960
Mayor & General Manager fund	\$ 6,120
<b>TOTAL</b>	<b>\$ 20,000</b>

**16.2 NARRANDERA OUT OF SCHOOL HOURS ( NOOSH) SERVICE****Document ID: 408464****Author: Community Development and Library Manager****Authoriser: Deputy General Manager Corporate and Community****Theme: Our Community****Attachments: Nil****RECOMMENDATION**

That Council

1. Make local childcare providers and schools aware of the conclusion of the agreement with Leeton Council at 30 June, 2019. Facilitate the transition of NOOSH to a specialist child service provider by allowing existing and other operators time to assess the market, revised government policy and funding with the potential to expand their businesses to encompass NOOSH clients.
2. Advise Narrandera East Infants School that operation of NOOSH may cease at its current location on 30 June, 2019.
3. Investigate options for relocation and use of the NOOSH buildings.

**PURPOSE**

The purpose of this report is for Council to consider options in regard to the future operation of the Narrandera Out of School Hours, (NOOSH), Service. The existing NOOSH service agreement between Narrandera and Leeton Shire Councils expires on 30 June 2019. Leeton Shire Council has advised that it will not be continuing as Authorised Provider of the service as of that date.

**SUMMARY**

The current agreement between Narrandera Shire Council and Leeton Shire Council for the provision of the NOOSH service ends as at 30 June 2019. Leeton Shire Council has written to notify Narrandera Shire that as of 30 June 2019 it will not be continuing as Authorised Service Provider. In addition to this Council has been notified that the Community Support Program funding, (approximately \$24,520 pa), has been discontinued. This funding represents 24% of previously budgeted income for NOOSH and ongoing operating deficits are anticipated. The service recorded an operating deficit for 2017/18 of \$12,978 while receiving the grant subsidy. It is expected that the NOOSH Service will finish 2018-19 with a smaller deficit however without the Community Support Program funding there would be a substantially increased deficit in 2019-2020.

**BACKGROUND**

The Narrandera Out Of School Hours, (NOOSH), service was initiated by a community group based at the Narrandera East Infants School and supported by Council principally through assistance in acquiring accommodation and facilities for the service. In 2012 legislation was introduced providing a new early childhood operating framework. The Out

of School Hours operating environment became more closely regulated with increased accountability for providers. At this point the NOOSH committee decided that it did not have the capacity to continue as an Approved Provider under the new framework and sought a suitable organisation to become the Approved Provider of the NOOSH service.

The Committee approached Leeton Shire Council, (LSC), to become the Approved Provider as LSC were accredited providers operating Pre School and Out Of School Hours services in Leeton. Narrandera Council was not resourced to become an Approved Provider. Narrandera Council was supportive of the service as it was the only such service in Narrandera at the time. To facilitate LSC becoming the provider the Councils, Leeton and Narrandera entered into a service agreement where Leeton would be the Approved Provider and Narrandera would supply the service with accommodation and employ the staff. The agreement provided that LSC would be the Approved Provider on the basis that there would be no net cost to LSC as operator of the service. LSC would recover any operating deficit from service funds held by LSC with any shortfall funded by Narrandera Shire. The current service agreement ends on 30 June 2019. Leeton Shire Council has advised the following:

*“comments from the Department of Education have caused us to reappraise the level of risk Leeton Shire Council is undertaking in acting as Authorised Provider for a service run by Narrandera Shire Council staff for the benefit of the Narrandera Shire residents and ratepayers. Leeton Shire Council does not intend to renew the Service Agreement when it expires on 30 June 2019.*

*Please regard this letter as formal notification that Leeton Shire Council will not continue to act as Authorised Provider for NOOSH after 30 June 2019”.*

For the 2017/2018 financial year NOOSH incurred an operating deficit funded by Narrandera Shire of \$12,978. This operating result included CSP, (Community Support Program), funding of \$24,520. In 2018-19 staff expect an improvement in the operating result with a reduction in the deficit. As CSP funding has ceased council can anticipate a potential deficit of at least \$24,520 in 2019-2020. The potential to recoup costs through increased charges is limited. Investigation of other council run services across the state and enquiries made of the local provider have shown that the service is at the top end of charges for After School Care but does have a small leeway for fee increases with Holiday Care.

The NOOSH Coordinator and management are very aware of costs and have been operating the service as effectively as possible within legislative requirements and to achieve the required outcomes under the operating framework. On examination of the current service it has become obvious that at present the need is not there from sufficient families to operate the service without incurring a deficit. While this may change in the future efforts to date to increase attendance have shown only marginal improvement and more recently, due to families leaving town, there has been a slight decrease in numbers on certain days. Current average numbers range from 7- 8 students per day.

When Narrandera and Leeton Councils first entered into a NOOSH service agreement there was no alternate provider of out of school care in the Narrandera market. This situation has now changed with a commercial entity providing out of school care. Councils are required to comply with the Commonwealth's National Competition Policy, (NCP) legislation. This policy requires that Council will not provide a subsidy to an enterprise it operates in a market where there is actual or potential competition with a commercial

entity. Should NOOSH be subsidised by Narrandera Council to operate in a competitive environment Council risks a complaint being lodged for a breach of NCP provisions.

Should Council not choose to continue to support the NOOSH Service existing clients will require immediate notification to enable them to determine alternate arrangements from 1st July. Council will be required under the Local Government Award to advise employees and the Union of workplace change and removal of positions from Council's staff structure. Employees will be provided redeployment opportunities within Council's workforce where opportunities exist.

The capacity of other providers in Narrandera offering Out of School Hours care to accept clients from NOOSH is understood to be limited by capacity at these facilities. The exit of NOOSH from the market would provide an opportunity for existing service providers, including schools, who currently do not provide out of school hours care to expand their business with this service. However; when inquiries were made of those providers last year they indicated their intention not to enter into the market. Recent policy and funding announcements by the State Government will give Public Schools, School Based and Independent Service Providers an opportunity to re-examine that decision. The Premier has announced the following policy and a \$120 million dollar strategy to expand services for Before and After School Care:

*Under the new policy, public primary schools in Sydney, Newcastle, Illawarra and the Central Coast as well as major regional centres, **will be required** to open their playgrounds, halls or classrooms for before and after school care and school holiday care from 7am to 6pm to make life easier for families. Before and after school care services are available to primary school aged children.*

*For smaller or remote schools where onsite services may not be an option, the NSW Government will provide transportation for students to and from offsite providers or to locations at other schools so that the communities in that region or area can be fully serviced.*

*"We'll work with our schools, P&C's and principals to make sure they have the equipment and resources they need to provide the high quality out-of-school care that families expect in every local community."*

*Funding will be available as follows:*

- *\$50 million over four years to help schools buy new equipment and expand their facilities;*
- *\$40 million over four years to provide rental subsidies to service providers located at public primary schools if they can demonstrate savings have been passed on to families;*
- *\$20 million over four years for an implementation fund focused on schools where a standalone service may not be viable, including smaller schools and rural and remote communities;*
- *\$8.5 million over four years for a team of specialists to help coordinate services and resources on an area or regional basis, to make it easier to setup and maintain a service and to take the hassle out of managing contracts with providers for principals;*

- *\$2 million for a new website and mobile app to allow parents and carers to search for and book student places online.*

The NOOSH service is not a core business of Council however, as surplus capacity does not exist outside the NOOSH service, Council could, in the past, argue that it was meeting a community service obligation by operating NOOSH in the short term and not breaching NCP provisions. Without Leeton Shire as provider Council does not have that capacity. The framework under which Out of School Hours services now operate is highly regulated and that level of regulation and its requirements incur a significant risk for providers. That risk was the reason that the service was originally transferred to Leeton Shire Council by the community group as LSC were already an established provider running both Out of School Hours and Pre School services. Narrandera Shire Council did not then, nor does it now, have Accredited Provider status. Accreditation at that level, with all of its attendant risks, would be required before Council could step in to that role in even a temporary capacity. Long term operation of a subsidised NOOSH could be seen as preventing expansion by existing operators or an impediment to others entering the market.

NOOSH assets are currently located on Department of Education property at the Narrandera East Infants School. Closure of NOOSH will require the removal of these assets from Department of Education property or the existing site agreement may be transferred to a new operator.

The Government have given clear policy direction that Out of School Hours services are the responsibility of the State through the Department of Education and resources will be allocated through schools to facilitate the services. Given this there appears no reason why a local government would direct ratepayer's funds to subsidise an Out of School Hours services and assume the operational risks which the service presents.

## **RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES**

### **Theme**

Our Community

### **Strategy**

5.1 - To have a Council that demonstrates effective management consistently, also a Council that communicates and engages well with the community and works collaboratively

### **Action**

1.2.1 - Continued strategic advocacy for strengthening of the Narrandera centres of learning

## **ISSUES AND IMPLICATIONS**

### **Policy**

Nil

### **Financial**

Should Council resolve to become an Approved Provider and operate the NOOSH service Council's budget will need to provide funds to subsidise ongoing operating deficits in the vicinity of \$25,000 to \$30,000 per year.

Significant financial penalties exist for Accredited Providers who are found to be breaching statutory requirements.

### **Legal / Statutory**

NOOSH operations are to comply with the Children, (Education and Care Services National Law Application), Act 2010 NSW which is the legislation enabling the Commonwealth's Education and Care Services National Law Act 2010. The National Quality Framework operates under the above Acts and the Education and Care Services National Regulations. Significant penalties exist for breaching these requirements.

### **Community Engagement / Communication**

Should Council resolve not to become the Service Provider NOOSH clients should be provided with ample notice to make alternate care arrangements from 1 July 2019.

### **Human Resources / Industrial Relations**

Should the NOOSH service be discontinued Council will be required to provide 28 days notice of workplace change to the employees and the union. Current employees are either engaged on a casual basis or contracted for the period ending 30 June, 2019 in line with the service agreement to provide staffing for Leeton Shire the Authorised Provider of the service.

To apply for accreditation all persons in management positions must be deemed to be "proper" persons. This involves the provision of identification, a Working With Children Check and a Criminal History check.

Council must ensure that it can meet the requirements of the National Law and Regulations which outline the legal obligations of Approved Providers, Nominated Supervisors and Educators. These cover things such as the National Quality Standard, the Approved Learning Framework and Educator to Child Ratios. There is a significant level of responsibility placed upon Nominated Supervisors to ensure that all of the requirements of daily operation are met. One of the difficulties in rural communities such as Narrandera is in attracting and retaining staff with the relevant experience and qualifications to a position that is primarily 15 hours per week during the school term and all school holidays.

Without such a person on staff Council could not satisfy its obligations under accreditation as an Approved Provider.

### **Risks**

Closure of NOOSH could place families in a position where out of school care is not accessible should schools or other providers not utilise the opportunity to provide the service.

Council becoming the operator of the NOOSH service will require attaining certification as an Authorised Provider and the ongoing maintenance of accreditation as an Authorised Provider.

Council operation of NOOSH will require ongoing funding of deficits through the Narrandera Shire General Fund budget impacting on Councils ability to fund other services.

Providing a service subsidised by ratepayers in a commercially competitive market may Leave Narrandera Council susceptible to complaints under the National Competition Policy.

**OPTIONS**

- 1) That NOOSH close as at 30<sup>th</sup> June 2019 upon Leeton Shire Council's withdrawal as Authorised Provider.
- 2) That Council commence the process to become an Authorised Provider. Once accredited operate the Service as an Accredited Provider assuming all operational, reputational and financial risks as the operator.
- 3) That Council make local childcare providers and schools aware of the conclusion of the agreement with Leeton Council at 30 June 2019 to facilitate the transition of NOOSH to a specialist child service provider. Thus allowing existing and other operators time to assess the market, revised government policy and funding with the potential to expand their businesses to encompass NOOSH clients.

**CONCLUSION**

That Council make local childcare providers and schools aware of the conclusion of the agreement with Leeton Council at 30 June 2019 to facilitate the transition of NOOSH to a specialist child service provider. Thus allowing existing and other operators time to assess the market, revised government policy and funding with the potential to expand their businesses to encompass NOOSH clients

**RECOMMENDATION**

That Council

1. Make local childcare providers and schools aware of the conclusion of the agreement with Leeton Council at 30 June, 2019. Facilitate the transition of NOOSH to a specialist child service provider by allowing existing and other operators time to assess the market, revised government policy and funding with the potential to expand their businesses to encompass NOOSH clients.
2. Advise Narrandera East Infants School that operation of NOOSH may cease at its current location on 30 June, 2019.
3. Investigate options for relocation and use of the NOOSH buildings.

### 16.3 WEBCASTING COUNCIL MEETINGS

**Document ID:** 408478

**Author:** Information Technology Manager

**Authoriser:** Deputy General Manager Corporate and Community

**Theme:** Our Community

**Attachments:** Nil

#### RECOMMENDATION

That Council

1. Adopt third party video streaming where a Video Production Company will come to Narrandera each month to record the council meetings with their own equipment.

#### PURPOSE

The purpose of this report is to advise Council on the best option for the Webcasting of council meetings which will need to be implemented before the 14<sup>th</sup> of December 2019.

#### SUMMARY

The IT section has identified 4 options based on its investigation of the systems used by other NSW councils:

1. Audio Recording- Recorded by council as MP3 files and manually uploaded the next day to the council website.
2. Audio Streaming- Live Audio recording onto the Internet through a third-party cloud provider.
3. Third Party Video Streaming- Video Production Company comes to Narrandera each month and records the meetings live with their own equipment.
4. Council Video Streaming- Live video recording onto the Internet through a third-party cloud provider using equipment purchased by council.

#### BACKGROUND

The Office of Local Government has implemented a new Model Code of Meeting Practice for Local Councils in NSW. The new Code requires that Councils provide webcasting options of the council meetings that are live or on demand and can be either video or audio only.

Narrandera Shire Council does not currently record Council Meetings and will therefore have to implement a suitable solution before the 14<sup>th</sup> December 2019.



**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES****Theme**

Our Community

**Strategy**

5.1 - To have a Council that demonstrates effective management consistently, also a Council that communicates and engages well with the community and works collaboratively

**Action**

5.1.1 - Accountable, transparent and ensure open communication between the community and Council

**ISSUES AND IMPLICATIONS****Policy**

The Webcasting option selected will need to be included into the adopted council Code of Meeting Practice

**Financial**

The financial cost to council will vary depending on the option selected that will include equipment, recording and or ongoing hosting costs.

Capital cost range from \$50 to \$17,000

Operation cost excluding staff time varies from \$0 to \$15,000 annually.

**Legal / Statutory**

NSW Office of Local Government has specified in the Model Code of Meeting Practice that Local Councils are required to provide a Webcasting solution.

**Community Engagement / Communication**

Webcasting will offer improved community communication opportunities.

**Human Resources / Industrial Relations**

N/A

**RISKS**

1. Risk of Webcasting not being embraced by the public with low cost benefit
2. Risk of council having to purchase, maintain and replace expensive equipment into the foreseeable future.
3. Risk of excessive staff resources required to operate and maintain some webcasting options.

**OPTIONS**

The IT section has sourced quotes for the four different options that have been identified in the report.

1. Audio Recording- Meetings would be recorded as multiple MP3 files and manually uploaded the next day to the council website by the staff. Will require the purchase of a rack mountable MP3 recorder to connect to the current mixer in the council chambers at a cost of \$449. A staff member would have to control the MP3 recorder during the meetings.
2. Audio Streaming- Meetings would be recorded live onto the Internet through a third-party cloud provider. Will require a subscription to an audio streaming service such as Mixlr at cost of \$704 per year and \$50 of cabling and adapters to connect a computer to the current mixer in the council chambers. A staff member would have to control the software for the streaming service.
3. Third Party Video Streaming- Meetings would be recorded live onto the Internet by a Video Production Company that comes to Narrandera each month using their own camera equipment, internet connection and staff. The video equipment would need to use the current mixer in the council chambers. Cost is \$1100 per meeting which includes the hosting of the video recordings.
4. Council Video Streaming- Meetings would be recorded live onto the Internet by council staff using equipment purchased and installed by a Local Government approved contractor and connected to the existing mixer in the council chambers. Cost is \$7150 for a single camera system or \$17060 for a three camera system which does not include the equipment cabling which is organised separately. Ongoing cost is \$1260 per month including training, support and ongoing hosting plus staff would have to be responsible for the operation of the equipment.

All options require the use of the current Audio Mixer in the council chambers which would require testing before going live. If there are issues with the mixer then it would need to be replaced at an additional cost.

## CONCLUSION

After reviewing the options and testing the examples available from the other council's websites, the recommendation is that we proceed with option three for the Third Party Video Streaming from a video production company for the following reasons:

- Professionally made product combining Video and Audio.
- Offers both Live Video Streaming and Video on Demand with low overheads for council.
- Council does not need to supply any equipment except for the existing Audio Mixer.
- Does not consume any staff resources.
- Does not rely on councils existing Internet connection.

## RECOMMENDATION

That Council

1. Adopt third party video streaming where a Video Production Company will come to Narrandera each month to record the council meetings with their own equipment.

**17 OUR ENVIRONMENT**

Nil



## 18 OUR ECONOMY

### 18.1 CONTRACT - LAKE TALBOT POOL COMPLEX - REPLACEMENT SLIDES

**Document ID:** 408406

**Author:** Manager Projects and Assets

**Authoriser:** Deputy General Manager Infrastructure

**Theme:** Our Economy

**Attachments:**

1. **Attachment 1 - AWL - Concept Slides Drawing with aerial - 001436-D1D.pdf** [↓](#)
2. **Attachment 2 - AWL - Concept Slides Elevation Drawing 001436-E1.pdf** [↓](#)
3. **Attachment 3 - Costing and Revenue.pdf - Confidential**

#### RECOMMENDATION

That Council

1. Accept the revised offer by Australian Waterslide & Leisure Pty Ltd (AWL) of \$1,051,586.00 that includes identified in-house Council costs to design and construct:
  - i. Replacement of existing blue Slide (105m) including loop
  - ii. A Dual Racer Slide (2 x 53m)
2. Proceed to design and construct the dual racer slide in the 2018/19 capital works program
3. Note that Council has submitted a Capital Expenditure Review report to the Office of Local Government as required under the Ministers Capital Expenditure Guidelines.
4. Release funds from the Lake Talbot Pool Master Plan Reserve to increase the project funding to design and construct both the replacement slide and dual racer slide to a total cost of \$1,168,000.00 as illustrated in Table 2 – Revised AWL Design and Construct costs including project activities.
5. As part of the slide replacement program, Council also remove the rampage slide prior to the commencement of the 2019/20 swimming season.
6. Approval is given to affix the Common Seal of Council, if required, to this and any future documentation necessary relating to this matter.

#### PURPOSE

The purpose of this report is to determine the outcome of the design and construct contract negotiations for the water slides replacement at Lake Talbot Pool Complex.

#### SUMMARY

Council resolved at its 19 February 2019 ordinary meeting to reject all tenders and authorise the General Manager to enter into negotiation with Australian Waterslide & Leisure Ltd Pty (AWL) to reevaluate some of the costs to improve the offer.

Council has undertaken negotiations with AWL on the design and construct costs for the replacement of the open (Blue) water slide, and a new dual racer slide, as part of the Lake Talbot Master Plan redevelopment program. AWL have reviewed and modified the preferred slide concept design and costing for each slide to improve the slides enjoyment factor and accessibility.

The replacement slide flow path has been improved to allow for existing patron access, which also provided Council with additional construction cost savings. The revised replacement slide with the

single donut at the end is 105.7m effective length and a 13.55m platform. (Start platform proposed to be at the same level as dual racer slides).

The dual racer tube slide concept design has also been improved by increasing the length of the slide by 5m and the effective tower height has increase from 6.5m to 8.5m.

The design enables access for all slides by a common platform, which will provide easier supervision management.

Costs savings identified during negotiations are have resulted in a significant reduction to the tendered offer. Savings can be realised on dismantling the old slide, site preparation and runout conversion activities. Table 1 below illustrates AWL tendered and revised design and construction costs, which have been reduced by \$154,244. Further cost savings are anticipated as AWL complete the design and engineering stage, which will allow Council In-house staff to revise costs associated with site preparation, excavation, landscaping works and foundation preparation.

Table 1 – Received Tenderer and Revised AWL Design and Construct Prices

<b>Australian Waterslide &amp; Leisure Pty LTD</b>			
<b>Price</b>	<b>Project</b>	<b>Tendered Design and Construction Cost</b>	<b>Revised Design and Construction Cost including In-house Council costs</b>
(Excluding GST)	Replacement Slide (105mtrs)	\$668,000	\$489,903
(Excluding GST)	Dual Racer Slide (2x 53mtrs)	\$537,810	\$561,683
Total Price (Excluding GST)		\$1,205,810	\$1,051,586

The revised design and construction costing in Table 1 above will also need to include the following project costs for Council that are not part of the revised tendered costs and are detailed in Table 2 below:

Table 2 – Total Project Costs

<b>Total Slides Project Costs</b>	
<b>Project</b>	<b>Cost (Excluding GST)</b>
Replacement Slide & Dual Racer Slide Revised Design and Construction Cost including In-house Council costs ( <i>included above</i> )	\$1,051,586
Removal of Rampage Slide	\$25,000
Removal of Boat Shed	\$20,000
Project management	\$18,000
Contingency 5%	\$53,000
Total Price (Excluding GST)	\$1,167,586

Staff recommendation is to proceed with the design and construction of both the replacement slide and Dual Racer slides. By committing to constructing both slides in the 2018/19 pool off season there is further potential cost saving for in-house activities and avoids cost escalation due to price increases. Furthermore the impact of the construction over two separate time periods would disturb completed landscaping and pathways. AWL has indicated both slides would be able to be delivered by the end of September 2019.

The funding for the slides can be reallocated from the Lake Talbot Master Plan Reserves.

**BACKGROUND**

The Lake Talbot Pool Complex Master Plan Redevelopment included the replacement or rehabilitate of the open (blue) slide and the installation of a dual racer slide which is to be located near the existing blue slide, that would replace the rampage slide.

The tender assessment panel determined that Australian Waterslide & Leisure Pty Ltd Pty Ltd to be the preferred tenderer, scoring the highest with an evaluation score of 322.5 for the replacement slide option B and dual racer slide submission that comes in at \$1,041,810 with the stage 1 replacement slide cost submission being \$504,000.

The submitted cost is for the tender is to provide a full service to design and construct of both slide and provide associated warranty for engineering and manufacture.

Council resolved at its 19 February 2019 ordinary meeting to reject all tenders and authorise the General Manager to enter into negotiation with Australian Waterslide & Leisure Ltd Pty (AWL) to reassess some of the costs to improve the offer. Council also resolved to select Option A replacement slide that included an loop that increased the overall length of the slide to 105m.

**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES****Theme**

Our Economy

**Goal**

To improve, maintain and value-add to our public and recreational infrastructure

**Strategy**

61 - Plan for the long term management and sustainability of the Lake Talbot Swimming Pool and Barellan War Memorial Swimming Pool

**Action**

6.1 - Funding for identified projects and opportunities from the strategy to be included and considered by Council as part of the annual budget process

**ISSUES AND IMPLICATIONS**

Tendered construction cost exceeded the estimated project budget to construct the replacement of the open blue slide. Going back to looking at refurbishing the current shell would still potentially be costly considering the age and condition of the shell. Staff have considered that by replacing the existing slide and installation of the new dual racer slide by the same slide manufacturer with new and modern double sided shells will provide a long life and constant design look that is aesthetically pleasing.

**Policy**

Council Procurement Policy and Tendering Guidelines

**Financial**

The revised Design and Construction cost are:

- Replacement slide \$489,903.00
- Dual Racer Slide \$561,683.00
- Total Cost \$1,051,586.00

Should Council wish to proceed with one or both slides, there would need to be a vote to increase the replacement slide budget by \$325,903.00 and a new project of \$561,683.00 to commence the construction of the dual racer slide in the 2018/19 capital works program.

The additional revenue required to proceed with the design and construction of the slides can be allocated from the Lake Talbot Pool Master Plan reserve funds. It should be noted that the revised price to supply and install the dual racer is \$251,317.00 below the estimated master plan costing of \$850,000.

Total project costs and budget are as illustrated in Table 3 below.

Table 3 – Total Project Costs

<b>Total Slides Costs</b>	
<b>Project</b>	<b>Cost (Excluding GST)</b>
Replacement Slide & Dual Racer Slide (including in-house costs)	\$1,051,586
Removal of Rampage Slide	\$25,000
Removal of Boat Shed	\$20,000
Project management	\$18,000
Contingency 5%	\$53,000
<b>Total Price (Excluding GST)</b>	<b>\$1,167,586</b>

**Legal / Statutory**

Local Government Act 1993

Local Government (General) Regulations 2005

In December 2010 the Director General of the Division of Local Government issued pursuant to Section 23A of the Local Government Act a revised “Capital Expenditure Guideline”. The Guidelines apply to capital projects that are expected to cost in excess of 10% of Council’s annual ordinary rate revenue or \$1 million, whichever is the greater. The proposed works at Lake Talbot Pool will exceed the \$1 million trigger point and therefore requires a “Capital Expenditure Review” in accordance with the guideline.

Council will submit a Capital Expenditure Review report to the Office of Local Government as required under the Capital Expenditure guidelines

**Community Engagement / Communication**

The adopted design and scope of works for the replacement of the open (blue) slide and dual racer slide was favourably supported by the community and facility users during Lake Talbot Pool Master Plan community engagement. The dual racer slide has the primary purpose of replacing the aging rampage slide and to free up water space in the rampage pool.

**Human Resources / Industrial Relations (if applicable)**

Nil

**RISKS**

Community expectation is that Council would implement all scope of work elements that are included in the design that would replace the existing slide to a similar level and shape that allows for a continued enjoyment by the pool patrons.

**OPTIONS**

Option 1

Costing to construct both slides in the 2018/19 capital works program.



Accept the revised offer “alternate option A replacement slide design” and the dual racer slide by Australian Waterslide & Leisure Pty Ltd for a total construction cost including additional Council activities of \$1,167,586 (excl GST), which is divided into two proportions as detailed in Table 4 below; and increase the replacement slide capital works budget by reallocating \$325,903 from the Lake Talbot Pool Master Plan Reserve fund.

Also include a new vote by reallocating \$598,683 Lake Talbot Pool Master Plan Reserve fund to commence the construction of the dual racer slide in the 2018/19 capital works program and remove the rampage slide. This would ensure that the both the replacement slide and the dual racer slide project would commence by 1 April 2019 and the contractor could finalise the works by end of September 2019. The new slides would be available for users for the start of the 2019/20 swimming season.

Table 3 – Total revised Design and Construction Costs including Council project activities

Replacement Slide ( 105m with Loop ) – Commence in 2018/19	\$568,903 excl GST
Dual Racer Slide ( 2x 53m ) – Commence in 2018/19	\$598,683 excl GST
Total Construction Cost - excl GST	\$1,167,586 excl GST

Option 2

Costing to commence the replacement of the blue slide in 2018/19 and the dual racer slide as part of the Master Plan redevelopment works commencing 2019/20.

Accept the revised offer “alternate option A replacement slide design” by Australian Waterslide & Leisure Pty Ltd for a total construction cost including additional Council activities of \$1,167,586 (excl GST), which is divided into two proportions as detailed in Table 4 below and increase the replacement slide capital works budget by reallocating \$325,903 from the Lake Talbot Pool Master Plan Reserve fund.

Also include a new vote by reallocating \$598,683 from the Lake Talbot Pool Master Plan Reserve fund to commence the construction of the dual racer slide during the Master Plan redevelopment works. This would ensure that the stage 1 works to design and construct the replacement slide project is not delayed and the contractor could commence works on the 1 April and finalise the works by end of September 2019. The new slide would be available for users for the start of the 2019/20 swimming season.

Table 3 – Australian Waterslide & Leisure Pty Ltd Pty preferred submission price

Stage 1– Replacement Slide – Commence in 2018/19	\$568,903 excl GST
Stage 2– Dual Racer Slide – Commence with master plan redevelopment	\$598,683 excl GST
To Submitted Price excl GST	\$1,167,586 excl GST

Option 3

Not accept the revised offer due to the fact that tendered cost submissions exceeded Council’s estimated project budget and proceed to invite fresh tenders. This would add further cost with advertising and delay the replacement slide construction. There is also an unknown risk if Council would receive any better offers, considering the limited amount of the companies that offer this service.

Option 4

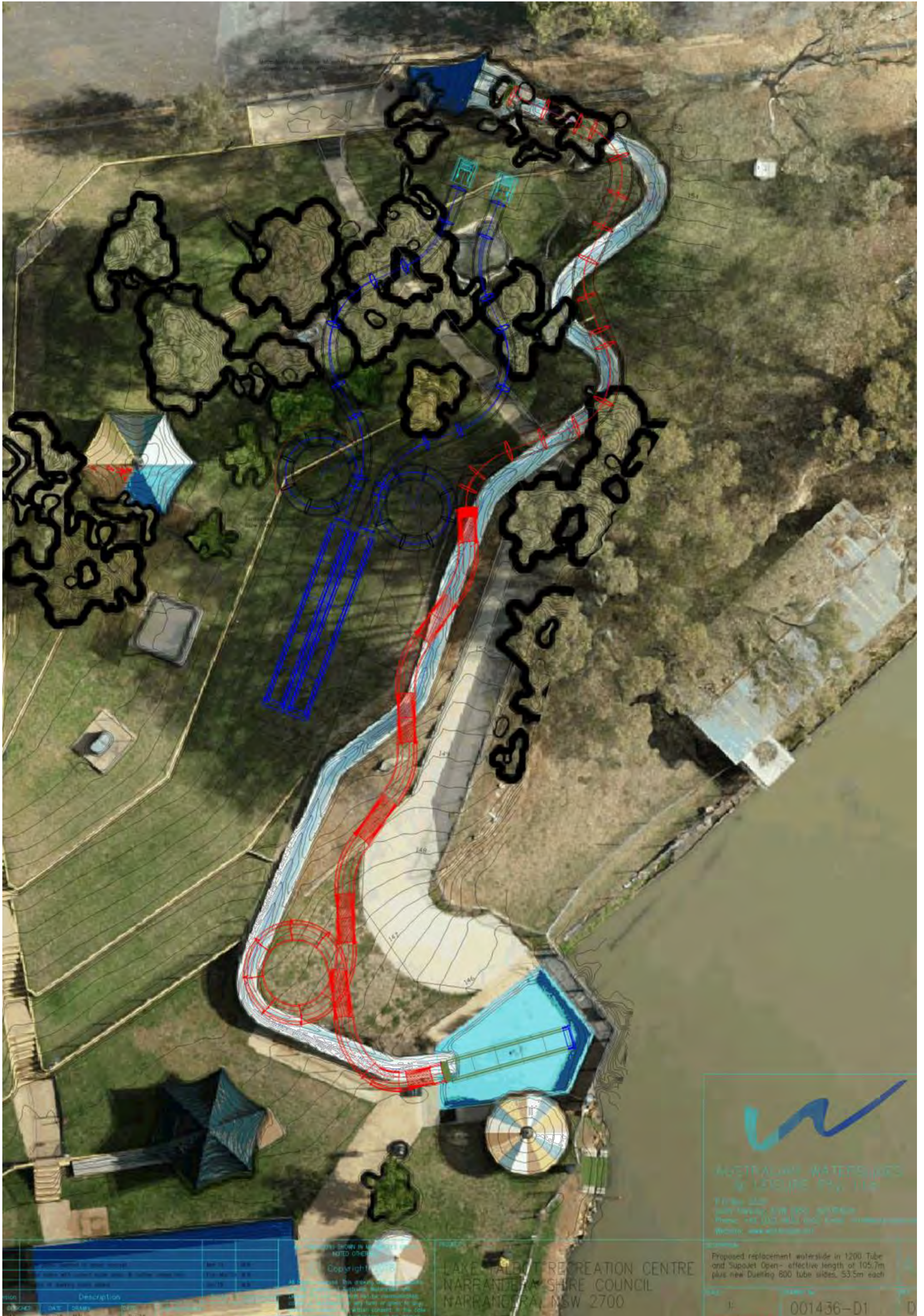
Not accept the revised offer and change the scope of works to rehabilitate the existing slide components and proceed to invite a fresh tender. The refurbishment of the slide components is not recommended as the cost to resurface and repair the fibreglass is potentially expensive and would not provide a quality of finish and joint sealing capacity that modern produced shell manufacturing can achieve. The existing shell it’s over 30 years old and the condition of the shell components themselves are becoming more fragile with the constant exposure to the environment.

**RECOMMENDATION**

That Council

1. Accept the revised offer by Australian Waterslide & Leisure Pty Ltd (AWL) of \$1,051,586.00 that includes identified in-house Council costs to design and construct:
  - iii. Replacement of existing blue Slide (105m) including loop
  - iv. A Dual Racer Slide (2 x 53m)
2. Proceed to design and construct the dual racer slide in the 2018/19 capital works program
3. Note that Council has submitted a Capital Expenditure Review report to the Office of Local Government as required under the Ministers Capital Expenditure Guidelines.
4. Release funds from the Lake Talbot Pool Master Plan Reserve to increase the project funding to design and construct both the replacement slide and dual racer slide to a total cost of \$1,168,000.00 as illustrated in Table 2 – Revised AWL Design and Construct costs including project activities.
5. As part of the slide replacement program, Council also remove the rampage slide prior to the commencement of the 2019/20 swimming season.
6. Approval is given to affix the Common Seal of Council, if required, to this and any future documentation necessary relating to this matter.





Author	Author	Author	Author	Author
Checked	Checked	Checked	Checked	Checked
Approved	Approved	Approved	Approved	Approved

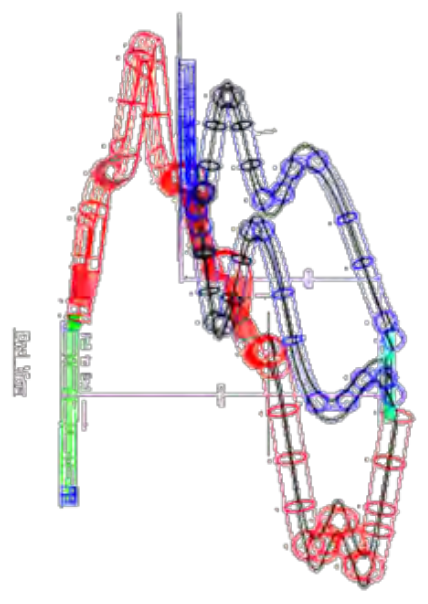
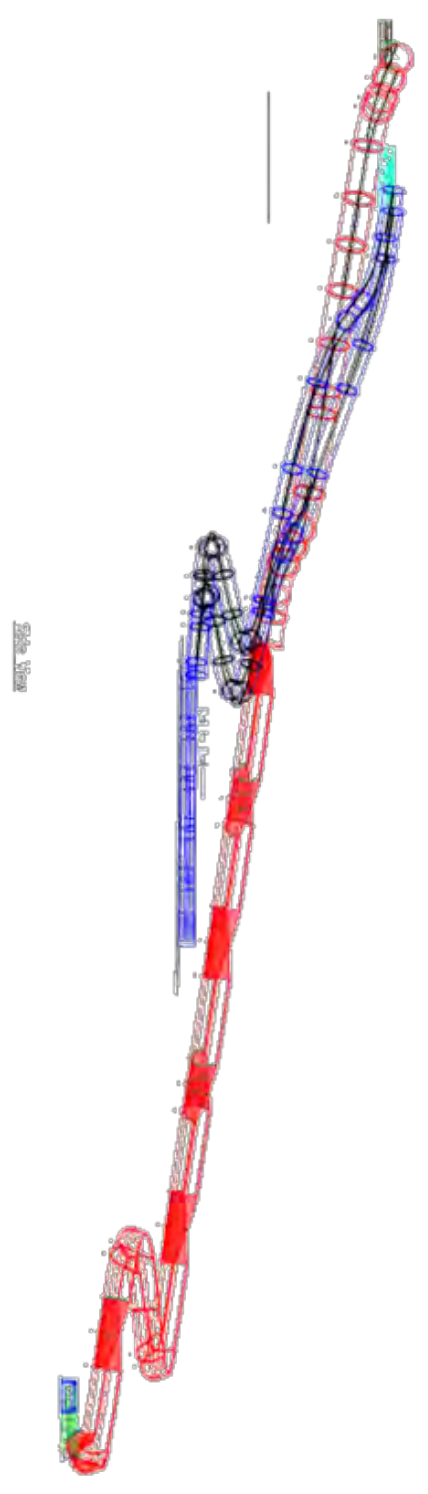
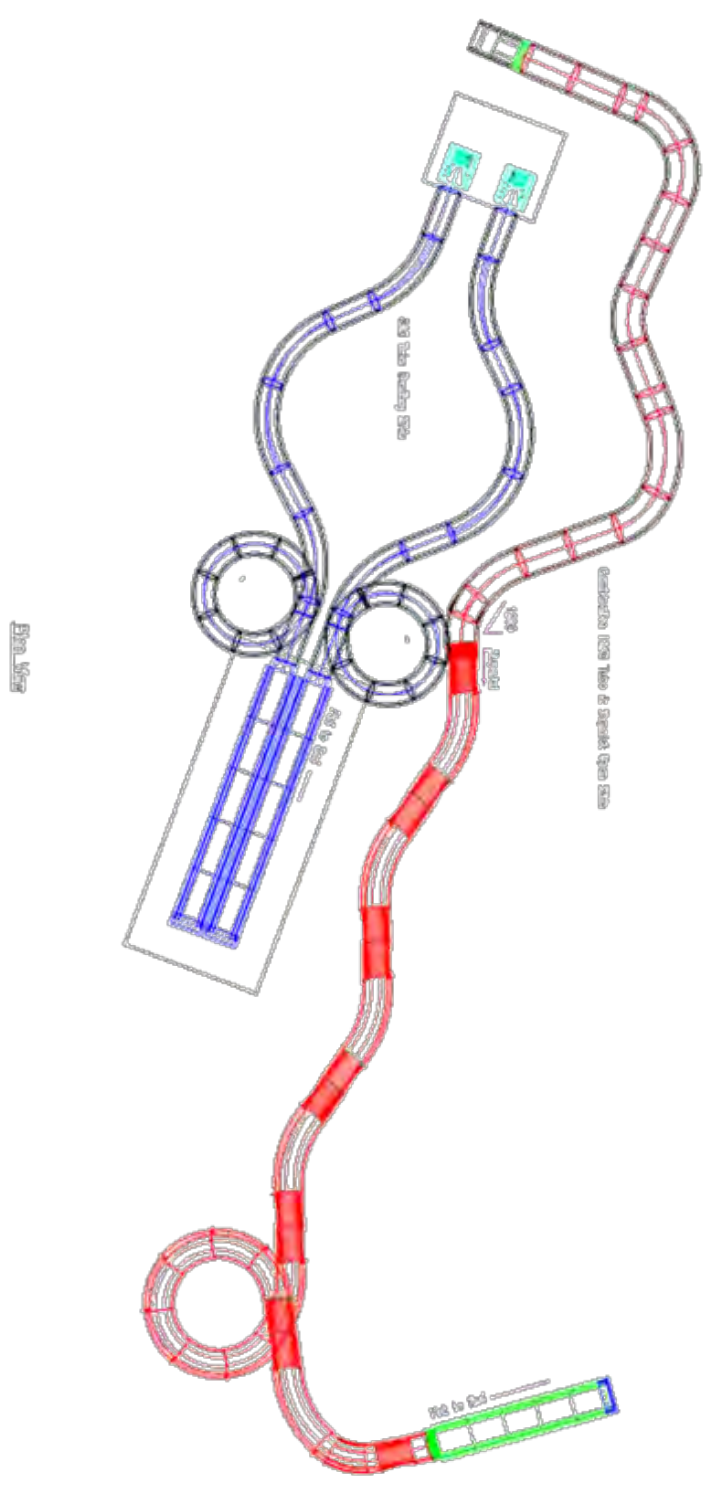
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**LAKE TALBOT RECREATION CENTRE  
 NARRANDERA SHIRE COUNCIL  
 NARRANDERA, NSW 2700**

Project: Proposed water slide 1200 Tube & Spiral open structure length 105.7m  
 File name: Landing 500 Tube Slide 53.5m each  
 Drawing No: N11A TR-F1  
 Scale: A1





## 18.2 TENDER - CHANGEROOM CONSTRUCTION - LAKE TALBOT POOL COMPLEX

**Document ID:** 408617

**Author:** Manager Projects and Assets

**Authoriser:** Deputy General Manager Infrastructure

**Theme:** Our Economy

**Attachments:**

1. **Attachment 1 - Tender\_Assessment\_Spreadsheet\_Matrix\_T18-19-3.pdf - Confidential**
2. **Attachment 2 - Changeroom Construction Tender Assessment Report.pdf - Confidential**
3. **Attachment 3 - Project Cost and Revenue.pdf - Confidential**
4. **Attachment 4 - 3D Image of Changeroom.pdf** [↓](#)

### RECOMMENDATION

That Council

1. Accept the tender offer by Gundagai Construction Services to construct the new changeroom facility at Lake Talbot Swimming Pool Complex
2. Release funds from the Lake Talbot Pool Master Plan Reserve to increase the project funding for the Changeroom construction project to a total cost of \$448,346 as illustrated in Table 5 – Total Project Costs (Tendered Offer and Council Project Activities)
3. Approval is given to affix the Common Seal of Council, if required, to this and any future documentation necessary relating to this matter

### PURPOSE

The purpose of this report is to determine the outcome of the open tender for the changeroom construction at Lake Talbot Pool Complex, which closed on 2pm Friday 1<sup>st</sup> March 2019.

### SUMMARY

The tender assessment panel determined that Gundagai Construction Services is the preferred tenderer, scoring the highest in the evaluation process and tendered the third lowest construction cost (Refer to Table 4 Final Evaluated Scores). They performed strongly in the criteria of past experience in similar types of work and past performance on projects of a similar Nature. Contacted referees indicated that the company was great to deal with, kept to schedules, and identified issues to customers when they arose.

Under the criteria of resources and capacity to undertake the work, the tenderer also illustrated that local subcontractors would be sourced to undertake electrical, plumbing and steelworks.

### BACKGROUND

Council has undertaken an open tender process for the construction of a new changeroom facility on the pool level at the Lake Talbot Swimming Pool, as part of funding allocation under Round 2 of the Stronger Country Community program, which was identified in the Lake Talbot Master Plan redevelopment program.

The estimated total budget cost for this project was set at \$398,119, with the tender to construct the changeroom budget portion being \$362,000.

Table 1 – Total Project Revenue

Revenue Funding	Price (Excluding GST)
Stronger Country Community Program Round 2	\$300,000
Lake Talbot Masterplan Reserve	\$98,119
<b>Change Room Construction (Total)</b>	<b>\$398,119</b>

Tender Process

The evaluation of the tender involves the assessment of aspects such as capacity and relevant experience in relevant works, availability, and quality assurance, safety record and pricing.

The evaluation team used the criteria schedule and weighting outlined in Table 2, to assess and select the preferred tender.

Table 2 – Evaluation Criteria and Weighting

Evaluation Criteria Elements	Weighting
Previous experience with similar types of work	10%
Past Performance on projects of a similar nature	10%
Resources and Capacity to undertake the work	10%
Quality, Safety and Environmental Systems	10%
Tender Prices	60%

Tender Assessment

There were six (6) tenders received, of which all were assessed as being conforming. Table 3 below lists the conforming tenders in alphabetical order.

Table 3 – Tenders received

Adaptive Interiors
Burton Constructions
Civil Engineering Constructions
David Hurst Constructions
Gundagai Construction Services
Wayne Murry Constructions

Submitted tendered prices are provided in Attachment 2 – Changeroom construction tender assessment report.

The respondents were assessed using the criteria and weighting in Table 2. The schedule on pricing was completed and a check made as to the validity of calculations on offer.

The final tender evaluation scores are listed in Table 4. (Please note the higher the score the more compliant (Value for Money) to the specifications and evaluation criteria).



Table 4 – Final evaluation scores

<b>Conforming Tenders</b>					
Adaptive Interiors	Burton Construction	Civil Engineering Constructions	Davis Hurst Constructions	Gundagai Construction Services	Wayne Murry Constructions
265	260	150	255	272	125

The majority of the respondents scored well on the past experience in similar types of work and performance in quality assurance and safety record criteria. Only two of the respondents scored highly in the past performance on projects of similar nature following reference check assessment.

Only one tendered submissions received was below the budget estimated \$362,000.

Attachment 2 - Tender Evacuation Matrix report, will provide additional information on the each submission.

Initial Budget estimates were calculated during the application period for Round 2 of the Stronger Country Community program were calculated and reviewed by a Quantity Surveyor based on initial detailed concept design provided by an Architect. Initial structural and foundation assumptions were provided by a Structural Engineer who provided the soil conditions ratings based on existing soil condition assumptions of the location.

During the detailed engineering phase for preparation of the tender documentation, geotechnical reports indicated that extra foundation works were needed to support the worse than expected soil bearing capacity of the site. With this mind there was an indication that the increased foundation works would be indicated in the tender offers.

Gundagai Construction Services tendered offer was the third lowest lump sum price but exceeds the budget estimate of \$362,000. Table 5 - Total Project Cost indicates an increase of \$50,227 will need to be allocated from the Lake Talbot Reserve Fund to proceed with the construction of the changeroom facility. Council project activities include project management costs, consultant fees (geotechnical and architect), contingencies for extra in-situ foundation concrete and construction and purchase sewer tank / pump.

Attachment 3 - Project Cost and Revenue provides a full brake down of the tendered offer and council project activities.

Table 5 – Total Project Costs (Tendered Offer and Council Project Activities)

<b>Project (Refer to Attachment 3 - for detailed cost brake down)</b>	<b>Cost (Excluding GST)</b>
Budgeted Total Project Cost	\$398,119
Revised Total Project Cost	\$448,346
Budget cost increase	\$50,227

Staff recommendation is to accept Gundagai Constructions Service tendered offer. They scored the highest overall and had the third lowest price. The referee comments confirm that they were good to work with, worked within the timeframes, that they were no unwarranted variations and they had good site supervision.

Although the tenderer has the internal skills to do concreting, carpentry, tiling and painting they hope to use local sub-contractors as much as possible

**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES****Theme**

Our Economy

**Goal**

To improve, maintain and value-add to our public and recreational infrastructure

**Strategy**

61 - Plan for the long term management and sustainability of the Lake Talbot Swimming Pool and Borellan War Memorial Swimming Pool

**Action**

6.1 - Funding for identified projects and opportunities from the strategy to be included and considered by Council as part of the annual budget process

**ISSUES AND IMPLICATIONS****Policy**

Council Procurement Policy and Tendering Guidelines

**Financial**

The revised total construction costs are:

- Tendered offer and Council project activities is \$448,346

Should Council wish to proceed with project, there would need to be a vote to increase the changeroom construction budget by \$50,277.

The additional revenue required to proceed with the project can be allocated from the Lake Talbot Pool Master Plan reserve funds.

Total project costs and revenue are as illustrated in Attachment 3 – Project Cost and Revenue

**Legal / Statutory**

Local Government Act 1993

Local Government (General) Regulations 2005

**Community Engagement / Communication**

The adopted construction of a new changeroom facility at the pool level of Lake Talbot pool was favourably supported by the community and facility users during Lake Talbot Pool Master Plan community engagement.

**Human Resources / Industrial Relations (if applicable)**

Nil

**RISKS**

Community expectation is that Council would implement all scope of work elements that are included in the design that would enhance the level of service and allows for a continued enjoyment by the pool patrons.

**OPTIONS**Option 1

Accept the tendered offer by Gundagai Construction Service for the construction of a New Change room facility; and increase the capital works budget by reallocating \$50,277 from the Lake Talbot Pool Master Plan Reserve fund.

This would ensure that the project would commence by 1 April 2019 and the contractor could finalise the works by end of August 2019. The new facility would be available for users for the start of the 2019/20 swimming season.

Table 5 – Total Project Costs (Tendered Offer and Council Project Activities)

<b>Project (Refer to Attachment 3 for detailed cost brake down)</b>	<b>Cost (Excluding GST)</b>
Budgeted Total Project Cost	\$398,119
Revised Total Project Cost	\$448,346
Budget cost increase required	\$50,227

Option 2

Not accept the tendered offer due to the fact that tendered cost submissions exceeded Council’s estimated project budget and proceed to invite fresh tenders. This would add further cost with advertising and delay the construction of the changerooms. There is also an unknown risk if council would receive any better offers and would delay the construction of the facility, which could make the facilities unavailable for the start of the 2019/20 swimming season.

Option 3

Not accept the tendered offer and change the scope of works to construct the changerooms and proceed to invite a fresh tender. The current design and engineering for the changeroom facility has taken into account the requirements from the masterplan community engagement process and provides for the needs of pool patrons. Changing the scope of works may not achieve a better outcome than the current design. There would also be new architectural and engineering cost needed to change the scope of the works

**RECOMMENDATION**

That Council

1. Accept the tender offer by Gundagai Construction Services to construct the new changeroom facility at Lake Talbot Swimming Pool Complex
2. Release funds from the Lake Talbot Pool Master Plan Reserve to increase the project funding for the Changeroom construction project to a total cost of \$448,346 as illustrated in Table 5 – Total Project Costs (Tendered Offer and Council Project Activities)
3. Approval is given to affix the Common Seal of Council, if required, to this and any future documentation necessary relating to this matter

Attachment 4 - 3D Image of Changeroom



## 19 OUR INFRASTRUCTURE

### 19.1 PRIORITY PROJECTS FOR FUNDING APPLICATION 2018-2020

**Document ID:** 387613

**Author:** Works Manager

**Authoriser:** Deputy General Manager Infrastructure

**Theme:** Our Infrastructure

**Attachments:**

1. **Attachment 1 Priority Projects for funding application 18-20.docx** [↓](#)
2. **Attachment 2 Narrandera Shire Council Transport Network Analysis.docx** [↓](#)

#### RECOMMENDATION

That Council:

1. Approve the funding application plan from various funding streams as per the attachment 1 with this document.
2. Receive and Note “Transport Infrastructure Network Analysis” report in attachment 2, and endorse the strategy and plan presented in the document

#### PURPOSE

The purpose of this report is in two parts:

1. To present the recently completed Draft Transport Infrastructure Network Analysis plan and strategy and;
2. To seek endorsement of the grant application funding plan that stems from the outcomes of the identified needs contained within the report.

#### SUMMARY

Among various funding streams available at present, Fixing Country Roads and Growing Local Economy funding appear to be opportunities to upgrade Council’s transport infrastructure to meet future demand. An assessment of the entire road network has been carried out and which resulted in four priority projects. They target the Fixing Country Roads scheme with a project value \$ 1.9M, (Erigolia Road upgrade, Brewarana Bridge Retrofitting, Upgrade of 14 intersections and Assessment of causeways and bridges) and two projects with a value of \$4.6M that may be suitable to be funded from the Growing Local Economy stream (Pavement Upgrade of Narrandera Aerodrome, Upgrade of Settlers/Rosedale Road). Council staff are in a position to apply for these projects and a co-contribution amount will be sourced from the roads to recovery budget. Regarding the aerodrome upgrade project, the co-contribution could be sourced from the planned reseal and line marking budget, which is scheduled in 19/20.

It is recommended Council seek to apply funding for all these identified projects in 18/19 financial year.

Shovel readiness is one of the key criteria for both funding streams. To enable development of projects, so as to apply for funding during 19/20 financial year, five more projects are nominated as priority projects which are listed in attachment 1 of this report.

#### BACKGROUND

Fixing Country Roads and Rail is a NSW Government program providing targeted infrastructure funding worth almost \$ 1 billion from Restart NSW for regional freight projects. The program aims

to relieve bottlenecks constraining effective freight movement. At present, the NSW Government is inviting applications for eligible Fixing Country Roads projects. The key assessment criteria for FCR funding are:

- Access, Productivity and Safety Benefits
- Growth and Economic Benefits
- Strategic Alignment
- Deliverability and Affordability

Growing Local Economies Fund is part of the NSW Government's \$1.3 billion Regional Growth Fund and is designed to deliver economic growth and productivity in regional NSW. The objective of the fund is to support projects of economic significance in regional NSW, mostly focusing about jobs and economy. The key eligibility criteria of this funding are:

- It should benefit multiple organisations or businesses
- It should enable or bring forward investment or productivity improvements for new or existing industry
- It should deliver a net economic benefit to residents and business located in NSW
- There should be difficulty to proceed with the project without GLE funding

As all these funding are targeted for projects which kick starts the economic activities either or significantly improve the freight movement, a detailed assessment of council's transport infrastructure constraints was essential to justify various projects. Therefore, infrastructure team recently completed "analysis of infrastructure network"(Attachment 2). Based on the assessment, the priority projects were summarised with recommendation for funding application for 18/19 and 19/20 financial years.

## **RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES**

### **Theme**

Our Infrastructure

### **Strategy**

4.1 - To have an improved and adequately maintained road network

### **Action**

4.2.1 - Plan and source funding for redevelopment of or the construction of key facilities and infrastructure

## **ISSUES AND IMPLICATIONS**

The following are issues and implications of endorsing recommendations of this report

### **Policy**

N/A

### **Financial**

For both FCR and GLE funding, it is not compulsory to put a funding co-contribution. However, based on research about successful projects, 100% of successful projects were co-funded either by Council or industry, with average co-contribution amount of 30%. It is recommended to use roads to recovery fund for 10 % co-contribution which is voluntary.

**Legal / Statutory**

Success on all or part of these applications will improve compliance and safety apart from economic benefits. These strategies and plan also show Council being proactive in this area.

**Community Engagement / Communication**

Council Community Strategic Plan (CSP) lists key outcomes for council's road network. Item 57 states "Advocate for and implement where necessary road transport network throughout the shire for B-double, B triple and Road Trains". The CSP 2017-2030 is endorsed by community.

**Human Resources / Industrial Relations (if applicable)**

Depending on current commitments from existing resources, additional resources e.g. consultants may be engaged to produce a quality application.

**RISKS**

- Not applying or failure to receive grant will result in gradual decline of transport infrastructure potentially reducing Narrandera's ability to grow or preserve current transport economy.
- Project deliverability is a risk which can be solved through careful resource planning.
- A change in Government could affect grant funded programs like FCR and Growing Local Economies.

**OPTIONS**

The following are possible options for Council:

Option 1: Do nothing option, which will result degradation of transport infrastructure with time, resulting further freight inefficiencies.

Option 2: Endorse the recommendation with 30% co-contribution. This option will increase the success probability, however overburdens the council and reduces council's ability to undertake other road infrastructure projects.

Option3: Endorse the recommendation with 10% co-contribution, for first round of application. Should the application be unsuccessful, reapply with 20% co-contribution.

**CONCLUSION**

Shovel readiness is one of the key components for success with these funding applications. Endorsement of these projects will assist the technical services team to start development of stronger funding applications, which ultimately increases the chances of success. With successes on various funding, council will be one step closer towards clearing bottlenecks in our transport infrastructure network. It is recommended for endorsement of Option 3 of this report.

**RECOMMENDATION**

That Council:

1. Approve the funding application plan from various funding streams as per the attachment 1 with this document.
2. Receive and Note "Transport Infrastructure Network Analysis" report in attachment 2, and endorse the strategy and plan presented in the document

**Attachment 1****1.1 Priority Projects for funding application 18-19/19-20**

S.No	Project	Funding stream	Tentative project value	Co-contribution amount	Application year
i	Erigolia Road Upgrade	Fixing Country Roads	\$1,000,000	\$ 100,000 Use 19/20 R2R fund	18/19
ii	Brewarana Bridge Retrofitting	Fixing Country Roads	\$300,000	\$30,000 Use 19/20 R2R fund	18/19
iii	Upgrade of 14 intersections for efficient and safe transit of heavy vehicles	Fixing Country Roads	\$500,000	\$50,000 Use 19/20 R2R fund	18/19
iv	Bridge assessment of remainder of large culverts and causeways	Fixing Country Roads	\$100,000	\$10,000 Use sealed road maintenance fund 19/20	18/19
v	Upgrade of Settlers Road and Rosedale Road	Growing Local Economy	\$600,000	\$10,000 from R2R 19/20 fund. There is \$ 50,000 available from Agriaustralis on this project	18/19
vi	Pavement Upgrade of Narrandera Aerodrome	Growing Local Economy	\$4,000,000	Use \$ 400,000 from 19/20 reseal budget as co-contribution	18/19
vii	Kamarah Road Upgrade	Fixing Country Roads	TBA	TBA	19/20
viii	Narrandera Barellan Road Upgrade to suit AB-Triple	Fixing Country Roads	TBA	TBA	19/20
ix	Various bridge retrofitting works based on recommendation of bridge assessments	Fixing Country Roads	TBA	TBA	19/20
x	Various intersection upgrades between state roads and local roads (14 intersections)	Fixing Country Roads	1,000,000	TBA	19/20
xi	Various roadworks to support various developments around Narrandera LGA	Growing Local Economy	TBA	TBA	19/20

**1.2 Details of various projects proposed in section 1.1**



i) Erigolia Road upgrade (FCR)

Erigolia road is one of the high use local roads. The section of this road within Narrandera LGA is of average width 5.3 meter. Widening this road from average 5.3 m to 7 m could be potential project, with expected outcome of connecting Binya with Erigolia with road train.



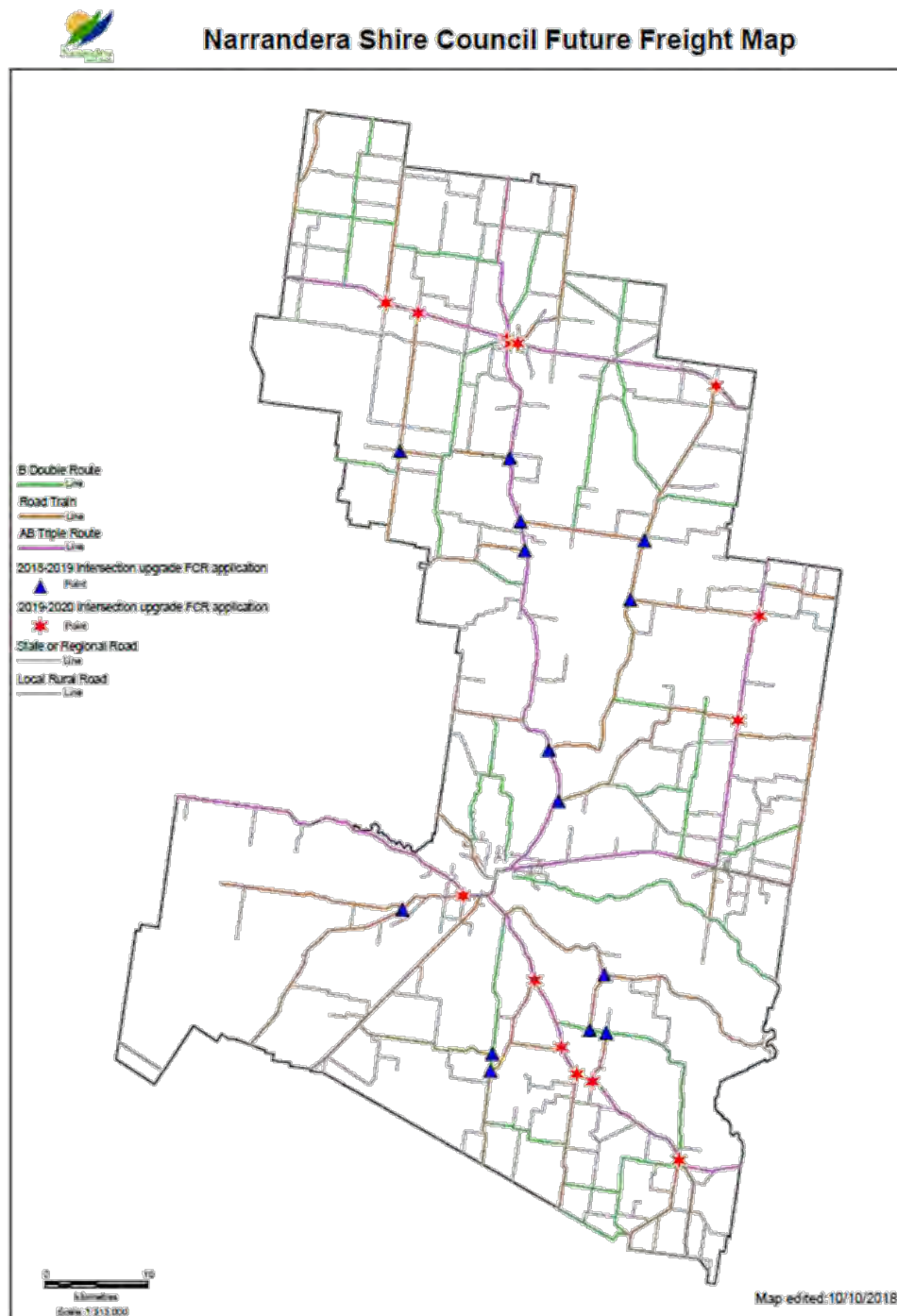
ii) Brewarana Bridge Retrofitting (FCR)

In recent bridge assessment works which was funded from FCR round 3, Brewarana Bridge was poorly rated, particularly due to issue with foundation and piling system. The recommendation from analyst was only to allow “Passenger cars and very light commercial trucks upto 3 tonnes gross mass”. Retrofitting of piling system could improve the bridge capacity. Therefore, application of funding for the work is recommended.



iii) Upgrade of 14 intersections for efficient and safe transit of heavy vehicles(FCR)

As identified by the “network analysis”(attachment 2), while there are pavement strength issue of majority of council’s heavy vehicle network, the critical issues are inadequacy of intersection for heavy vehicle movements. Application for 14 intersection upgrade which falls into intersections in future road train route map of Narrandera LGA.



iv) Bridge assessment of remainder of large culverts and causeways (FCR)

All bridge structures which are listed in asset register of Narrandera Shire Councils are assessed utilising fund from fixing country roads round 3 (canal bridges not included). There are 8 significant culverts and 9 causeways are yet to be assessed for their structural integrity. The following are some of the culverts within our LGA.



v) Upgrade of Settlers Road and Rosedale Road (GLE)

Council applied for funding for round 2 and round 3 under FCR streams with 20 % co contribution and \$50,000 industry contribution. However, on both occasions the application was unsuccessful due to limited regional connectivity benefits. As this project is about growth and local economy, it will be more suitable under GLE stream.

vi) Pavement Upgrade of Narrandera Aerodrome(GLE)

vii) Kamarah Road Upgrade(HVSPP or FCR)

viii) Narrandera Barellan Road Upgrade to suit AB-Triple(FCR)

ix) Various bridge retrofitting works based on recommendation of bridge assessments(FCR)

x) Various intersection upgrades between state roads and local roads (14 intersections)(FCR)

xi) Various roadworks to support various developments around Narrandera LGA(GLE)

# Transport Infrastructure Network Analysis

August 2018

Prepared For  
Narrandera Shire Council



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Document History

Issue	Version	Issued To	Date	Issued By
Final	1.0	NSC	23/08/2018	SA

Printed PDF: 23/08/2018  
 Name of Client: Narrandera Shire Council  
 Name of Project: Transport Infrastructure Network Analysis

This report was prepared with the assistance of Narrandera Shire Council Staff.

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## Narrandera Shire Council Network Analysis

### Background

Freight and logistics are indispensable components of economic activity. New industries are dependent upon efficient and low cost transport. Improved logistics can transform the economy. It is difficult to quantify clearly whether the investment made on improvements in logistics comes with a guaranteed return because the return is distributed into the entire logistic sector. There was \$58B gross value was added into the NSW economy in 2011 due to improvements in the logistic sector (Source: NSW Freight and Port Strategy). Therefore, improvements in logistics need to be a key goal of local government so that industries within their electorate are competitive. As depicted in Fig 1, a significant amount of goods are produced in the Central West region, thus an efficient freight route is essential so as in order to reduce the overall cost of product, which generates more business and growth.



Fig 1: Commodities produced in tonnes NSW

“A kilo of beef produced at QLD is 9 cents cheaper than a kilo of beef in NSW, due to various restrictions in NSW”. The following is from NSW Freight and Port Strategy.

In NSW, a B-double vehicle can carry 56 to 60 cattle depending on individual animal weights. In Queensland the same vehicle configuration can carry between 66 and 72 cattle. Industry estimates that the cost of current regulation on the supply chain in NSW is an extra \$8 per animal, which translates into nine cents a kilo.

An individual farmer or producer need to compete in the same market. Therefore, businesses tend to go where there is better logistics.

## Objective

The objective of this analysis is to identify key future potential freight routes so that Narrandera Shire Council can develop not only the priority projects for funding applications but also planning for capital investments from various grants e.g. Block Grant, REPAIR grant, Roads to Recovery grant etc.

## Overall network strategic analysis

The following is considered in the analysis and identification of key future heavy vehicle routes:

- Existing heavy vehicle route (B double, Road Train and AB- Triple routes)
- Road density at various locations in the shire
- Condition rating and gazettal status of various roads in surrounding shires (Bland Shire Council, Carrathool Shire Council, Leeton Shire Council, Murrumbidgee Shire Council, Lockhart Shire Council, Coolamon Shire Council and Wagga Shire Council and Federation Council)
- Obvious network constraints
- Existing infrastructures e.g. town streets with inadequate turning radius and safety issues due to heavy vehicles
- Traffic volumes (where data is available)
- General financial constraints within council

## Findings

The overall length of local and regional roads in Narrandera Shire Council excluding urban streets is 1486km. Major highways and important freight networks cross Narrandera totalling 205 km of state roads within its network. There are an additional 83 km of urban streets.

Almost all of Council's local roads are gazetted for B- Double routes. While assessing the roads which are gazetted for B- Double, it is apparent that many of council's roads have inadequate geometry and pavement strength for B- Double.

Kamarah Road, Narrandera Borellan Road, Newell Highway, Sturt Highway, Burley Griffin Way are among roads which are gazetted for road trains. This significantly less volume of road train routes within the overall road network will result in freight inefficiency and other costs associated with high trip volume. Without remedial action, the result will be longer detours or increased number of trips. Appendix A, B, C presents currently approved heavy vehicle routes.

With careful assessment of the transport infrastructure network, a masterplan is developed for future freight movement. Appendix D presents the lists of roads proposed for upgrade to the standard for heavy vehicle access. Appendix E shows a proposed strategic future freight movement map. A total of 1,007km, out of total network length of 1,773 km of roads is proposed to be upgraded gradually as heavy vehicle routes. Various funding and grant options can be explored with the support of this Masterplan. At present, there are only 164.1km of roads gazetted for AB - Triple routes, all of them in the state road network. It is proposed that a total of 71.7 km length be upgraded to the standard for AB-Triple to support the proposed logistics efficiencies.





**Develop a road train route between Narrandera and Leeton area**

As shown in Fig 3 below, there is discontinuity in the road train network between Narrandera and Leeton area. Upgrade of Leeton Colinroobie Road or provision of any other mode of connection between Leeton township with Narrandera Barellan Road will assist efficient freight movement. A schematic line shown below presents about how continuity is formed on the current discontinued road train network.



Fig 3: Obvious gap in road train connectivity between Narrandera and Leeton

**Work in conjunction with Carrathool Shire Council to upgrade section of Erigolia Road to support the Road Train Route**

On the field visit, it was noted that the section of Erigolia Road on Narrandera LGA is in the range of 5.2 - 5.4m wide, while the same road in Carrathool Shire is above 8m wide. Interestingly, the road train route is not fully connected upto Erigolia. There is potential to negotiate with Carrathool Shire Council and jointly upgrade Erigolia road for regional benefit. The traffic volume map in Appendix G suggests that Erigolia road is one of the high volume local roads within Narrandera LGA.



Fig 4: Binya Erigolia Road has the potential to form an important connection between the Mid-Western Highway and Burley Griffin Way

**Develop connectivity between Sturt Highway and Agri Australis Hazelnut nut farm ( Growing Local Economy funding could be appropriate for this work )**

More than \$70M worth of investment by Ferrero in the Narrandera region is a promising prospect for the growth and economy of Narrandera region. More than 2000 hectares of hazelnuts will be harvested when peak production commences in the next 4-5 years. The current transport infrastructure would be inadequate. Unknown costs due to increased maintenance and potential road speed limit restrictions for safety due to dust would result in increased costs to the new hazelnut development. It is not uncommon for local government to wear the burden of infrastructure maintenance in hope of economy growth.

As per the <https://www.ferrero.com.au/ferrero-group/-70-million-investment-to-boost-Narrandera-economy-and-kick-start-nsw-hazelnut-industry>, the investment not only directly creates 50 permanent jobs and more than 50 seasonal jobs, it will indirectly provide a welcome boost to the Narrandera economy. Therefore, upgrade of Settlers Road and Rosedale road could be justifiable through Growing Local Economy funding stream.

It is understood from interviewing Council staff that the current main transport route is via Buckingbong Road, which is flood prone, more than 16 km longer travel distance and has significant geometric issues with history of serious accidents.



Fig 5: Narrandera Hazelnut farm site with proposed roads to upgrade for efficient connection with Sturt highway

**Upgrade of various intersections for better turning movement**

More than 80 % of the proposed network upgrades to Heavy Vehicle routes has very limited traffic count information available. The 90<sup>th</sup> percentile AADT would be in the range of 50 vehicles per day with about 15-20 % heavy vehicles. Intersection upgrades on those networks could be considered for an application under fixing Country Roads. After upgrades of intersections, council could then permit heavy vehicles on case by case basis through NHVR portal until other constraints are removed.

**Assessment of remainder of bridges for their structural capacity through actual testing (Level 4)**

Understanding structural capacity of bridge structures throughout these proposed future freight networks is vital. Most of the time, Level 3 bridge assessment will result in a very conservative output of the structural rating for the following reasons:

- Often the structural drawing of the bridges is not available
- Work as executed drawings of the bridges are rare
- Most bridges were built 60-70 years ago and were designed for T44 or equivalent standards. Thus, the analyst tends to underestimate the rating because these bridges were seldom designed for modern load of Road Trains or B- Doubles at HML.

If a few of bridges come out with low structural ratings that may be rectified through replacement or retrofitting. However, if most of the bridges structural ratings come out to be inadequate for Road Trains or B- Doubles, then they become very serious issues. Therefore, actual bridge testing and analysis of bridges is recommended to provide a high level of confidence in the bridge rating. It is recommended that bridges/culverts on the proposed future freight network are subjected to a Level 4 structural assessment. A schedule of bridges whose structural ratings are to be identified if not completed previously are listed in Appendix F. It is understood that Council recently completed Level 3 structural assessment of 10 bridges and structural integrity data is collected for 2 bridges for future

Level 4 assessment. It is noted that due to lack of adequate drawings, the resulting assessment result is inadequacy of structural strength for road trains with HML of majority of council’s bridges. An objective Level 4 structural assessment of bridges, causeways and culverts is recommended to be carried out to determine retrofitting measures to strengthen the bridge to the standard required for efficient freight movement. Until such assessment is feasible, it is recommended to restrict the bridges to “one movement at a time” with load restrictions.

The outcome of bridge assessments could provide a pathway for future funding applications e.g. Bridges on the Bush, Bridge Renewal Program etc.

**Conduct road safety audit of Kamarah Road for sight distance, pavement width and apply funding accordingly to upgrade this road for road train at HML**

As shown in Appendix B, Kamarah Road is among a few of road train routes gazetted within Narrandera LGA. Based on the road inspection and that this road was gazetted for road trains based on purely economic and local need and not on a long-term road engineering design basis. Unfortunately, any upgrade of this road could be judged poorly by TfNSW mainly because it is a gazetted road train route and any expenditure on this road without change/upgrade of vehicle mode will result in a very poor cost benefit ratio. It is recommended to conduct a Level 3 road safety audit for this road in combination with reduction of the speed limit on this road for heavy vehicles. In future, if funding is sought to increase the speed limit and convert GML to HML, applications up to a \$1M could result in a breakeven cost benefit analysis.



Fig 6: Gazettal of Kamrah Road for road train despite serious geometric and pavement width issues

### **Improvement of Narrandera Leeton Connectivity**

Narrandera will significantly benefit from the better connection with Leeton Shire. Leeton, a town of population over 12,000, could be utilised for the economic benefit of Narrandera should there be a convenient transport network between two regional towns. The time distance between Narrandera and Leeton can be reduced effectively by collaboratively negotiating with RMS in various works on Irrigation way including:

- 1) Intersection improvement at Audley Street and Cadell Street



Fig 7: Intersection of Irrigation Way and Cadell Street

The traffic volume on Audley Street (Irrigation Way) is above 3000 vpd . There is similar volume of traffic in Cadell Street. This intersection need to be upgraded for efficient flow of traffic. Either signalised intersection or turning lane is to be developed.

- 2) Widening of replacement of Bridge near Weir Park road on Irrigation Way
- 3) Reducing roughness through rehabilitation and ensuring that reseat frequency is maintained

### **Improvement of creek crossings on the roads within the shire**

During site visit for this work, it is noticed that there are several creek crossings which damages the road significantly. Several of them were yet to be repaired from October 2016 flooding. Identifying those areas and develop a proper solution is recommended. Visiting the same creek crossing year by year not only affects the commuter but also damages the staff morale. Staff could start questioning “why this segment of road is not properly fixed while we all know that it will be swept away again”. Investment on these creek crossings on the roads has other benefits including quick return to business after the flood, reduced cost of emergency management cost, reduced detour cost and so forth.

**Flood proofing Newell Highway and Sturt Highway**

Flood proofing of Newell Highway serves greatly in investors' confidence in Narrandera and surrounding regions. Therefore, it is recommended that Narrandera be perseverant on this very issue that is linked to growth of and continual economic growth of Narrandera. Undoubtedly, this project will be considered by RMS in low to very low priority in economic ground. However, all non-tangible benefits need to be considered in benefit cost assessment.

**Improved connectivity with Griffith and Wagga Wagga**

In the very least, Narrandera should continue lobbying with state members and with RMS to reduce the time distance between Narrandera and Wagga Wagga and Narrandera and Griffith. Frequent overtaking lane at a distance of 10 km could be a good start.

**Conclusion**

It is very common occurrence that community member usually make request to upgrade a piece of road that give convenience to the particular property owner. The practice of putting funds on roads that are requested by an individual or a minority group without looking into bigger perspective is neither sustainable nor strategic. This will result more requests from community and continuous reactive actions. Instead, developing a robust strategy and working towards the goal that was agreed is vital for management of assets and customer requests, both internal and external, with planned and proactive approach. If decisions are driven by the strategy and master plan, eventually there will be support and push from community.

It is recommended to utilise the strategy and masterplan set within this document, for efficient logistics within the Narrandera Shire.

## **Appendices**

Appendix A – Current B-Double Route Map

Appendix B – Current Road Train Route Map

Appendix C – Current AB Triple Route Map

Appendix D – Proposed Freight Route Table

Appendix E – Proposed Freight Route Map for Narrandera Shire (As of Appendix D)

Appendix F - List of Bridges on future freight route

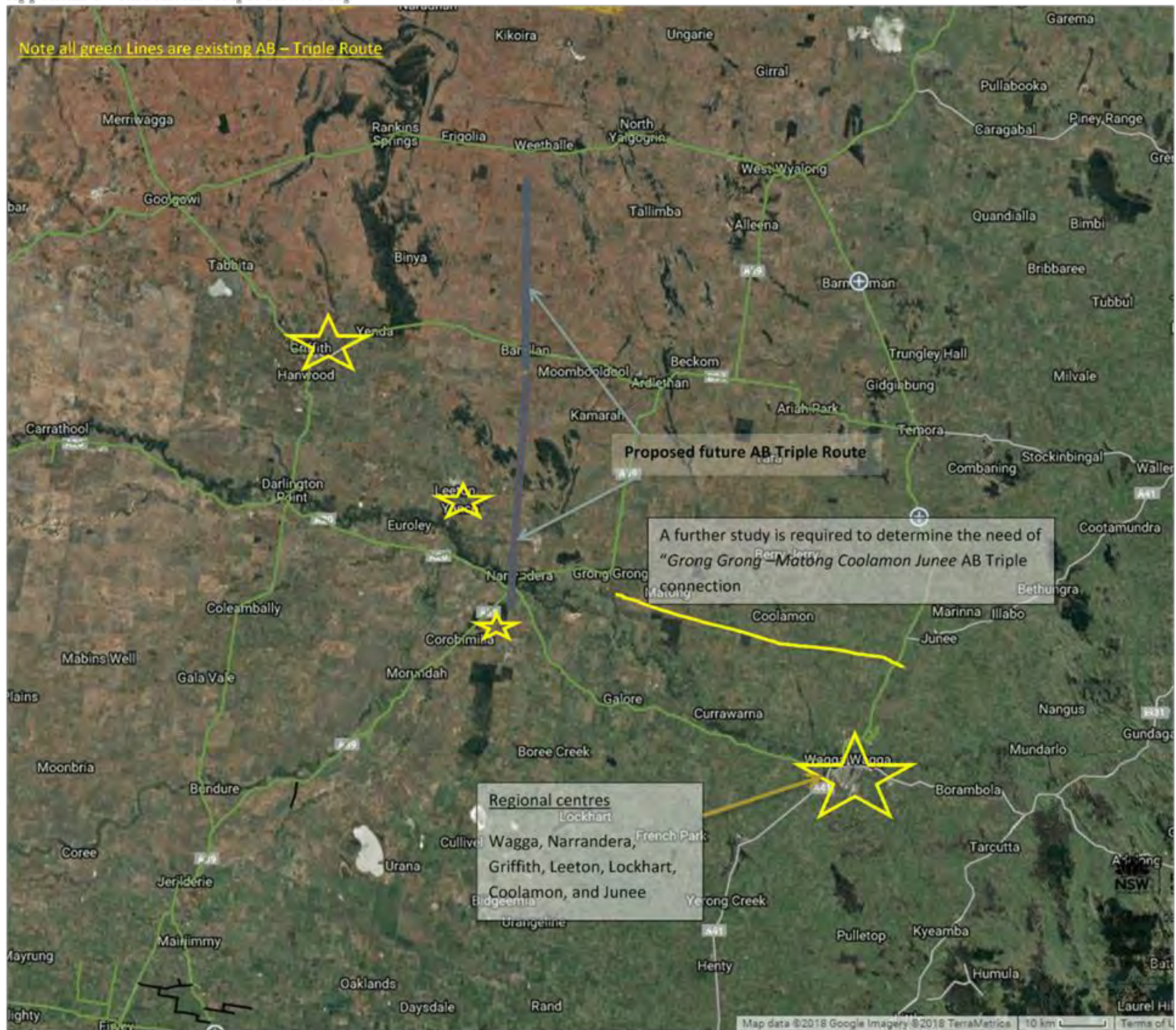
Appendix G - Asset utilization Map







**Appendix C - Current AB Triple Route Map**



**Facts to note:**

- There is existing AB- Triple connection between Darlington Point to Wagga Wagga via Sturt Highway and between Jerilderie to Ardlethan via Narrandera in Newell Highway. Griffith to Temora is also connected with AB Triple through Yenda, Binya, Barellean and Ardlethan. Mid Western highway on the North is also an AB triple route.
- It is obvious from the spatial information that an AB Triple route between Narrandera to Weethallee via Barellean will significantly improve the freight efficiency.
- After investment of above \$17M on Newell Highway at Grong Grong, the section of Newell Highway between Narrandera and Ardlethan via Grong Grong is AB triple. Also, Temora to Wagga Wagga via Junee is also an AB Triple route. A study would be required to identify whether there is merit in opening Grong Grong Matong Coolamon Junee AB triple route to complete the grid.

**Appendix D – Proposed Freight Route Table**

Road_Number	Road_Name	Road_Class	Road_Segment	Start_Node	Start_chainage	End_chainage	From	To	Length_Calc	Pavement_Width	Pave_Cons_Date	Future_Gazettal
6	PAINTINGS BRIDGE RD	4	b00610	SH14 (west end)	0.4	3.3	Start Reseal	Sandigo River Rd (N)	3.3	8	1975	B_Double
6	PAINTINGS BRIDGE RD	4	B00612	SH14 (west end)	3.3	4.94	Sandigo River Rd (N)	Sandigo River Rd (S)	1.61	8	1975	B_Double
6	PAINTINGS BRIDGE RD	4	B00615	SH14 (west end)	4.91	5.93	Sandigo River Rd (S)	Start Seg B00620	0.98	5.4	2000	B_Double
6	PAINTINGS BRIDGE RD	4	B00620	SH14 (west end)	5.94	6.94	End seg B00615	Start seg B00630	1.06	7.4	1975	B_Double
6	PAINTINGS BRIDGE RD	4	B00625	SH14 (west end)	8.29	8.59	Start Seg B00630	End Seg B00630	0.3	0	1975	B_Double
6	PAINTINGS BRIDGE RD	4	B00630	SH14 (west end)	10.49	10.69	Start Seg B00640	Start Seg B00650	0.2	7.1	1975	B_Double
6	PAINTINGS BRIDGE RD	4	B00640	SH14 (west end)	11.47	11.67	Start Seg B00650	End Seg B00650	0.2	7.1	1975	B_Double
6	PAINTINGS BRIDGE RD	4	b00695	SH14 (west end)	22.46	22.75	Kywong Bridge	SH14	0.27	5	1975	B_Double
34	WILLOWS RD	4	10	Kamarah Rd	0	4.89	Kamarah Rd	End Segment	4.89	6	1975	B_Double
34	WILLOWS RD	4	20	Kamarah Rd	4.89	7.17	Eng Segment 10	Start Segment 30	2.27	5	1975	B_Double
34	WILLOWS RD	4	30	Kamarah Rd	7.17	7.63	Eng Segment 10	Coolamon Shire	0.46	6	1975	B_Double
55	GAWNES RD	4	b05510	SH17	0	1.48	SH17	End Segment B05510	1.49	8	1975	B_Double
55	GAWNES RD	4	b05520	SH17	1.48	2.23	Start Segment B05520	Bogolong Rd	0.75	8	1975	B_Double
55	GAWNES RD	4	b05524	SH17	2.23	4.33	Bogolong Rd	Moorlands Rd	2.11	8	1975	B_Double
55	GAWNES RD	4	b05527	SH17	4.33	6.44	Moorlands Rd	Bulloak Tank Rd	2.11	8	1975	B_Double
55	GAWNES RD	4	b05529	SH17	6.44	6.55	Bulloak Tank Rd	End Bitumen	0.11	8	1975	B_Double
60	PAYNTERS SIDING RD	4	b06010	MR80	0	0.66	MR80	Booka Rd	0.66	5.8	1975	B_Double
60	PAYNTERS SIDING RD	4	B06020	MR80	0.66	3	Booka Rd	Orchard Rd	2.35	5.9	1975	B_Double
60	PAYNTERS SIDING RD	4	B06028	MR80	3	3.05	Orchard Rd	End Bitumen	0.05	8	1975	B_Double
61	OLD WAGGA RD	4	b06110	Broad Street	0	3.18	Broad Street	Ridgeview Rd	3.18	8	1975	B_Double
61	OLD WAGGA RD	4	B06150	Elizabeth Street	21.44	21.51	Start Bitumen	Grong Grong River Rd	0.08	4	1975	B_Double
61	OLD WAGGA RD	4	B06151	Elizabeth Street	21.51	21.72	Grong Grong River Rd	Start Seg B06152	0.22	5.5	1975	B_Double
61	OLD WAGGA RD	4	B06152	Elizabeth Street	21.72	21.93	End Seg B06151	Start Seg 50	0.21	4.5	1975	B_Double
1	THE GAP RD	4	b00120	SH14	3.39	3.72	Start Creek Causeway	End Creek Causeway	0.33	7	1977	B_Double
6	PAINTINGS BRIDGE RD	5	10	SH14 (west end)	6.94	8.29	End seg B00620	Start seg B00625	1.36	0	1975	B_Double
6	PAINTINGS BRIDGE RD	5	15	SH14 (west end)	8.59	10.42	End Seg B00625	Brewarrana Lane	1.82	7.4	1975	B_Double
6	PAINTINGS BRIDGE RD	5	20	SH14 (west end)	10.36	10.49	Brewarrana Lane	Start Seg B00640	0.07	7.1	1975	B_Double
6	PAINTINGS BRIDGE RD	5	25	SH14 (west end)	10.69	11.47	End Seg B00630	Start Seg B00640	0.81	7.1	1975	B_Double
6	PAINTINGS BRIDGE RD	5	26	SH14 (west end)	11.67	19.2	End Seg B00640	Start Seg 27	10.08	0	2005	B_Double
6	PAINTINGS BRIDGE RD	5	27	SH14 (west end)	19.2	22.2	End Seg 26	Hewsons Rd	10.08	7.1	1973	B_Double
6	PAINTINGS BRIDGE RD	5	30	SH14 (west end)	22.2	22.37	Hewsons Rd	Kywong Bridge	0.32	6.5	1975	B_Double
27	CENTENARY RD	5	10	MR84	0.25	0.85	End seg b02710	Martins Rd	0.85	5	1975	B_Double
27	CENTENARY RD	5	20	MR84	0.85	1.17	Martin Rd	Mannings Rd	0.32	5	1975	B_Double
27	CENTENARY RD	5	30	MR84	1.17	4.15	Mannings Rd	Middle Rd	2.98	5	1975	B_Double
28	HAMEL RD	5	10	KOLKILBERTOO RD	0	3.43	KOLKILBERTOO RD	Melrose Rd	3.45	5	1975	B_Double
28	HAMEL RD	5	20	KOLKILBERTOO RD	3.43	9.28	Melrose Rd	BEAUMONT RD	5.93	6	1975	B_Double
28	HAMEL RD	5	30	KOLKILBERTOO RD	9.28	10.06	BEAUMONT RD	Udale Rd	0.79	6	1975	B_Double
28	HAMEL RD	5	40	KOLKILBERTOO RD	10.06	12	Udale Rd	Barellan Sandy Ck Rd	1.96	6	1975	B_Double
29	MIDDLE RD	5	20	MR84	2.59	5.41	Barellan Merribee Rd	McDonnells Rd	2.77	5	1975	B_Double
29	MIDDLE RD	5	30	MR84	5.41	7.76	McDonnells Rd	End Segment	2.36	4.5	1975	B_Double
29	MIDDLE RD	5	35	MR84	7.76	10.26	Start Segment	Hulmes Rd	2.5	8	1999	B_Double

29	MIDDLE RD	5	40	MR84	10.26	11.88	Hulmes Rd	Dows Rd	1.64	8	1999	B_Double
29	MIDDLE RD	5	45	MR84	11.88	13.27	Dows Rd	Loobys Rd	1.39	4	1975	B_Double
29	MIDDLE RD	5	50	MR84	13.27	14.91	Loobys Rd	Davies Rd Brobenah	1.64	4.5	1975	B_Double
29	MIDDLE RD	5	60	MR84	14.91	18.51	Davies Rd Brobenah	Nolens Rd	3.63	4.5	1975	B_Double
29	MIDDLE RD	5	70	MR84	18.51	23.02	Nolens Rd	COLINROOBIE RD	4.52	4.5	1975	B_Double
36	MUMBLEDOOL STATION RD	5	10	MR84	0.64	2.8	MR84	Tanswell Park Rd	2.81	5.8	1999	B_Double
36	MUMBLEDOOL STATION RD	5	20	MR84	2.8	3.89	Tanswell Park Rd	Mirrool Rd	1.1	5.8	1999	B_Double
36	MUMBLEDOOL STATION RD	5	30	MR84	3.89	4.95	Mirrool Rd	End Sub segment 1	1.06	6.45	1999	B_Double
36	MUMBLEDOOL STATION RD	5	40	MR84	4.95	13.68	Mirrool Rd	Kamarah Rd	8.75	6.45	1975	B_Double
40	SEMMLER RD	5	20	MR84	0.49	4.01	Yalgogoring Rd	RYANS RD	3.52	5.5	1975	B_Double
40	SEMMLER RD	5	30	MR84	4.01	7.97	RYANS RD	Johns Rd	3.79	5.5	1975	B_Double
45	BANDYS RD	5	10	MR84	0	3.26	MR84	Clarks Rd	3.3	8	1999	B_Double
45	BANDYS RD	5	20	MR84	3.26	6.48	Clarks Rd	Geddes Rd	3.26	5	1975	B_Double
45	BANDYS RD	5	30	MR84	6.48	8.11	Geddes Rd	Curtis Rd	1.61	5	1975	B_Double
45	BANDYS RD	5	40	MR84	8.11	10.57	Curtis Rd	Ellis Rd	2.51	5	1975	B_Double
45	BANDYS RD	5	50	MR84	10.57	13.6	Ellis Rd	Newmans Rd	3.08	5	1975	B_Double
45	BANDYS RD	5	60	MR84	13.6	17	Newmans Rd	Carrathool Shire	3.42	5	1975	B_Double
61	OLD WAGGA RD	5	10	Elizabeth Street	3.18	6.45	Ridgeview Rd	Start Seg 15	5.47	5	1975	B_Double
61	OLD WAGGA RD	5	40	Elizabeth Street	17.22	21.44	Grong Grong Station Rd	Start Bitumen	4.22	4	1975	B_Double
61	OLD WAGGA RD	5	50	Elizabeth Street	21.93	24.94	End Seg B06152	Start Seg 55	5.01	4.5	1977	B_Double
61	OLD WAGGA RD	5	60	Elizabeth Street	26.94	31.06	Uarah Entrance	Wagga City	4.12	4.5	1975	B_Double
112	AXEHANDLE RD	5	10	Sandigo Rd	0	4.48	Sandigo Rd	BIRREGO RD	4.48	6	1975	B_Double
1	THE GAP RD	6	20	SH14	3.72	9.98	End Creek Causeway	Green Rd	6.29	6.15	1975	B_Double
1	THE GAP RD	6	30	SH14	10.04	13.83	Green Rd	Kangaroo Plains Rd	3.66	5.7	1975	B_Double
1	THE GAP RD	6	40	SH14	13.83	15.5	Kangaroo Plains Rd	Strontian Rd	1.68	5.6	1975	B_Double
20	KYWONG RD	6	10	MR370	0	0.74	MR370	Kywong Boree Ck Rd	0.74	4	1975	B_Double
20	KYWONG RD	6	20	MR370	0.74	2.78	Kywong Boree Ck Rd	MIMOSA RD	2.04	4.5	1975	B_Double
20	KYWONG RD	6	30	MR370	2.78	3.85	MIMOSA RD	Mitchells Rd	1.07	4.5	1975	B_Double
20	KYWONG RD	6	40	MR370	3.85	9.42	Mitchells Rd	Angle Rd Kywong	5.58	4.5	1975	B_Double
20	KYWONG RD	6	50	MR370	9.42	12.07	Higgins Rd	Faithful Rd	2.65	6	1999	B_Double
20	KYWONG RD	6	60	MR370	12.07	14.86	Faithful Rd	Sandigo Boree Ck Rd	2.79	4.5	1974	B_Double
31	HOLLOWAY RD	6	10	MR84	0	2.01	MR84	McDonalds Rd	2.02	5	1975	B_Double
31	HOLLOWAY RD	6	20	MR84	2.01	4.1	McDonalds Rd	Mirrool Rd	2.02	5.5	1975	B_Double
31	HOLLOWAY RD	6	30	MR84	4.1	12.64	Mirrool Rd	Summerset Park Rd	8.56	4	1975	B_Double
31	HOLLOWAY RD	6	40	MR84	12.64	14.81	Summerset Park Rd	Jennings Rd	2.17	4.5	1975	B_Double
31	HOLLOWAY RD	6	50	MR84	14.81	17.23	Jennings Rd	BUNGANBIL RD	2.43	4	1975	B_Double
55	GAWNES RD	6	10	SH17	6.55	11.44	End Bitumen	Cove Rd	4.9	6.5	1975	B_Double
55	GAWNES RD	6	20	SH17	11.44	14.29	Cove Rd	Lismoyle Rd	2.86	6.5	1975	B_Double
55	GAWNES RD	6	30	SH17	14.29	15.74	Lismoyle Rd	End Rd	1.46	6.5	1975	B_Double
58	MANDERLAY RD	6	10	Golf Club Gate	0	2.7	Golf Club Gate	Start new work	10.28	7.2	1974	B_Double
60	PAYNTERS SIDING RD	6	10	MR80	3.05	7.24	End Bitumen	Triggervale Rd	4.2	7.8	1975	B_Double
60	PAYNTERS SIDING RD	6	20	MR80	5.8	6.6	Triggervale Rd	Mejum Park Rd	0.82	6.1	1975	B_Double
61	OLD WAGGA RD	6	30	Elizabeth Street	14.72	17.22	Irrigation Channel	Grong Grong Station Rd	2.5	4	1975	B_Double
65	MEJUM RD	6	10	Kamarah Rd	0	1.56	Kamarah Rd	Start Gravel Section	1.55	5	1999	B_Double

65	MEJUM RD	6	20	Kamarah Rd	1.56	5.53	Start Gravel Section	Smiths Rd	3.96	5	1973	B_Double
65	MEJUM RD	6	30	Kamarah Rd	5.53	5.73	Smiths Rd	Lismoye Rd	0.2	5	1975	B_Double
68	MEJUM PARK RD	6	10	BOREE RD	0	6	BOREE RD	Paynters Siding Rd	5.82	4.2	1973	B_Double
124	HIGGINS RD	6	10	Kywong Boree Ck Rd	0	0.34	Kywong Boree Ck Rd	Irons Rd	0.34	4.5	1975	B_Double
124	HIGGINS RD	6	20	Kywong Boree Ck Rd	0.34	2.57	Faithful Boundary Rd	Scotts Rd	2.24	4.5	1975	B_Double
124	HIGGINS RD	6	30	Kywong Boree Ck Rd	2.57	2.86	Scotts Rd	Jackson Rd	0.3	4.5	1975	B_Double
124	HIGGINS RD	6	40	Kywong Boree Ck Rd	2.86	4.94	Jackson Rd	Kywong Faithful Rd	2.08	5	1973	B_Double
130	GEDDES RD	6	10	Erigolia Rd	0	2.41	Erigolia Rd	STEPHENSONS RD	2.31	5	1975	B_Double
130	GEDDES RD	6	20	Erigolia Rd	2.41	5.65	STEPHENSONS RD	Bandys Rd	3.36	5	1975	B_Double
130	GEDDES RD	6	30	Erigolia Rd	5.65	9.75	Bandys Rd	Euratha Rd	4.09	5	1975	B_Double
132	QUANDONG PARK RD	6	10	KOLKILBERTOO RD	0	2	KOLKILBERTOO RD	Inglis Rd	1.9	4.5	1975	B_Double
132	QUANDONG PARK RD	6	35	KOLKILBERTOO RD	8.1	9.21	SETTLEMENT RD	End Sub segment1	1.11	5	1975	B_Double
132	QUANDONG PARK RD	6	40	KOLKILBERTOO RD	9.21	10.61	End Sub segment 1	Euratha Rd	1.49	6	1999	B_Double
159	RYANS RD	6	10	Barellan Sandy Ck Rd	0	1.8	Barellan Sandy Ck Rd	End Segment 10	1.79	6	1998	B_Double
159	RYANS RD	6	20	Barellan Sandy Ck Rd	1.8	6.54	End Segment 10	Semmler Rd	4.8	6.5	1975	B_Double
155	MCKENZIES RD	6	10	MR7608	0	5.49	MR7608	COLINKROOBIE RD	5.49	4.5	1975	B_Double
164	EVANS SMYLES RD	6	816420	BROBENAH HALL RD	4.9	5.1	End Seg 10	Start Seg 30	6.05	4.5	1975	B_Double
1	THE GAP RD	6	10	SH14	0	3.39	SH14	Start Creek Causeway	3.4	8	1975	B_Double
16	IRONS RD	7	10	Sandigo Boree Ck Rd	0	2.87	Sandigo Boree Ck Rd	Faithfull Rd	2.83	5	1975	B_Double
16	IRONS RD	7	20	Sandigo Boree Ck Rd	2.87	7.82	Faithfull Rd	Angle Rd Kywong	5	5	1975	B_Double
61	OLD WAGGA RD	7	20	Elizabeth Street	8.65	14.72	"Timah" Entrance	Irrigation Channel	6.06	4	1975	B_Double
132	QUANDONG PARK RD	8	20	KOLKILBERTOO RD	2	5.7	Inglis Rd	Waides Rd	3.71	5	1975	B_Double
132	QUANDONG PARK RD	8	30	KOLKILBERTOO RD	5.7	8.1	Waides Rd	SETTLEMENT RD	2.34	5	1975	B_Double
51	BULLOAK TANK RD	4	b05120	MR7608	5.94	8.06	Start Segment B02120	Bogolong Rd	2.12	7.5	1975	B_Double
51	BULLOAK TANK RD	4	b05125	MR7608	8.06	9.75	Bogolong Rd	End Segment B05120	1.69	6.5	1975	B_Double
52	ANGLE RD	4	B05220	SH17	3.92	4.07	Federal Park Rd	End Segment B05220	0.16	8	1975	B_Double
51	BULLOAK TANK RD	5	10	MR7608	9.75	12.17	End Bitumen	Cove Rd	2.42	7.2	1975	B_Double
15	BIRREGO RD	5	20	Sandigo Boree Ck Rd	4.48	5.38	Birrego Rd	Telephone Rd	0.89	4.5	1975	B_Double
15	BIRREGO RD	5	40	Sandigo Boree Ck Rd	6.26	9.08	Maryvale Rd	Strontian Rd	0.89	5	1975	B_Double
15	BIRREGO RD	5	40	Sandigo Boree Ck Rd	6.26	9.08	Maryvale Rd	Strontian Rd	2.82	5	1975	B_Double
51	BULLOAK TANK RD	6	20	MR7608	12.17	13.48	Cove Rd	Gawnes Rd	1.31	6.4	1975	B_Double
52	ANGLE RD	6	10	SH17	0	1.13	SH17	Windamere Rd	1.13	4.6	1975	B_Double
52	ANGLE RD	6	20	SH17	1.13	1.95	Windamere Rd	Cowabbie Ck Rd	0.82	4.7	1975	B_Double
52	ANGLE RD	6	30	SH17	1.95	3.92	Cowabbie Ck Rd	Federal Park Rd	1.97	4	1975	B_Double
52	ANGLE RD	6	40	SH17	4.07	8.61	End Bitumen	Pamandi Rd	4.54	4.5	1975	B_Double
1	CANOLA WAY	3	520	Hume Hwy	8.44	9.85	End Segment 510	Stradbrook Rd +0.50	1.4	0	1975	Road_Train
1	CANOLA WAY	3	532	Hume Hwy	9.85	10.48	Stradbrook Rd + 0.51	Pinehope Rd -0.15	0.63	0	1975	Road_Train
0	CANOLA WAY	3	535	Hume Hwy	10.48	10.85	Pinehope Rd -0.15	Stradbrook Rd +0.23	0.37	0	1975	Road_Train
1	CANOLA WAY	3	537	Hume Hwy	10.85	12.08	Stradbrook Rd +0.23	Start Segment 542	1.23	0	1975	Road_Train
1	CANOLA WAY	3	542	Hume Hwy	12.08	12.93	End Segment 537	Pethers Rd +0.29	0.85	0	1975	Road_Train
1	CANOLA WAY	3	547	Hume Hwy	12.93	13.84	Pethers Rd +0.29	Start Segment 550	0.91	0	1975	Road_Train
0	CANOLA WAY	3	550	Hume Hwy	13.84	14.08	Start Segment	SH 17	0.24	8	1975	Road_Train
2	LOCKHART RD	3	560	Hume Highway	4.29	6.42	TARA RD	End Segment	2.29	8	1975	Road_Train
2	LOCKHART RD	3	570	Hume Highway	6.42	8.91	Start Segment	End Segment	2.48	8	1975	Road_Train

2	LOCKHART RD	3	580	Hume Highway	8.91	11	Start Segment	End Segment	2.09	8	1975	Road_Train
2	LOCKHART RD	3	590	Hume Highway	11	13.31	End Segment	SH 14	2.29	8	1975	Road_Train
2	CANOLA WAY	3	510	Hume Hwy	6.61	8.44	Pamandi Rd	Start Segment 520	1.83	0	1975	Road_Train
2	BACK MORUNDAH RD	4	b00310	Raes Ln	0	1.78	Raes Ln	Nortons Rd	1.78	8	1975	Road_Train
2	BACK MORUNDAH RD	4	b00313	Raes Ln	1.78	3.68	Nortons Rd	Hornbuckles Rd	1.9	8.2	1975	Road_Train
2	BACK MORUNDAH RD	4	b00316	Raes Ln	3.68	5.32	Hornbuckles Rd	End Segment B00310	1.64	8.2	1975	Road_Train
1	BACK MORUNDAH RD	4	b00320	Raes Ln	5.32	6.44	Start Segment B00320	Devlins Bridge Rd	1.12	9	1975	Road_Train
1	BACK MORUNDAH RD	4	b00325	Raes Ln	6.44	7.28	Devlins Bridge Rd	End Segment B00320	0.84	9	1975	Road_Train
2	BACK MORUNDAH RD	4	b00330	Raes Ln	7.28	8.78	Start Segment B00330	Windella Rd	1.5	8.2	1975	Road_Train
3	BACK MORUNDAH RD	4	b00335	Raes Ln	8.78	11.86	Windella Rd	JENKINS RD	3.08	8.2	1975	Road_Train
0	BACK MORUNDAH RD	4	B00337	Reas Lane	11.91	11.93	Cuddell Ck Rd	End Segment	0.06	8	0	Road_Train
3	BACK MORUNDAH RD	4	B00340	Raes Ln	11.86	15.12	Start Segment B00340	End Segment B00340	3.26	8	1975	Road_Train
2	BACK MORUNDAH RD	4	b00350	Raes Ln	15.12	17.06	Start Segment B00350	Back Yamma Rd	1.94	8	1975	Road_Train
0	BACK MORUNDAH RD	4	b00352	Raes Ln	17.06	17.16	Back Yamma Rd	End Segment B00350	0.1	8.1	1975	Road_Train
2	BACK MORUNDAH RD	4	b00360	Raes Ln	17.16	19.21	Start Segment B00360	End Segment B00360	2.06	8.2	1999	Road_Train
1	BACK MORUNDAH RD	4	B00370	Raes Ln	19.21	20.39	Start Gravel	Campbells Rd	1.18	8.2	1975	Road_Train
0	BACK MORUNDAH RD	4	B00375	Reas Lane	20.39	20.6	Campbells Rd	End Segment	0.21	0	0	Road_Train
0	KANGAROO PLAINS RD	4	B00420	SH17	3.91	4.21	Start Dust Strip	End Dust Strip	0.3	8	1975	Road_Train
1	BOREE CREEK RD	4	b01010	SH14	0.4	0.81	Start Reseal	Kywong Faithful Rd	0.81	8	1975	Road_Train
1	BOREE CREEK RD	4	b01015	SH14	0.81	1.87	Kywong Faithful Rd	End Segment B01010	1.06	8	1975	Road_Train
1	BOREE CREEK RD	4	b01020	SH14	1.87	3.31	Start Segment B01020	MIMOSA RD	1.45	8	1975	Road_Train
1	BOREE CREEK RD	4	b01025	SH14	3.31	4.02	MIMOSA RD	End Segment B01020	0.71	8	1975	Road_Train
1	BOREE CREEK RD	4	b01030	SH14	4.02	4.93	Start Segment B01030	Owers Rd	0.91	8	1975	Road_Train
1	BOREE CREEK RD	4	b01033	SH14	4.93	6.2	Owers Rd	BANKVALE RD	1.27	8	1975	Road_Train
1	BOREE CREEK RD	4	b01037	SH14	6.2	7.41	BANKVALE RD	End Segment B01030	1.21	8	1975	Road_Train
0	BOREE CREEK RD	4	b01039	SH14	7.41	7.44	Start Segment B01040	Scotts Gepperts Rd	0.05	8	1975	Road_Train
2	BOREE CREEK RD	4	b01040	SH14	7.44	9.43	Scotts Gepperts Rd	Angle Rd Kywong	1.99	8	1975	Road_Train
1	BOREE CREEK RD	4	b01050	SH14	9.43	10.79	Higgins Rd	Lockhart Shire	1.36	8	1975	Road_Train
1	SANDIGO RD	4	b01210	SH14	0	1.23	SH14	Seal Join	1.23	7	1975	Road_Train
1	SANDIGO RD	4	b01215	SH14	1.29	2.58	Muntz Rd	BIRREGO RD	1.29	7	1975	Road_Train
0	SANDIGO RD	4	b01219	SH14	2.58	2.62	Birrego Rd	End Segment B01210	0.04	7	1975	Road_Train
0	SANDIGO RD	4	b01220	SH14	2.62	2.95	Start Segment B01220	Malwa Rd	0.33	7	1975	Road_Train
2	SANDIGO RD	4	b01225	SH14	2.95	4.62	Malwa Rd	Seal Join	1.68	7	1975	Road_Train
2	SANDIGO RD	4	b01230	SH14	4.62	7.04	Seal Join	Axehandle Rd	2.43	7	1975	Road_Train
0	SANDIGO RD	4	b01233	SH14	7.04	7.36	Axehandle Rd	Miles Rd	0.36	7	1975	Road_Train
2	SANDIGO RD	4	b01235	SH14	7.36	8.95	Miles Rd	End Segment B01220	1.56	7	1975	Road_Train
1	SANDIGO RD	4	b01240	SH14	8.95	9.59	Start Segment B01222	End Segment B01222	0.64	7	1975	Road_Train
1	SANDIGO RD	4	b01250	SH14	9.59	11	Start segment B01230	Kywong Faithful Rd	1.41	7	1975	Road_Train
2	SANDIGO RD	4	b01260	SH14	11	13.57	Kywong Faithful Rd	Urana Shire	2.36	7	1975	Road_Train
4	STRONTIAN RD	4	b01410	SH14	0	4	SH14	Seal Join	4.01	8	1975	Road_Train
0	STRONTIAN RD	4	b01412	SH14	4	4.25	Seal Join	Green Rd	0.38	8	1975	Road_Train
1	STRONTIAN RD	4	b01415	SH14	4.25	5.28	Green Road	End Segment B01410	1.04	8	1975	Road_Train
1	STRONTIAN RD	4	b01420	SH14	5.28	6.66	Start Segment B01420	Quilters Rd	1.39	8	1975	Road_Train
1	STRONTIAN RD	4	b01423	SH14	6.66	7.5	Quilters Rd	Seal Join	0.84	8	1975	Road_Train

1	STRONTIAN RD	4	b01425	SH14	7.5	8.75	Seal Join	Seal Join	1.25	8	1975	Road_Train
1	STRONTIAN RD	4	b01427	SH14	8.75	10	Quilters Rd	The Gap Rd	1.26	8	1991	Road_Train
0	STRONTIAN RD	4	b01429	SH14	10	10.47	The Gap Rd	End Segment B01420	0.48	8	1975	Road_Train
1	STRONTIAN RD	4	b01430	SH14	10.47	11.12	Start Segment B01430	Donaldsons Rd	0.65	8	1975	Road_Train
4	STRONTIAN RD	4	b01434	SH14	11.12	14.97	Donaldsons Rd	Axehandle Rd	3.85	8	1975	Road_Train
0	STRONTIAN RD	4	b01435	SH14	14.94	14.95	Axehandle Rd	End Segment B01430	0.01	8	1975	Road_Train
1	STRONTIAN RD	4	b01440	SH14	14.97	15.97	Start Segment B01440	STONYBANK RD	0.99	8	1975	Road_Train
3	STRONTIAN RD	4	b01445	SH14	15.97	19	STONYBANK RD	Urana Shire	3.04	8	1975	Road_Train
2	ERIGOLIA RD	4	b02605	MR84 + 4.7 km	0	1.69	MR84 + 4.7 km	Geddes Rd	1.81	8	1975	Road_Train
3	ERIGOLIA RD	4	b02610	MR84 + 4.7 km	1.69	4.97	Geddes Rd	End Segment B02610	3.33	8	1978	Road_Train
1	ERIGOLIA RD	4	b02620	MR84 + 4.7 km	4.97	5.91	Start Segment B02620	Ellis Rd	0.83	8	1975	Road_Train
3	ERIGOLIA RD	4	b02625	MR84 + 4.7 km	5.91	8.48	Ellis Rd	End Segment B02620	2.58	8	1975	Road_Train
3	ERIGOLIA RD	4	b02630	MR84 + 4.7 km	8.48	11.8	Start Segment B02630	Carrathool Shire	3.4	8	1975	Road_Train
2	BUNGANBIL RD	4	b03010	MR7608	0	2.34	MR7608	Seal Join	2.33	8	1974	Road_Train
3	BUNGANBIL RD	4	b03015	MR7608	2.34	5.09	Seal Join	End segment B03010	2.75	8	1975	Road_Train
0	BUNGANBIL RD	4	b03020	MR7608	5.09	5.1	Start Segment B03020	Moombool Coloinroobie Rd	0.01	8	1975	Road_Train
3	BUNGANBIL RD	4	b03025	MR7608	5.1	8.28	Holloway Rd	Seal Join	3.19	8	1975	Road_Train
1	BUNGANBIL RD	4	b03026	MR7608	8.28	9.2	Seal Join	Murphys Rd	0.87	8	1975	Road_Train
3	BUNGANBIL RD	4	b03028	MR7608	9.2	12	Murphys Rd	Kamarah Rd	2.83	8	1977	Road_Train
4	COLINROOBIE RD	4	b03210	MR7608	0	4.02	MR7608	End Segment B03210	4.01	8	1975	Road_Train
0	COLINROOBIE RD	4	b03220	MR7608	4.02	4.44	Start Segment B03220	Killara Rd	0.42	8	1975	Road_Train
2	COLINROOBIE RD	4	b03224	MR7608	4.44	6	Killara Rd	McKenzies Rd	1.56	8	1975	Road_Train
1	COLINROOBIE RD	4	b03227	MR7608	6	7.31	McKenzies Rd	End Segment B03220	1.3	8	1975	Road_Train
2	COLINROOBIE RD	4	b03230	MR7608	7.31	9.55	Start Segment B03230	Middle Rd	2.24	8	1975	Road_Train
2	COLINROOBIE RD	4	b03235	MR7608	9.55	11.14	Middle Rd	Leeton Shire	1.59	8	1975	Road_Train
2	BROBENAH HALL RD	4	b03310	MR84	0	1.91	MR84	Start Seg B03315	1.92	8	1975	Road_Train
1	BROBENAH HALL RD	4	b03315	MR84	1.91	2.9	End Seg B03310	Barellan Merribee Rd	0.99	8	1975	Road_Train
1	BROBENAH HALL RD	4	b03317	MR84	2.9	3.7	Barellan Merribee Rd	End Segment B03317	0.82	6	1975	Road_Train
4	BROBENAH HALL RD	4	b03318	MR84	3.7	7.46	End Seg B03316	Start new Creek crossing	3.95	6	1975	Road_Train
1	BROBENAH HALL RD	4	b03319	MR84	7.46	8.48	Start new Creek crossing	End new creek crossing	0.51	8	2005	Road_Train
3	BROBENAH HALL RD	4	b03320	MR84	8.48	11.01	End New creek crossing	End Segment B03320	2.84	8	1975	Road_Train
0	BROBENAH HALL RD	4	b03330	MR84	11.01	11.02	Start segment B03330	Hulmes Rd	0.01	8	1975	Road_Train
2	BROBENAH HALL RD	4	b03331	MR84	11.02	13.45	Hulmes Rd	Loobys Rd	2.42	8	1975	Road_Train
2	BROBENAH HALL RD	4	b03335	MR84	13.45	15.08	Loobys Rd	Davies Rd	1.69	8	1975	Road_Train
0	BROBENAH HALL RD	4	b03337	MR84	15.08	15.48	Davies Rd	Evans Smyles Rd	0.37	8	1975	Road_Train
2	BROBENAH HALL RD	4	b03339	MR84	15.48	17.61	Evans Smyles Rd	End Segment B03330	2.14	8	1975	Road_Train
4	BROBENAH HALL RD	4	b03340	MR84	17.61	22.02	Start Segment B03340	Leeton Shire	4.41	8	1975	Road_Train
0	KAMARAH RD	4	b03810	MR84	0	0.38	MR84	End Segment B03810	0.38	8	1975	Road_Train
1	KAMARAH RD	4	b03820	MR84	0.38	1.79	Start Segment B03820	Dobells Rd	1.42	8	1975	Road_Train
0	KAMARAH RD	4	b03822	MR84	1.79	2.17	Dobells Rd	Tanswell Park Rd	0.38	8	1975	Road_Train
4	KAMARAH RD	4	b03825	MR84	2.17	6.24	Tanswell Park Rd	Druces Rd	4.08	8	1975	Road_Train
0	KAMARAH RD	4	b03828	MR84	6.24	6.69	Druces Rd	End Segment B03820	0.4	8	1975	Road_Train
3	KAMARAH RD	4	b03830	MR84	6.69	9.46	Start Segment B03830	End Segment B03830	2.77	8	1975	Road_Train
2	KAMARAH RD	4	b03840	MR84	9.46	10.99	Start Segment B03840	Shannons Rd	1.53	8	1975	Road_Train



1	KAMARAH RD	4	b03844	MR84	10.99	11.75	Shannons Rd	Moombool Willows Rd	0.77	8	1975	Road_Train
1	KAMARAH RD	4	b03848	MR84	11.75	12.62	Mumbledool Station Rd	End Segment B03840	0.87	8	1975	Road_Train
0	KAMARAH RD	4	b03850	MR84	12.6	12.65	Start Segment B03850	Willows-Ardlethan Rd	0.17	8	1975	Road_Train
1	KAMARAH RD	4	b03852	MR84	12.62	13.95	WILLOWS RD	Murphys Rd	1.33	8	1975	Road_Train
2	KAMARAH RD	4	b03854	MR84	13.95	16.11	Murphys Rd	LITCHFIELD LN	2.17	8	1975	Road_Train
0	KAMARAH RD	4	b03856	MR84	16.11	16.46	LITCHFIELD LN	BUNGANBIL RD	0.35	8	1975	Road_Train
3	KAMARAH RD	4	b03858	MR84	16.46	19.24	BUNGANBIL RD	End Segment B03850	2.79	8	1975	Road_Train
2	KAMARAH RD	4	b03860	MR84	19.24	21.49	Start Segment B03860	End Segment B03860	2.26	8	1975	Road_Train
1	KAMARAH RD	4	b03870	MR84	21.49	22.35	Start Segment B03870	Landervale Rd	0.86	8	1975	Road_Train
3	KAMARAH RD	4	b03874	MR84	22.35	25.66	Landervale Rd	Oaklands Rd	3.32	8	1975	Road_Train
1	KAMARAH RD	4	b03877	MR84	25.66	26.2	Oaklands Rd	End Segment B03870	0.55	8	1975	Road_Train
6	KAMARAH RD	4	b03880	MR84	26.2	32.56	Segment B03870	MEJUM RD	6.37	8	1975	Road_Train
1	KAMARAH RD	4	b03885	MR84	32.56	33.4	Mejum Rd	End Segment B03880	0.84	8	1975	Road_Train
5	KAMARAH RD	4	b03890	MR84	33.4	38.64	Start Segment B03090	End Segment B03890	5.28	8	1975	Road_Train
4	KAMARAH RD	4	b03895	MR84	38.64	42.67	Start Segment B03895	MR7608	4.02	8	1975	Road_Train
0	LANDERVALE RD	4	B03930	SH17	4.7	5.07	Start Seg B03930	Glen Moor	0.37	4.5	1975	Road_Train
1	LANDERVALE RD	4	B03935	SH17	5.07	5.69	Glen Moor	End Seg B03930	0.62	8	1999	Road_Train
0	SANDY CREEK RD	4	B04410	MR84	0	0.43	MR84	Barellan Showgrnd Rd	0.46	5	1975	Road_Train
0	SANDY CREEK RD	4	B04411	MR84	0.43	0.89	Barellan-Showground Rd	End Seg B044010	0.44	5	1975	Road_Train
1	SANDY CREEK RD	4	B04412	MR84	0.89	2.3	End Seg B044010	End Seg B04412	1.4	6	1975	Road_Train
1	SANDY CREEK RD	4	B04413	MR84	2.3	3	End Seg B04412	Quades Rd	0.7	5	1975	Road_Train
1	SANDY CREEK RD	4	B04414	MR84	3	3.72	Quades Rd	End Seg B04414	0.74	5	1975	Road_Train
0	SANDY CREEK RD	4	B04415	MR84	3.72	3.9	End Seg B04414	Start seg 30	0.2	5	1975	Road_Train
3	BULLOAK TANK RD	4	B05110	MR7608	0	2.79	MR7608	SCANNEL RD	2.79	5.6	1975	Road_Train
2	BULLOAK TANK RD	4	b05115	MR7608	2.79	5.1	Charles Rd	Lismoyle Rd	2.32	6.1	1975	Road_Train
0	LISMOYLE RD	4	B06419	SH17	0.86	1.06	End Seg 10	Start Seg B0420	0.22	6	2002	Road_Train
0	LISMOYLE RD	4	b06420	SH17	1.06	1.32	Start Bitumen Dust Strip	End Bitumen Dust Strip	0.26	5	1975	Road_Train
5	LISMOYLE RD	4	b06450	SH17	12.28	17	Start Bitumen	Bulloak Tank Rd	4.73	8.5	1975	Road_Train
0	QUILTERS RD	4	B11105	SH14	0	0.46	SH14	End Seal	0.47	8	0	Road_Train
2	KANGAROO PLAINS RD	5	10	SH17	0	1.67	SH17	Jolleys Rd	1.67	6	1973	Road_Train
2	KANGAROO PLAINS RD	5	20	SH17	1.74	3.91	Jolleys Rd	Start Dust strip	2.24	6	1973	Road_Train
3	KANGAROO PLAINS RD	5	25	SH17	4.21	7.62	End Dust Strip	Davies Rd	3.4	6	1975	Road_Train
2	KANGAROO PLAINS RD	5	30	SH17	7.62	9.5	Davies Rd	Donaldsons Rd	1.88	6	1975	Road_Train
5	KANGAROO PLAINS RD	5	40	SH17	9.5	14.03	Donaldsons Rd	The Gap Rd	4.54	6	1975	Road_Train
5	DEVLINS BRIDGE RD	5	10	Back Morundah Rd	0	4.87	Back Morundah Rd	JENKINS RD	4.86	8	1968	Road_Train
5	DEVLINS BRIDGE RD	5	20	Back Morundah Rd	4.87	9.74	JENKINS RD	End segment	4.86	8	2000	Road_Train
2	DEVLINS BRIDGE RD	5	27	Back Morundah Rd	9.74	11.43	Start segment	Boltons Bridge	1.69	8	1975	Road_Train
0	EURATHA RD	5	B03520	MR84	4.43	4.63	End Seg 10	Start Seg 20	0.2	5	1975	Road_Train
0	EURATHA RD	5	B03540	MR84	8.68	8.89	Start Seg B03540	End Seg B03540	0.21	5	1975	Road_Train
4	EURATHA RD	5	10	MR84	0	4.43	MR84	Start Seg B03520	4.44	5	5925	Road_Train
1	EURATHA RD	5	15	MR84	4.63	5.48	End Seg B035020	Quandong Park Rd	0.76	5	1975	Road_Train
2	EURATHA RD	5	20	MR84	5.48	7.56	Quandong Park rd	Geddes Rd	2.1	4.5	1975	Road_Train
1	EURATHA RD	5	30	MR84	7.56	8.68	Geddes Rd	Start Seg B03540	1.12	5	1975	Road_Train
0	EURATHA RD	5	35	MR84	8.98	9.19	End Seg B035040	Curtis Rd	0.3	5	1975	Road_Train

2	EURATHA RD	5	40	MR84	9.19	10.96	Curtis Rd	Ellis Rd	2.31	5	1975	Road_Train
1	EURATHA RD	5	50	MR84	10.96	11.79	Ellis Rd	Sandersons Rd	0.77	5	1975	Road_Train
1	EURATHA RD	5	60	MR84	11.79	12.35	Sandersons Rd	Bland Shire	0.91	5	1975	Road_Train
5	LANDERVALE RD	5	10	SH17	0	4.7	SH17	Start Seg B03930	4.7	4.5	1975	Road_Train
2	LANDERVALE RD	5	20	SH17	5.69	7.91	End Seg B03930	Buttons Rd	2.22	4.5	1975	Road_Train
2	LANDERVALE RD	5	30	SH17	7.91	10.13	Buttons Rd	Oaklands Rd	2.22	4.5	1975	Road_Train
2	LANDERVALE RD	5	40	SH17	10.13	12.5	Oaklands Rd	Kamarah Rd	2.37	4.5	1974	Road_Train
1	SANDY CREEK RD	5	30	MR84	4.11	5.05	End Seg B04416	McVickers Rd	1.15	5	1975	Road_Train
2	SANDY CREEK RD	5	40	MR84	5.35	6.94	McVickers Rd	Melrose Rd	1.98	5	1975	Road_Train
2	SANDY CREEK RD	5	60	MR84	8.5	9.31	RYANS RD	Johns Rd	1.6	8	1999	Road_Train
1	SANDY CREEK RD	5	60	MR84	8.5	9.31	RYANS RD	Johns Rd	0.78	8	1999	Road_Train
4	SANDY CREEK RD	5	70	MR84	9.31	12.83	Johns Rd	Hamel Rd	3.63	5	1975	Road_Train
5	SANDY CREEK RD	5	80	MR84	12.92	17.64	Hamel Rd	Bland Shire	4.78	5	1975	Road_Train
1	LISMOYLE RD	5	10	SH17	0	0.86	SH17	Start Bitumen Dust Strip	0.86	7.1	1975	Road_Train
2	LISMOYLE RD	5	20	SH17	1.32	3.29	End Bitumen Dust Strip	Gawnes Rd	1.97	6.8	1975	Road_Train
3	LISMOYLE RD	5	30	SH17	3.29	6.38	Gawnes Rd	Mejum Rd - 0.05	3.14	7.4	1975	Road_Train
2	LISMOYLE RD	5	35	SH17	6.47	8.46	Mejum Rd + 0.05	End resheet	2.03	7.9	1975	Road_Train
2	LISMOYLE RD	5	40	SH17	8.46	10.69	End resheet	Powells Rd	2.23	7.9	1975	Road_Train
2	LISMOYLE RD	5	50	SH17	10.69	12.28	Powells Rd	Start bitumen	1.57	7	1975	Road_Train
3	BOREE RD	5	10	MR7608	0	2.95	MR7608	Mejum Park Rd	2.94	7.3	1975	Road_Train
4	BOREE RD	5	20	MR7608	2.95	6.78	Mejum Park Rd	Triggervale Rd	3.82	8.3	1975	Road_Train
1	BOREE RD	5	30	MR7608	6.78	8.09	Triggervale Rd	Leeton Shire	1.3	6.2	1975	Road_Train
4	MURRELL CREEK RD	5	10	SH17	0	3.82	SH17	Thompsons Rd	3.82	8	1999	Road_Train
0	MURRELL CREEK RD	5	15	SH17	3.82	4.03	Thompsons Rd	End Sub Segment 1	0.22	8	1999	Road_Train
1	MURRELL CREEK RD	5	20	SH17	4.03	5.19	Thompsons Rd	McDonalds Rd	1.16	3	1975	Road_Train
2	MURRELL CREEK RD	5	30	SH17	5.19	7.39	McDonalds Rd	Coolamon Shire	2.2	8	1999	Road_Train
5	QUILTERS RD	5	10	SH14	0	4.9	SH14	Strontian Rd	4.87	6.15	1974	Road_Train
4	DOWS RD	5	10	MR7608	0	4.07	MR7608	Mannings Rd	4.08	3.5	1975	Road_Train
2	DOWS RD	5	20	MR7608	4.07	5.65	Mannings Rd	Middle Rd	1.58	3.5	0	Road_Train
7	BACK MORUNDAH RD	5	10	Raes Ln	20.6	27.39	Campbells Rd	Urana Shire	6.8	3	1975	Road_Train
4	DEVLINS BRIDGE RD	6	30	Back Morundah Rd	11.43	15.63	Boltons Bridge	End Gravel	4.2	7.7	1970	Road_Train
2	DEVLINS BRIDGE RD	7	40	Back Morundah Rd	15.63	17.84	End Gravel	End Rd	2.21	5.7	1975	Road_Train
4	PAMANDI SIDING RD	8	10	Federal Park Rd	0	4.2	Federal Park Rd	Pamandi Rd	4.22	4.5	1975	Road_Train
3	COWABBIE RD	4	b05610	SH17	0	0.7	SH17	Start seg B05612	2.99	8	1975	Road_Train
3	COWABBIE RD	4	b05620	SH17	2.99	5.69	Start Segment B05620	End Segment B05620	2.7	8	1975	Road_Train
2	COWABBIE RD	4	b05630	SH17	5.69	7.5	Start Segment B05630	Pamandi Rd	1.81	8	1975	Road_Train
2	PAMANDI RD	5	10	MR243	0	1.65	MR243	Bicentennial Rd	1.65	3.5	1975	Road_Train
0	PAMANDI RD	5	20	MR243	1.65	2.07	Bicentennial Rd	Causeway - Cowabbie Ck	0.43	6.7	1975	Road_Train
4	PAMANDI RD	5	25	MR243	2.22	5.94	Causeway	Angle Rd	3.72	6.7	1975	Road_Train
2	PAMANDI RD	5	30	MR243	5.94	8.3	Angle Rd	Walshes Rd	2.23	6.8	1998	Road_Train
0	PAMANDI RD	5	40	MR243	8.3	8.65	Walshes Rd	Start Floodway	0.35	7	1998	Road_Train
1	PAMANDI RD	5	45	MR243	8.8	10.12	End Floodway	Federal Park Rd	1.32	7	1975	Road_Train
4	PAMANDI RD	5	50	MR243	10.12	14.27	Federal Park Rd	Cowabbie Rd	4.17	5.9	1975	Road_Train
3	PAMANDI RD	5	60	MR243	14.27	17.45	Cowabbie Rd	Coolamon Shire	3.19	6.5	1975	Road_Train

1	BUCKINGBONG RD	4	b00810	SH14	0	1	SH14	Seal Join	1	8	1973	Road_Train
0	BUCKINGBONG RD	4	800812	SH14	1	1.45	Seal join	End Segment B00810	0.45	8	1973	Road_Train
1	BUCKINGBONG RD	4	b00820	SH14	1.45	2.95	Start Segment B00820	End Segment B00820	1.49	8	1973	Road_Train
4	BUCKINGBONG RD	4	b00825	SH14	2.95	6.85	Start Segment B00825	End Segment B00825	3.88	8	1975	Road_Train
5	BUCKINGBONG RD	4	b00830	SH14	6.85	11.38	Start Segment B00830	Dellapool Rd	4.54	8	1968	Road_Train
0	BUCKINGBONG RD	4	b00831	SH14	11.38	11.49	Dellapool Rd	Start Gravel	0.12	8	1968	Road_Train
2	BUCKINGBONG RD	5	10	SH14	11.49	13.66	Start gravel	Sandigo River Rd (N)	2.16	7.7	1970	Road_Train
3	BUCKINGBONG RD	5	20	SH14	13.66	16.3	Rosedale Rd	Arrambee Rd	2.63	8.2	1975	Road_Train
3	BUCKINGBONG RD	5	30	SH14	16.3	18.97	Arrambee Rd	Brewarrena Lane	2.67	8	1975	Road_Train
13	BUCKINGBONG RD	5	40	SH14	18.97	23.04	Brewarrana Lane	Start Segment 45	13.12	8	1977	Road_Train
1	SETTLERS RD	5	10	SH14	0	1.34	SH14	Wareena Rd	1.36	4.5	1975	Road_Train
3	SETTLERS RD	5	20	SH14	1.34	4.74	Wareena Rd	Paintings Bridge Kywong Rd	3.41	4	1975	Road_Train
6	ROSEDALE RD	5	30	SH14	4.9	10.38	Paintings Bdge Kywong Rd	Buckingbong Rd	5.63	7.4	1977	Road_Train
3	NEWELL	0	20090507	20090507	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
2	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
1	NEWELL	0	20090420	20090420	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
2	NEWELL	0	20090420	20090420	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
1	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
1	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
1	NEWELL	0	20090507	20090507	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
2	NEWELL	0	20090507	20090507	20040112	20040112	5	0	0	99.999	0	Road_Train
2	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20090507	20090507	20040112	20040112	5	0	0	99.999	0	Road_Train
1	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070208	20070208	20050112	20050112	5	0	0	99.999	0	Road_Train
0	NEWELL	0			20040112	20040112	5	0	0	99.999	0	Road_Train
1	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20070828	20070828	20040112	20040112	5	0	0	99.999	0	Road_Train
2	NEWELL	0	20090420	20090420	20040112	20040112	5	0	0	99.999	0	Road_Train
0	NEWELL	0	20090507	20090507	20040112	20040112	5	0	0	99.999	0	Road_Train



7608	BARELLAN RD	3	1070	SH 17	11.22	12.93	End Segment 1060	Start Segment 1080	1.72	0	1975	AB_Triple
7608	BARELLAN RD	3	1080	SH 17	12.93	13.63	End Segment 1070	Start Segment 1090	0.66	0	1975	AB_Triple
7608	BARELLAN RD	3	1090	SH 17	13.63	14.22	End Segment 1080	Start Segment 1100	0.6	0	1975	AB_Triple
7608	BARELLAN RD	3	1100	SH 17	14.22	15.89	End Segment 1090	Start Segment 1110	1.67	0	1975	AB_Triple
7608	BARELLAN RD	3	1110	SH 17	15.89	17.62	End Segment 1100	BOREE RD + 0.19	1.73	0	1975	AB_Triple
7608	BARELLAN RD	3	1120	SH 17	17.62	19.58	BOREE RD + 0.19	Start Segment 1130	1.97	0	1975	AB_Triple
7608	BARELLAN RD	3	1130	SH 17	19.58	20.62	End Segment 1120	Start Segment 1140	1.04	0	1975	AB_Triple
7608	BARELLAN RD	3	1140	SH 17	20.62	22.24	End Segment 1130	Square Knob Rd + 0.58	1.63	0	1975	AB_Triple
7608	BARELLAN RD	3	1150	SH 17	22.24	24.07	End Segment 1140	Start Segment 1160	1.84	0	1975	AB_Triple
7608	BARELLAN RD	3	1160	SH 17	24.11	25.34	End Segment 1150	Start Segment 1170	1.28	0	1975	AB_Triple
7608	BARELLAN RD	3	1170	SH 17	25.34	27.1	End Segment 1160	Start Segment 1180	1.76	0	1975	AB_Triple
7608	BARELLAN RD	3	1180	SH 17	27.1	28.37	End Segment 1170	Males Rd + 0.473	1.27	0	1975	AB_Triple
7608	BARELLAN RD	3	1190	SH 17	28.37	30.35	Mount Misery Rd - 0.53	Beechers Rd + 0.82	1.98	0	1975	AB_Triple
7608	BARELLAN RD	3	1200	SH 17	30.35	31.88	Beechers Rd + 0.82	McKenzies Rd + 0.78	1.35	0	1975	AB_Triple
7608	BARELLAN RD	3	1210	SH 17	31.88	33.88	McKenzies Rd + 0.78	Start Segment 1220	1.96	0	1975	AB_Triple
7608	BARELLAN RD	3	1220	SH 17	33.88	35.16	End Segment 1210	COLINROOBIE RD + 0.	1.28	0	1975	AB_Triple
7608	BARELLAN RD	3	1230	SH 17	35.16	35.59	COLINROOBIE RD +	Start Segment 1240	0.43	0	1975	AB_Triple
7608	BARELLAN RD	3	1240	SH 17	35.59	37.19	COLINROOBIE RD +0	BUNGANBIL RD	1.72	0	1975	AB_Triple
7608	BARELLAN RD	3	1250	SH 17	37.19	38.88	BUNGANBIL RD	Baldwins Rd + 0.84	1.6	0	1975	AB_Triple
7608	BARELLAN RD	3	1260	SH 17	38.88	40.46	Baldwins Rd + 0.61	Start Segment 1270	1.57	0	1975	AB_Triple
7608	BARELLAN RD	3	1271	SH 17	40.46	42.18	End Segment 1260	Kennys Rd + 0.57	1.97	0	1975	AB_Triple
7608	BARELLAN RD	3	1280	SH 17	42.18	44.41	Kennys Rd + 0.58	Bourkes Rd + 0.46	1.97	0	1975	AB_Triple
7608	BARELLAN RD	3	1290	SH 17	44.41	45.64	Bourkes Rd + 0.46	Start Segment 1300	1.26	0	1975	AB_Triple
7608	BARELLAN RD	3	1300	SH 17	45.64	46.85	End segment 1290	Start Segment 1310	1.38	0	1975	AB_Triple
7608	BARELLAN RD	3	1310	SH 17	46.85	47.57	End Segment 1300	Start Segment 1320	0.8	0	1975	AB_Triple
7608	BARELLAN RD	3	1320	SH 17	47.57	49.5	End Segment 1310	McKinnons Rd +0.62	1.96	0	1975	AB_Triple
7608	BARELLAN RD	3	1330	SH 17	49.5	50.15	McKinnons Rd +0.62	Start Segment 1340	0.67	0	1975	AB_Triple
7608	BARELLAN RD	3	1340	SH 17	50.15	51.24	End Segment 1330	Orams Rd - 0.21	1.09	0	1975	AB_Triple
7608	BARELLAN RD	3	1350	SH 17	51.24	52.46	McKinnons Rd - 0.21	Start Segment 1360	1.07	0	1975	AB_Triple
7608	BARELLAN RD	3	1360	SH 17	52.46	54.07	End Segment 1350	Old Narrandera Rd -0.28	1.76	0	1975	AB_Triple
7608	BARELLAN RD	3	1370	SH 17	54.07	55.39	Old Narrandera Rd - 0.26	Burley Griffin Way	1.35	0	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03710	MR84	0	0.56	MR84	Barell Golf Course Rd.	0.56	8	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03713	MR84	0.56	1.6	Barellan Golf Course Rd	Hamel Rd	1.09	8	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03717	MR84	1.6	3.56	Hamel Rd	End Segment B03710	2.05	8	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03720	MR84	3.56	7.68	Start Segment B03720	Quandong Park Rd	4.16	8	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03725	MR84	7.68	10.31	Quandong Park Rd	End Segment B03720	2.68	8	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03730	MR84	10.31	11.12	Start Segment B03730	BEAUMONT RD	0.82	8	1975	AB_Triple
37	KOLKILBERTOO RD	4	b03735	MR84	11.12	16.42	BEAUMONT RD	Bland Shire	4.61	8	1975	AB_Triple

Some state roads has data in different format, therefore presented in separate table below

ROAD_NAME	FUNCTIONHIERARCHY	ROADONTYPE	SURFACE	LANECOUNT	STARTDATE	ENDDATE	LASTUPDATE	LENGTH Km	Future Gazettal
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20080729	30000101	20080729	0.2	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1.6	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090416	30000101	20090416	0.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090416	30000101	20090416	0.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1.3	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	1.4	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.6	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0.6	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1.9	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	2	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090311	30000101	20090311	1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.9	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.9	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	1.7	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.8	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090331	30000101	20090331	2.4	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.9	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.7	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	1.8	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090407	30000101	20090407	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.4	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	1.4	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.9	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.3	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.4	AB_Triple

STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.5	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.3	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070522	30000101	20070522	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070905	30000101	20070905	0.1	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0.3	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.2	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20070522	30000101	20070522	0.1	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070522	30000101	20070522	0.3	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	0.3	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.2	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.7	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090601	30000101	20090601	0.2	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	0.5	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	1.8	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.6	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	0.3	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	0.3	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20080103	30000101	20080103	2.3	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.5	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.2	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.8	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	1.6	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.3	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.8	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.2	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple





BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.7	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.8	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	4.9	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090311	30000101	20090311	0.2	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.3	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090311	30000101	20090311	2.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090311	30000101	20090311	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0.1	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	0.5	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090311	30000101	20090311	0.2	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1.7	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090311	30000101	20090311	2.5	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0	AB_Triple
BURLEY GRIFFIN WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070226	30000101	20070226	1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	2.6	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090331	30000101	20090331	3.5	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090331	30000101	20090331	0.6	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090407	30000101	20090407	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.4	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090722	30000101	20090722	1.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	1.2	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	1.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.2	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.2	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	1.6	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0.8	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.7	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	1.8	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070522	30000101	20070522	0.4	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0.1	AB_Triple



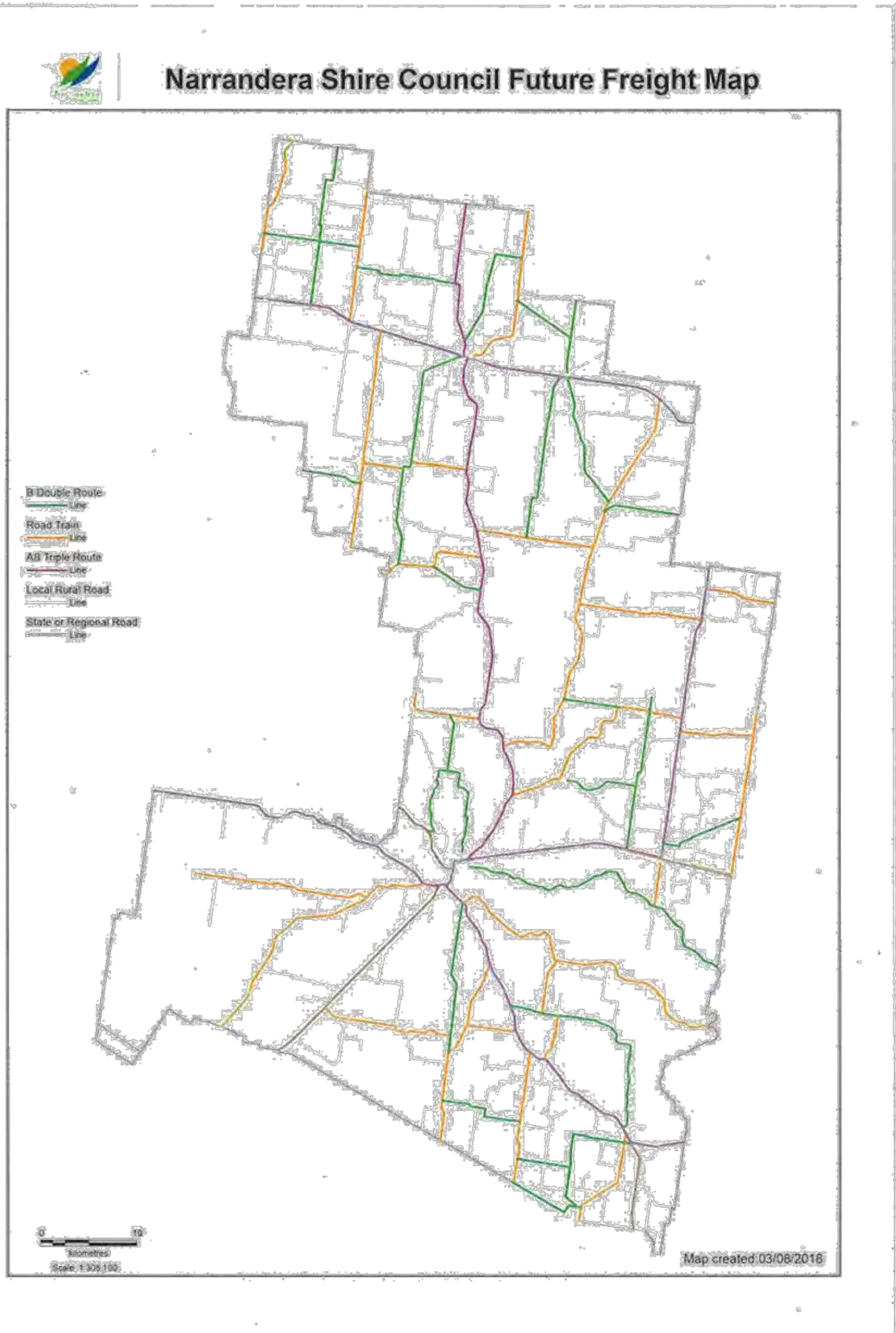


STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070905	30000101	20070905	0.2	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070522	30000101	20070522	0.1	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090722	30000101	20090722	1.9	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.6	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070522	30000101	20070522	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	2	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.9	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.6	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090422	30000101	20090422	0.9	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.3	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	3	AB_Triple
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090313	30000101	20090313	0.1	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.5	AB_Triple
STURT HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070320	30000101	20070320	0.8	AB_Triple
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.2	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.4	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.6	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.6	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train

IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	1	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.5	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.3	Road_Train
IRRIGATION WAY	ArterialRoad	OnGround	SealedSurface	TwoOrMoreLanes	20100512	30000101	20100512	0.9	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	2.8	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.5	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	1.9	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090420	30000101	20090420	0.5	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090420	30000101	20090420	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.2	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnBridge	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.1	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090420	30000101	20090420	2.1	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.6	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	1.1	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.2	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.2	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090420	30000101	20090420	0.3	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.5	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.5	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.4	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.2	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	1.4	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070208	30000101	20070208	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.7	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20070828	30000101	20070828	0.5	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090420	30000101	20090420	1.7	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	0.2	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.6	Road_Train
NEWELL HIGHWAY	PrimaryRoad	OnGround	SealedSurface	TwoOrMoreLanes	20090507	30000101	20090507	1.8	Road_Train

**Appendix E – Proposed Freight Route Map for Narrandera Shire (As of Appendix D)**

Note: The start and end points are based on Asset Register.

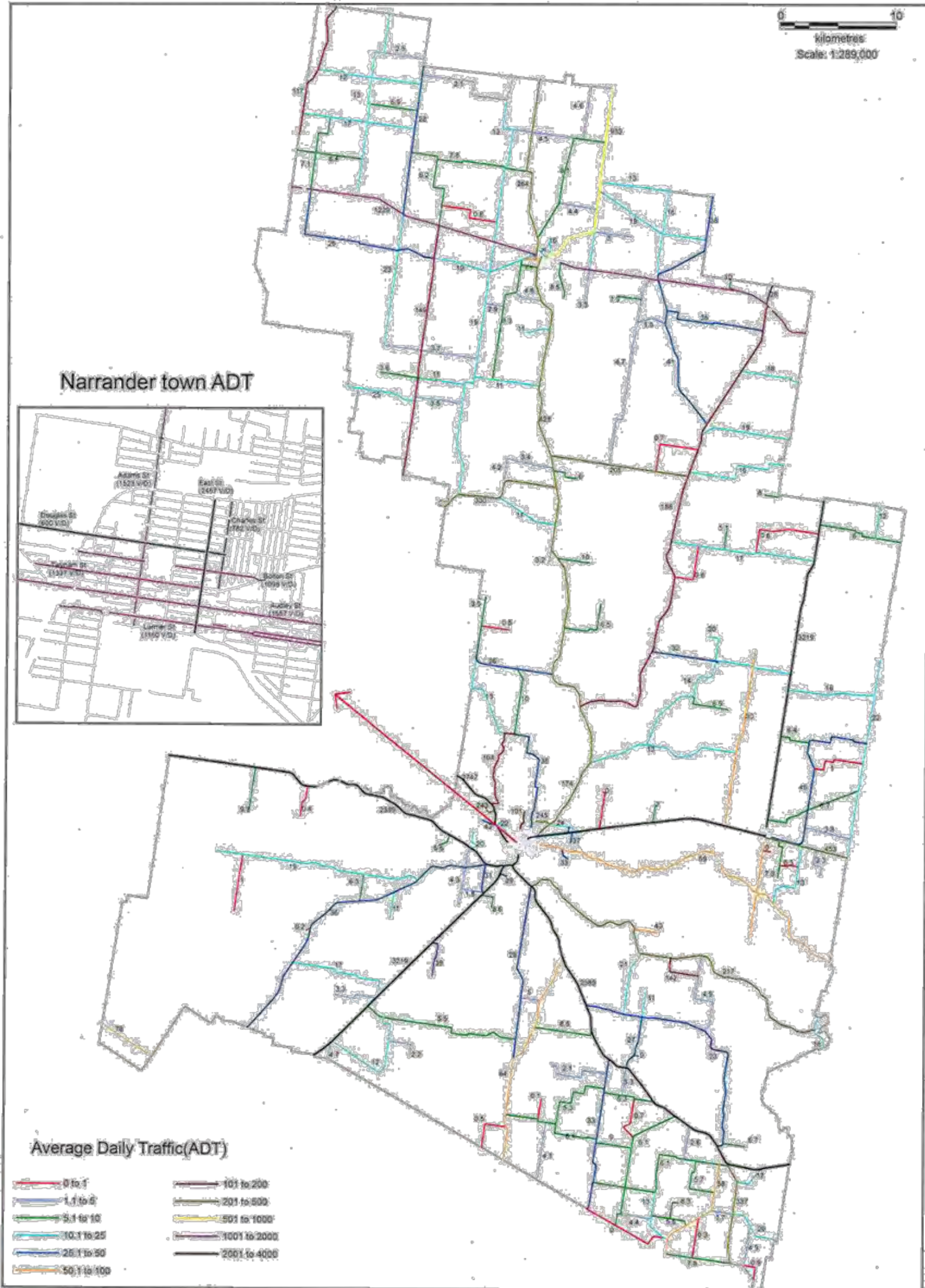


**Appendix F: List of Bridges on future freight route**

Road Name	Road #	Dist. From Start Node	Start node	Bridge #	Description	Construction Date	Construction Type	Length m	Width m	Area m2	Span Sizes	Level 4 assessment required?	Comment
Barellan Rd	7008	49.00	Newell Hwy	R7608-320-15	Barellan - Bridge	1967	Concrete	61	7.320	446.2	5 spans 12.19		Level 3 assessment done
Buckingbong Rd	8	19.50	Sturt Hwy	R8-70-15	Brewarrana - Bridge	1976	Concrete	40.5	6.500	263.3	3 spans 13.5	Yes	Level 3 assessment done
Devilins Bridge Rd	5	4.80	Back Morundah Rd	R5-20-15	Devilins - Bridge	1972	Concrete	26.13	7.320	191.3	3 spans 8.71	Yes	Level 3 assessment done
Paintings Bridge Rd	6	0.10	Sturt Hwy (Kywong)	R6-30-15	Kywong - Bridge	1976	Concrete	55.6	6.500	361.4	5 spans 11.12		Level 3 assessment done
Mollys Lagoon Rd	127	2.80	Sturt Hwy	R127-10-15	Molleys - Bridge	1950	Timber	22.5	2.740	61.7	3 spans 7.5		
Paintings Bridge Rd	6	0.90	Sturt Hwy (north intersection)	R6-10-15	Paintings Bridge - Bridge	1975	Concrete	55.6	6.500	361.4	5 spans 11.12	Yes	Level 3 assessment done
Grong Grong River Rd	53	0.05	Old Wagga Rd	R53-10-15	Redbank - Bridge	1976	Concrete	30.3	6.800	206.0	3 spans 10.1	Yes	Level 3 assessment done
Settlers Rd	13	0.30	Sturt Hwy	R13-10-15	Sandigo - Bridge	2003	Concrete	30	8.400	252.0	3 spans 10	Yes	Level 3 assessment done
Back Yamma Rd	203	0.05	Back Morundah Rd	R203-10-15	Somerset Park - Bridge	1965	Steel	28.2	3.960	111.7	3 spans 9.4		Level 3 assessment done
Kamarah Rd	38	14.00	Barellan Rd	R38-48-15	Willows - Bridge	1966	Concrete	24.4	7.320	178.5	2 spans 12.19	Yes	Level 3 assessment done
Devilins Bridge Rd	5	5.80	Back Morundah Rd	R5-27-15	Boltons - Culvert	1971	Steel	11.6	14.830	169.7	4 spans 2.9	Yes	
Buckingbong Rd	8	8.10	Sturt Hwy	R8-30B-15	Buckingbong No 1 - Culvert	1969	Steel	16.5	10.360	171.3	3 spans 5.51	Yes	
Buckingbong Rd	8	28.00	Sturt Hwy	R8-90-15	Deep Ck Buckingbong - Culvert	2014	Concrete	6	14.400	86.4	1 spans 6		
Canola Way	243	1.9	Newell Hwy	R243-542-15	Cowabbie - Culvert	1971	Concrete	9.6	8.000	76.8	3 spans 3.2	Yes	
Brobenah Hill Rd	33	7.9	Burley Griffin Way	R33-19-15	Mirrol Creek Crossing - Culvert	2005	Concrete	19.95	9.900	198.0	7 spans 2.85	Yes	
Canola Way	243	3.3	Newell Hwy	R243-535-15	Redbank - Culvert	1995	Concrete	32.5	9.760	317.2	10 spans 3.25	Yes	
Higgins Rd	124	1.10	Boree Ck Rd	R124-20-15	Higgins Rd - Causeway	1970	Concrete	25	6.000	149.9	3 spans 8.33	Yes	
Pamandi Rd	50	7.50	Canola Way	R50-30-15	Pamandi Rd - 1st crossing - Causeway	1970	Concrete	43	6.300	270.3	3 spans 14.3	Yes	
Pamandi Rd	50	8.70	Canola Way	R50-36-15	Pamandi Rd - 2nd crossing - Causeway	1970	Concrete	42.9	5.600	240.2	3 spans 14.3	Yes	
Holloway Rd	31	4.20	Burley Griffin Way	R31-20-15	Moombooldool - Causeway	1971	Concrete	32.19	7.200	231.8	3 spans 10.73	Yes	
Pamandi Rd	50	7.90	Canola Way	R50-33-15	Yarran - Causeway	1974	Concrete	49.68	5.800	288.1	6 spans 8.28	Yes	
Buckingbong Rd	8	8.20	Sturt Hwy	R8-30C-15	Buckingbong No 2 - Culvert	1969	Steel	16.5	10.360	171.3	3 spans 5.51	Yes	
				R--15	Grays Hill - Causeway	?	Concrete	13.92	9.900	137.8	4 spans 3.48	Yes	
Federal Park Rd	54			R54-22-15	Redbank - Causeway	?	Concrete	56.7	6.300	357.2	3 spans 18.9	Yes	
Federal Park Rd	54			R54-22-15	Cowabbie - Causeway	?	Concrete	52.48	5.600	293.9	8 spans 6.56	Yes	
Canola Way	243			R243-542-15	Cowabbie - Causeway	?	Concrete	58.5	8.500	497.3	3 spans 19.5	Yes	
Canola Way	243			R243-535-15	Redbank - Causeway	?	Concrete	54.4	5.500	299.2	8 spans 6.8	Yes	
Buckingbong Rd	8	7.75	Sturt Hwy	R8-30A-15	Buckingbong culvert - 9 pipes	1969	Concrete		6	90.0	9 cell 900 dia	Yes	
Bassetts Bridge			Sturt Hwy		Bassett Bridge		Steel	24.38	3.96	96.54			Level 3 assessment done

Appendix G: Asset Utilization Map

Utilization of Narrandera Shire Council's Transport Infrastructure Asset





## 19.2 REVIEW OF NARRANDERA FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

**Document ID:** 406767

**Author:** Manager Projects and Assets

**Authoriser:** Deputy General Manager Infrastructure

**Theme:** Our Infrastructure

**Attachments:**

1. 2019-03-14 - Attachment 1 - Redacted Submissions - Draft Floodplain Documents.pdf - Confidential
2. 2019-03-14 - Attachment 2 - Executive Summary Narrandera Floodplain Risk Management Plan 2019.pdf [↓](#)

### RECOMMENDATION

That Council

1. Adopt the Draft Review of the Narrandera Floodplain Risk Management Study and Plan. Measures set out in Table S1 of the report.
2. Commence a detailed review of planning controls relating to flooding noting the measures in the study and plan.
3. Apply for funding under the 2019/20 Flood Management Program to progress the following high priority measures identified in the Flood Risk Management Plan 2019:
  - a) Measure 9 - Investigation and concept design of Detention Basin Strategy (Option 2)
  - b) Measure 5 - Investigation to assess requirements for upgrading the Southern Main Canal Embankment
  - c) Measure 11 - Commission a Voluntary Purchase and House Raising Feasibility Study for properties identified as being subject to hazardous flooding.

### PURPOSE

The purpose of this report is to seek a resolution from Council to adopt the Draft Review of the Narrandera Floodplain Risk Management Study and Plan (RNFRMS&P).

### SUMMARY

It is recommended that Council adopt the review of the draft Floodplain Risk Management Plan 2019 (FRMP 2019).

The draft report reviewed baseline flood conditions, including an assessment of economic impacts and the feasibility of potential recommended measures aimed to reduce the flooding on both existing and future developments for main stream flooding and major overland flows. This provided the formulation of 11 measures together with the required funding level of importance and work funding priority that make up the Floodplain Risk Management Plan 2019 (FRMP 2019).

Some of these measures, such as the Detention Basin Option 2 works and the Ultimate Protection Scheme, involve capital expenditure to design and construct flood control

structures which will reduce the number of properties currently at risk. Adoption of the current Draft report will allow Council to apply for funding of identified high priority measures under the 2019/20 funding round of the Floodplain Management Program, with applications closing 20 March 2019. Funding for identified mitigation projects can only be considered under the program if part of an adopted floodplain risk management plan.

Key Measures that are recommended as priority for grant funding applications are:

- Measure 9 - Investigation and concept design of Detention Basin Strategy (Option2). Identified as Priority 1 due to the damages assessment that 82 residential homes, 27 commercial/industrial buildings and 2 public buildings would experience flooding above floor level from a 1% AEP overland flow event.
- Measure 5 - Investigation to assess requirements for upgrading the Southern Main Canal Embankment. This measure would assist in the ongoing assessment of the Southern Main Canal embankment as part of the Ultimate Levee Protection Scheme.
- Measure 11 - Commission a Voluntary Purchase and House Raising Feasibility Study for properties identified being subject to hazardous flooding. This measure would provide eligible and agreeable owners with detailed assessment of their properties to determine priority and price.

A Council workshop was conducted on 7 March 2019, when staff and the consulting engineer from Lyall and Associates delivered a presentation to Councillors that included:

- Recap of floodplain study and plan background
- Discuss Narrandera floodplain modelling study outcomes
- Results and measures identified in Floodplain Plan 2019
- Discussion of issues raised in submissions

Key points of discussion centred on the proposal to amend planning controls in the Local Environmental Plan (zone changes and clause changes) and Development Control Plan to ensure that future development is appropriate in relation to the flood risk. The implications of the proposed voluntary house purchase scheme were also discussed.

It was noted that the land use planning controls in the Draft Floodplain Plan 2019 are only recommendations for Council to consider and note in further detailed work. Any changes to planning controls are subject to separate statutory processes and will be determined by Council after substantial further consultation with affected land owners, the general public, staff and state agencies. It was noted that the measures in Table S1 of the report have been updated to reflect this.

The presentation also provided information on the range of other flood management measures, such as civil works, structural options, disaster management improvements and conducting a voluntary purchase feasibility study, to reduce the impact of flooding on both existing and future development

### Results from Public Exhibition

Council resolved at its 20 November 2018 ordinary meeting to place the draft report on public exhibition for community review and comment.

The draft report went on public exhibition on 4 December 2018 and was notified by advertisement, media release, local radio, and on Council's Facebook and website.

A community information workshop was held on 11 December 2018, with representation from Council and Lyall and Associates, the consulting engineer of the project. Council also wrote to the owners of land which would be directly affected by the proposed planning controls.

By the end of the exhibition period on 31 January 2019, 47 written responses had been received by Council. All but one submission related to the recommendation to rezone the land south of the Main Canal. The one other submission related to the impacts of major overland flow in the urbanised parts of Narrandera. 26 submissions comprised a form letter, the signatories to which, while not directly affected by the recommended rezoning, were opposed due to its potential to adversely affect the community. The signatories of the other 20 written submissions were directly affected by the recommended rezoning and also opposed to the measure as they believed that it would:

- negatively impact owners ability to redevelop their properties, add extensions or rebuild
- devalue the property
- significantly reduce one owner's ability to continue using the land for farming purposes.

All submissions were reviewed by the Flood Risk Management Committee (NFRMC) and included as part of the final report in section S6 (Community Reaction to FRMP2019) for consideration by Council.

Council adopted the NFRMC minutes at its 19 February 2019 ordinary meeting which included the following committee resolutions:

- That the study be modified to ensure that the wording reflect that the land use zones and control measures contained in the report are examples or suggestions and that the final zones and control measures will be determined by Council after full community consultation and assessment.
- That the committee note the receipt of the 47 submissions

The modification to the measures have been updated in Table S1 (Recommended measures for inclusion in Floodplain Risk Management Plan 2019) that reflects the view that report measures 1 & 2, relating to land use planning controls, are only recommendations for Council to work towards.

## **BACKGROUND**

Narrandera Shire Council commissioned the Review of the Narrandera Floodplain Risk Management Study (SKM, 2009a) (FRMS 2009) and the Narrandera Floodplain Risk Management Plan (SKM, 2009b) (FRMP 2009) for the township of Narrandera in accordance with the New South Wales Government's Flood Prone Land Policy. This report sets out the findings of the review which utilises the flood models that were developed as part of the Narrandera Flood Study Review and Levee Options Assessment (Lyall & Associates, 2015 Flood Study Review), as well as a new set of flood models that were used to define the nature of major overland flow at Narrandera. Figure 1.1 of the draft report shows the location of Narrandera, which lies about 100 km to the west of Wagga Wagga on the northern limits of the Murrumbidgee River floodplain.

FRMP 2019 deals with both main stream flooding from the Murrumbidgee River and major overland flow which occurs in the urbanised parts of the town, as well as the presently undeveloped areas immediately to its north.

Under the State Government Flood Prone Land Policy, the management of flood liable land remains the responsibility of the Local Government through a six sequential stage process. Lyall and Associates is contracted to deliver Council all activities set out in stage 4 and 5 of the Stages of Flood Risk Management illustrated below in Table 2 Stages of Flood Risk Management.

**Table 3 - Stages of Flood Risk Management**

<b>1.</b>	<b>2. Stage</b>	<b>3. Description of activities in stage</b>	<b>4. Responsibility</b>
5. 1	6. Formation of Committee	7. Established by Council and includes Community group representatives and State agency specialists	8. Council
9. 2	10. Data Collection	11. Past data such as flood levels, rainfall records, land use, soil types etc.	12. Lyall and Associates 13. Completed for public exhibition and Council adoption in 2015
14. 3	15. Flood Study	16. Determines the nature and extent of the flood problem	17. Lyall and Associates 18. Completed for public exhibition and Council adoption in 2015
19. 4	<b>20. Flood Risk Management Study</b>	<b>21. Evaluates management options for floodplain in respect of both existing and proposed developments</b>	<b>22. Lyall and Associates</b> <b>23. Draft Review of the Study completed for public exhibition and Council adoption</b>
24. 5	<b>25. Flood Risk Management Plan</b>	<b>26. Involves formal adoption by Council of a plan of risk management for the floodplain</b>	<b>27. Lyall and Associates</b> <b>28. Draft Review of the Plan completed for public exhibition and Council adoption</b>
29. 6	30. Implementation of the Floodplain Risk Management Plan	31. Includes feasibility study and detailed design. Construction of flood mitigation works to protect existing developments. Use of planning controls to ensure new development is compatible with the flood hazard.	32. Next stage funding to be sourced

Flood engineering firm, Lyall and Associates, provided Council with a Draft FRMP 2019 Report following the finalisation of the Flood Modelling Review and Levee Options Assessment that was adopted by Council at its meeting in November 2015. The purpose of the Draft review report is to:

- Set out the recommended program of works and measures aimed at reducing over time, the social, environmental and economic impacts of flooding and establishes a program and funding mechanism for Flood Risk Management Plan (FRMP) 2018.
- Proposes amendments to the Council's existing policies to ensure that the future development of flood affected land at Narrandera is undertaken so as to be compatible with the flood hazard and risk.
- Ensures FRMP 2019 is consistent with NSW SES's local emergency response planning procedures.
- Seek support of FRMP 2019 from the community.

#### Initial Community Consultation.

Following the inception meeting of the NFRMC which included Council, the Office of Environment and Heritage (OEH), NSW SES, NSW Public Works Advisory and community representatives, a community newsletter was prepared by the consultants and distributed to residents and business owners in Narrandera. The community newsletter contained a community questionnaire seeking details from the community of flood experience and attitudes to the floodplain management measures which formed FRMP 2009, as well as a range of other potential floodplain management measures. Community responses are summarised in Chapter 3, with supporting information in Appendix A of the Draft FRMP 2019 report.

The NFRMC reviewed the potential flood management measures developed and assessed the measures using the proposed scoring system of Chapter 4 of the draft report. Draft Floodplain Risk Management Study (FRMS 2018) and plan were also reviewed by the NFRMC at the meeting held on 25 October 2018 and amended prior to public exhibition.

The NFRMC resolved, after reviewing the Draft report, that a major overland flow event would significantly expose more buildings to above floor level inundation at a 1% AEP level than a similar main stream flooding event. With this in mind, the NFRMC endorsed the FRMP 2019 measures recommending that the investigation and concept design of the detention basin strategy would be recommended as the highest priority project in sourcing grant funding.

#### Damages Resulting from Major Overland Flow.

The draft report details that in a 1% AEP, 82 residential homes, 27 commercial/industrial buildings and 2 public buildings would experience flooding above floor level (as detailed in section 2.7 of the report).

On this basis, the present worth value of damages resulting from a 1% AEP event could be as high as \$17.3 Million after taking into account freeboard provisions. This value represents the amount of capital spending which would be justified in any particular flood mitigation measures preventing flooding for all properties that are located on the northern (town) side of the Main Canal up to the 1% AEP event.

#### Damages Resulting from Main Stream Flooding.

The draft report details that in a 1% AEP (annual exceedance probability) 49 residential homes and 16 commercial/industrial buildings would experience flooding above floor level. (as detailed in section 2.9 of the report).

On this basis, the present worth value of damages resulting from a 1% AEP event could be as high as \$6.3 Million after taking into account freeboard provisions. This value represents the amount of capital spending which would be justified in any particular flood mitigation measures preventing flooding off properties that are located on the Murrumbidgee River floodplain up to the 1% AEP event.

While the Study found that the partial failure of the southern side embankment of the main canal would exacerbate flooding conditions in a number of residents and commercial properties on the northern side of the Main Canal, the *Present Worth Value* of damages from a partial failure of the embankment for all floods up to the magnitude of the 1% AEP would only increase by \$290,000. This value represents the amount of capital spending which could be justified in upgrading the southern canal embankment at Narrandera.

Although subject to the agreement by the affected owners, the report recommends the preparation of a Voluntary Purchase and House Raising Feasibility Study that would provide the following outcome:

- Consultation with eligible and agreeable owners
- Detailed assessment of individual properties to determine priority and price
- No compulsion to sell at any time
- Valuations may not consider flood-affected nature of the site, other than minimum floor levels
- Purchase price determined by independent valuers, Valuer General; negotiation between Council and owners

This measure includes the cost of voluntary only purchasing of identified residential properties that are located on the southern side of the Main Canal in the High Hazard Floodway zone (which are eligible for inclusion in a Voluntary Purchase Scheme); and three dwellings that are located in a High Hazard Flood Storage area immediately south of the Main Canal along Sudgen Street (which are eligible for inclusion in a Voluntary House Raising Scheme).

Floodplain Risk Management Plan 2019

*FRMP 2019* showing recommended flood management measures for Narrandera is presented in Table 1. A provisional priority ranking has been allocated, confirmed by the NFRMC, according to a range of economic, social, cost benefit ratio (CBR), environmental and other criteria.

A brief description of each recommended measure, together with the required funding, level of importance and works funding priority for implementation are as follows in Table 1 (Recommended Measures) below (also illustrated in Table S1 of the draft report).

Table 1 - Recommended Measures.

33. Measure	34. Required Funding	35. Level of importance	36. Works Funding Priority	37. CBR
38. 1. Review flood related controls over future development in flood prone areas.	39. Council's staff costs	40. High	41. Not Applicable	42. Not Applicable
43. 2. Update of Narrandera LEP	44. Council's staff costs	45. High	46. Not Applicable	47. Not Applicable

48. 3. Ensure flood data in FRMS 2018 are available to the NSW SES for improvement of flood emergency planning.	49. NSW SES costs	50. High	51. Not Applicable	52. Not Applicable
53. 4. Implement flood awareness and education program for residents and business owners that are located on flood prone land.	54. Council's staff costs	55. Medium	56. Not Applicable	57. Not Applicable
58. 5. Commissioning of investigation to assess requirements for upgrading the Southern Main Canal Embankment.	59. \$100,000	60. High	61. 3	62. 0.35 63. (Based of the Ultimate Flood Protection Scheme)
64. 6. Commissioning of a ground survey and geotechnical investigation for the recently upgraded section of the Narrandera Airport Levee.	65. Council cost	66. High	67. 5	68. 0.35 69. (Based of the Ultimate Flood Protection Scheme)
70. 7. Investigation and concept design of water supply pumping station ring levee and Old Brewery Road upgrade.	71. \$50,000	72. High	73. 7	74. 0.35 75. (Based of the Ultimate Flood Protection Scheme)
76. 8. Investigation and concept design of Detention Basin Strategy (Option 2).	77. \$120,000	78. High	79. 1	80. 1.35
81. 9. Detailed design and construction of Detention Basin Strategy (Option 2).	82. \$2.48 Million	83. High	84. 2	85. 1.35
86. 10. Detailed design and construction of Woolscour Siphon Works (Option 3).	87. Council cost	88. High	89. 6	90. Not Applicable
91. 11. Commission Voluntary Purchase and House Raising Feasibility Study at an estimated cost of \$35,000 for fourteen residential properties that are located to the south of the Main Canal in the High Hazard Floodway zone and raise three dwellings that are located to the south of the Main Canal embankment along Sudgen Street (Allocated amount of \$3.1	92. Final cost to be determined at the conclusion of the feasibility Assessment Early estimate \$3.1M	93. High	94. 4	95. 0.35 96. (Based of the Ultimate Flood Protection Scheme)

Million assumes all affected property owners opt into the two schemes)				
<b>97. Total Estimated cost</b>	<b>98. \$5.86 Million</b>	99.	100.	101.

Note: The Cost Benefit Ratio (CBR) considers the capital cost and associated reduction in flood damages of each option. Ratio levels that are above 1.0 are more likely to be considered for funding, as the value of works is matched by the cost of the estimated damages.

**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES**

**Theme**

Our Infrastructure

**Strategy**

5.1 - To have a Council that demonstrates effective management consistently, also a Council that communicates and engages well with the community and works collaboratively

**Action**

5.1.1 - Accountable, transparent and ensure open communication between the community and Council

**ISSUES AND IMPLICATIONS**

**Policy**

Nil

**Financial**

Applying for funding under the Office of Environment and Heritage 2019-20 Flood Management Program funding model has, in the past, been a 6:1 funding level ratio.

- Investigation and concept design of Detention Basin Strategy (Option 2) grant application estimate of \$120,000 would require Council contribution of \$17,143.
- Investigation to assess requirements for upgrading the Southern Main Canal Embankment grant application estimate of \$100,000 would require Council contribution of \$14,285.
- Commission a Voluntary Purchase and House Raising Feasibility Study of properties identified being subject to hazardous flooding grant application estimate of \$35,000 would require Council contribution of \$5,000.

Proposed projects have been included into the 2019/20 draft capital works budget for Council consideration. Council revenue contribution for the project would be funded out of the Stormwater Reserve.



**Legal / Statutory**

Under the State Government Flood Prone Land Policy the management of flood liable land remains the responsibility of the Local Government

**Community Engagement / Communication**

The Draft Review of the Narrandera Floodplain Risk Management Study and Plan as presented was placed on public exhibition for an extended period, which included within that timeframe a community presentation / listening post session held at Emergency Operations Centre on the 11 December 2018 and included representation from Council and Lyall and Associates. Council also wrote to the owners of land which would be directly affected by the proposed planning controls relating to rezoning.

**Human Resources / Industrial Relations (if applicable)**

Nil

**RISKS**

- The proposal will result in an overall reduction of risk to life and property.
- The study identifies risks which can be mitigated. If the plan is not adopted, those risks will remain.
- If the study and plan are not adopted, funding for mitigation measures cannot be sought this year.

**OPTIONS**

Option.1

That Council adopt the Review of the Narrandera Floodplain Risk Management Study and Plan.

The recommended Draft Review of the Narrandera Floodplain Risk Management Study and Plan measures has been developed to reduce the impact of on both existing and future development for main stream flooding and major overland flow of the Narrandera floodplain and overland rainfall catchment. It aims to educate the community and Council about flood risk so that appropriate and informed decisions can be made. The plan sets out a strategy identifying measures and initiatives that are to be reviewed by Council, agencies and the community in order to adequately address the risk posed by main stream flooding and major overland flows. The summary of options identifies measures which can be employed to mitigate flooding and reduce flood damages which are separately detailed in Table 3 Recommended Floodplain Risk Management Measures below.

Table 3 – Recommended Floodplain Risk Management Measures

<b>102. Measure 1</b>	103. Commence a review of planning related controls noting the recommendations of the FRMP 2019
<b>104. Measure 2</b>	105. Commence a review of the Narrandera Local Environmental Plan noting the recommendations of the FRMP 2019
<b>106. Measure 3 and 4</b>	107. NSW SES should update the Narrandera Shire Local Flood Plan using information on flooding patterns, times of rise of floodwaters and flood prone areas identified in the Flood Study Review and in FRMS 2019.
<b>108. Measure 5</b>	109. Commissioning of investigation to assess requirements for upgrading the Southern Main Canal Embankment and <b>Measure 6</b> , Narrandera Shire Council is to proceed to concept design initially and then subject to the availability of Government Funding, detailed design and construction of the Ultimate Flood

	Protection Scheme.
<b>110. Measure 6</b>	111. Commissioning of a ground survey and geotechnical investigation for the recently upgraded section of the Narrandera Airport Levee.
<b>112. Measure 7</b>	113. Investigation and concept design of water supply pumping station ring levee and Old Brewery Road upgrade.
<b>114. Measure 8</b>	115. Investigation and concept design of Detention Basin Strategy (Option 2).
<b>116. Measure 9</b>	117. Depending on the outcome of the feasibility study undertaken as part of Measure 8, Council apply for Government Funding to undertake the detailed design and construction of Detention Basin Strategy (Option 2).
<b>118. Measure 10</b>	119. Design and construction of temporary flood storage works adjacent to the existing siphon which is located near Woolscour Road (denoted herein as the "Woolscour Siphon Works (Option 3)")
<b>120. Measure 11</b>	121. Preparation of a Voluntary Purchase and House Raising Feasibility Study for the fourteen residential properties that are located on the southern side of the Main Canal in the High Hazard Floodway zone (which are eligible for inclusion in a Voluntary Purchase Scheme) and the three dwellings that are located in a High Hazard Flood Storage area immediately south of the Main Canal along Sudgen Street (which are eligible for inclusion in a Voluntary House Raising Scheme). Although subject to the agreement by the affected owners, this measure includes the cost of purchasing the fourteen properties and the raising of the three dwellings.

The timing of the implementation of recommended measures will depend on the available resources of Council and the ability to source grant funding. It is envisaged that the planning activities and highest ranked work funding priority measures of the FRMP 2019 would be implemented over a 2-5 year time frame as funding and resources becomes available.

Staff will recommend that Council submit an application to conduct an investigation and concept design of detention basin strategy (Option 2), assess requirements for upgrading the southern main canal embankment and conducting a Voluntary Purchase and House Raising Feasibility Study, that would be made to the Office of Environment under the 2019/20 floodplain management program, with applications closing on the 20 March 2019.

Funding for identified mitigation projects can only be considered under the program if they are part of an adopted floodplain risk management plan.

It is essential that Council commit to applying for funding to design and construct a Detention Basin Strategy (Option2) identified as a major overland flow risk. The construction of the Detention Basin would significantly reduce or eliminate many of the 82 residential homes, 27 commercial/industrial buildings and 2 public buildings identified as experiencing flooding above floor level from a 1% AEP overland flow event.

Option.2

For Council not to adopt the Draft Review of the Narrandera Floodplain Risk Management Study and Plan as presented and request the consultant to further review the recommended plan.

Office of Environment and Heritage would not fund any variation to extend the Review of the Narrandera Floodplain Risk Management Study and Plan. Council would need to fund any additional work.

It is not envisaged that the recommended outcome of the measures identified in the FRMP 2019 would change, considering the evidence provided from the FRMS 2018 on the social, environmental and economic impacts of flooding from a main stream flooding or major overland flow

As stated previously, modifications to the measures have been made as shown in the updated Table S1 (Recommended measures for inclusion in Floodplain Risk Management Plan 2019). This reflects that the report measures 1 and 2 relating to land use planning controls are only recommendations for Council to consider and note during further detailed work. Any changes to planning controls are subject to separate statutory processes and will be determined by Council after substantial further consultation with affected land owners, the general public, staff and state agencies.

If the FRMP 2019 is not adopted then funding for identified mitigation projects cannot be considered by the Office of Environment under the floodplain management program.

## **CONCLUSION**

The development of the Draft Review of the Narrandera Floodplain Risk Management Study and Plan involved extensive consultation. A community newsletter contained a community questionnaire seeking details from the community of flood experiences and attitudes to the floodplain management measures which formed FRMP 2009, as well as a range of other potential floodplain management measures. Residents were given the opportunity to submit their views electronically or by hard copy. Responses were reviewed by the Flood Risk Management Committee (NFRMC) and included as part of the final report in section S6 (Community Reaction to FRMP2019).

The FRMC members have also been provided with new damages and flooding modelling data that provides damages results from major overland flow events. These affect the urbanised parts of the town from Henry Mathieson Oval, Victoria Avenue, East Street through to the main town siphon located in Larmer Street, as well as the presently undeveloped areas immediately north of the railway line near Barellan Road.

During a 1% AEP flooding event 82 residential homes, 27 commercial/ industrial buildings and 2 public buildings would experience above-floor inundation. The total flood damage relating to property that is located on the northern (town) side of the main southern canal embankment is \$8.76 Million, but could as high as \$18.16 Million after taking into account freeboard provisions.

The provision of flood mitigation measures through a detention basin strategy would reduce the flooding impact along the major overland flow path. Currently the identified works would attract consideration for Office of Environment funding under floodplain management program, considering its high cost benefit ratio (CBR) score of 1.35.

It is recommended that Council resolve to adopt the Review of the Narrandera Floodplain Risk Management Study as presented and also to apply for funding under the 2019-20 Flood Management Program in order to progress the following recommended high priority Floodplain Risk management Plan measures:

- Investigation and concept design of Detention Basin Strategy (Option 2)
- Investigation to assess requirements for upgrading the Southern Main Canal Embankment

- Commission a Voluntary Purchase and House Raising Feasibility Study of properties identified being subject to hazardous flooding

**RECOMMENDATION**

That Council

1. Adopt the Draft Review of the Narrandera Floodplain Risk Management Study and Plan. Measures set out in Table S1 of the report.
2. Commence a detailed review of planning controls relating to flooding noting the measures in the study and plan.
3. Apply for funding under the 2019/20 Flood Management Program to progress the following high priority measures identified in the Flood Risk Management Plan2019:
  - a) Measure 9 - Investigation and concept design of Detention Basin Strategy (Option2)
  - b) Measure 5 - Investigation to assess requirements for upgrading the Southern Main Canal Embankment
  - c) Measure 11 - Commission a Voluntary Purchase and House Raising Feasibility Study for properties identified as being subject to hazardous flooding.

**SUMMARY****S1 Study Objectives**

Narrandera Shire Council commissioned the review of the *Narrandera Floodplain Risk Management Study* (SKM, 2009a) (**FRMS 2009**) and the *Narrandera Floodplain Risk Management Plan* (SKM, 2009b) (**FRMP 2009**) for the township of Narrandera. The overall objectives of the present study were to review the two aforementioned documents, define the nature of flooding which occurs in the urbanised parts of Narrandera during intense rainfall events, assess the impacts of flooding on the community, review existing Council policies as they relate to development of land in flood liable areas, consider options for the management of flood affected land and to develop a contemporaneous *Floodplain Risk Management Plan* (**FRMP 2019**) for the town which:

- i) Proposes modifications to existing Council policies to ensure that the development of flood affected land is undertaken so as to be compatible with the flood hazard and risk.
- ii) Proposes *Flood Planning Levels* for the various land uses in the floodplain.
- iii) Sets out the recommended program of works and measures aimed at reducing over time, the social, environmental and economic impacts of flooding.
- iv) Provides a program for implementation of the proposed works and measures.

The present study deals with both **Main Stream Flooding** from the Murrumbidgee River and **Major Overland Flow** which occurs in the urbanised parts of the town, as well as the presently undeveloped areas immediately to its north.

**S2 Study Activities**

The activities undertaken as part of present study, details of which are documented in this *Floodplain Risk Management Study* (**FRMS 2019**) report included:

1. Undertaking a consultation program over the course of the study to ensure that residents and business owners in Narrandera were informed of the objectives, progress and outcomes over the course of the study (**Appendix A**).
2. Review of flooding patterns at Narrandera for flood events up to the Extreme Flood, as determined in the *Narrandera Flood Study Review and Levee Options Assessment* (Lyll & Associates, 2015), (denoted herein as the "**Flood Study Review**"), as well as developing a new set of flood models which were used to define the nature of Major Overland Flow at Narrandera. (**Chapter 2** and **Appendix B**).
3. Assess the impact a partial failure of the embankment which runs along the southern side of Murrumbidgee Irrigation's Main Canal (denoted herein as the "**Southern Main Canal Embankment**") would have on flooding behaviour.
4. Assessment of the economic impacts of flooding, including the numbers of affected properties and estimation of damages (**Chapter 2** and **Appendix C**).
5. Review of current flood related planning controls for Narrandera Shire and their compatibility with flooding conditions (**Chapter 2**).
6. Review of existing flood warning and preparedness (**Chapter 2**).

7. Strategic review of potential floodplain management works and measures aimed at reducing flood damages, including an economic assessment of the most promising measures and the preparation of a draft *Flood Policy* to guide future development in flood prone areas (**Chapter 3** and **Appendix D**).
8. Ranking of works and measures using a multi-objective scoring system which took into account economic, financial, environmental and planning considerations (**Chapter 4**).
9. Preparation of *FRMP 2019* for Narrandera (**Chapter 5**).

### **S3 Summary of Flood Impacts**

Flooding patterns in the vicinity of Narrandera are a complex interaction between several tributary and effluent systems of the Murrumbidgee River, principally Bundidgerry Creek, Old Man Creek, the Sandy Creek system (also known as Poison Water Holes Creek on the western side of the Narrandera – Tocumwal Railway to the south of Narrandera) and Gillenbah Creek. Each of these systems performs a dual function. During local storms they provide drainage from the floodplain to the Murrumbidgee River, while in flood times they form breakouts from the river into the local floodplain. The relative importance of these breakouts to the pattern of flows varies with the magnitude of the flood event.

Water levels in the river typically rise over a number of days, where they remain near their peak for a period of about a day before receding. Heavy rainfall over Narrandera can also cause major flooding, especially along a Major Overland Flow path that extends from Henry Mathieson Oval to the inlet of a large siphon which runs underneath Murrumbidgee Irrigation's Main Canal a short distance to the west of the Newell Highway crossing. **Figures 2.4** and **2.5** show the nature of both Main Stream Flooding and Major Overland Flow at Narrandera for 1% annual exceedance probability (**AEP**) and Extreme Flood events, respectively.

While existing development at Narrandera is generally located on high ground, there are fourteen residential properties that are located in the High Hazard Floodway zone on the Murrumbidgee River floodplain south of the Main Canal. There are also three dwellings that are located in a High Hazard Flood Storage area on the southern side of the Main Canal along Sudgeon Street.

#### **Damages Resulting from Main Stream Flooding**

At the 1% AEP level flooding, 49 individual residential type buildings would experience above-floor inundation. While sixteen commercial/industrial buildings would also be flooded above-floor level, no public buildings would experience above-floor inundation at the 1% AEP level of flooding. The total flood damage relating to property that is located on the Murrumbidgee River floodplain at Narrandera is \$6.79 Million, but could be as high as \$9.59 Million after taking into account freeboard provisions.

The average annual cost of flooding to the community as a whole for all floods up to 1% AEP in magnitude is estimated to be about \$330,000. On this basis, the *Present Worth Value* of damages at Narrandera resulting from all floods up to the magnitude of the 1% AEP at a seven per cent discount rate and 50 year economic life is \$4.4 Million, but could be as high as \$6.3 Million after taking into account freeboard provisions. This latter value represents the amount of capital spending which would be justified if a particular flood mitigation scheme prevented flooding for all properties that are located on the Murrumbidgee River floodplain up to the 1% AEP event.

While the *Flood Study Review* found that the partial failure of the earthen embankment which runs along the southern side of Murrumbidgee Irrigation's Main Canal (**Southern Main Canal Embankment**) would exacerbate flooding conditions in a number of residential and commercial properties, the *Present Worth Value* of damages resulting from a partial failure of the embankment for all floods up to the magnitude of the 1% AEP at a seven per cent discount rate and 50 year economic life is only \$290,000. This value represents the amount of capital spending which could be justified in upgrading the Southern Main Canal Embankment at Narrandera.

#### **Damages Resulting from Major Overland Flow**

At the 1% AEP level of flooding, 82 individual residential type buildings would experience above-floor inundation. While twenty-seven commercial/industrial buildings would also be flooded above-floor level, only two public buildings would experience above-floor inundation at the 1% AEP level of flooding. The total flood damage relating to property that is located on the northern (town) side of the Main Southern Canal Embankment is \$8.76 Million, but could as high as \$18.16 Million after taking into account freeboard provisions.

The *Present Worth Value* of damages at Narrandera resulting from all storms up to 1% AEP in intensity at a seven per cent discount rate and 50 year economic life is \$7.3 Million, but could be as high as \$17.3 Million after taking into account freeboard provisions. This latter value represents the amount of capital spending which would be justified if a particular flood mitigation scheme prevented flooding for all properties that are located on the northern (town) side of the Main Canal up to the 1% AEP event.

#### **S4 Flood Risk and Development Controls**

A draft *Flood Policy* has been prepared to guide future development in flood prone areas in Narrandera (refer **Appendix E**). The policy is based on the two types of flooding that are present at Narrandera: the deep and relatively slow rising flow in the Murrumbidgee River, and the shallow and slow moving flow in the Major Overland Flow paths. Controls over development are graded according to the flood risk. The delineation of flood risk zones is based on the proximity to flow paths, depths and velocities of flow, the rate of rise of floodwaters and ease of evacuation from the floodplain in the event of a flood emergency.

**Figure E1.1** in the *Flood Policy* is an extract from the *Flood Planning Map* relating to Narrandera and its immediate environs. The extent of the Flood Planning Area (**FPA**) (the area subject to flood related development controls) is shown in a solid red colour on the *Flood Planning Map* and has been defined as follows:

- In areas subject to Main Stream Flooding, the FPA is based on the traditional definition of the area inundated by the 1% AEP plus 500 mm freeboard.<sup>1</sup>
- In areas subject to Major Overland Flow, the FPA is defined as the extent of the High and Low Hazard Floodway zones, as well as areas where depths of inundation in a 1% AEP event exceed 100 mm.

The illustration in **Section 5.8.1** of *FRMP 2019* (refer **Chapter 5** of this report) demonstrates the derivation of the FPA in areas affected by Main Stream Flooding and Major Overland Flow. For areas outside the FPA shown on the *Flood Planning Map*, the FPA is defined as land which lies

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<sup>1</sup> This includes the area which lies on the northern side of the Main Canal which would be subject to Main Stream Flooding should the Southern Main Canal Embankment fail during a 1% AEP flood event.

below the peak 1% AEP flood level plus 500 mm freeboard. An Outer Floodplain has also been defined comprising the additional land flooded between the extent of the FPA and the Extreme Flood, as shown on the *Flood Planning Map*.

Minimum Floor Level (**MFL**) requirements would be imposed on future development in properties that are identified as lying either partially or wholly within the extent of the FPA shown on the *Flood Planning Map*. The MFLs for all land use types affected by Main Stream Flooding is the level of the 1% AEP flood event plus 500 mm freeboard, while the MFLs for all land use types affected by Major Overland Flow is the level of the peak 1% AEP flood event plus 300 mm freeboard. The illustration in **Section 5.8.1** of *FRMP 2019* (refer **Chapter 5** of this report) demonstrates the application of the variable freeboard approach in the derivation of the MFL requirements in areas subject to Main Stream Flooding and Major Overland Flow.

## **S5 FRMP 2019**

The *Flood Study Review* assessed the technical and economic feasibility of the flood modification measures that formed part of *FRMP 2009*, as well as a number of alternative measures which were aimed at achieving the same flood mitigation objectives. The *Flood Study Review* concluded that a scheme involving the following components best achieved the flood mitigation objectives of *FRMP 2009*:

- the upgrade the Southern Main Canal Embankment where it runs from the Narrandera Regulator to Irrigation Way;
- the upgrade of a portion of the levee which protects the Narrandera Airport, as well as several lengths of additional levee in the vicinity of Nallabooma Estate, the longest of which would be located along Weir Park Road;
- a ring levee around the existing water supply pumping station which is located on the northern bank of the Murrumbidgee River a short distance upstream of the Newell Highway bridge crossing; and
- raising of Old Brewery Road between the Newell Highway and the aforementioned water supply pumping station.

The scheme, which was denoted the **Ultimate Flood Protection Scheme** in the *Flood Study Review*, was estimated to cost a total of \$10.2 Million and had a benefit cost ratio of 0.35. While the design and construction of the Ultimate Flood Protection Scheme does not form part of *FRMP 2019*, it does include a number of investigations which would assist in refining the scope of the scheme, including both its capital cost and the benefits that it would provide to the community.

*FRMP 2019* showing recommended flood management measures for Narrandera is presented in **Table S1**. They have been given a provisional priority ranking, confirmed by the Floodplain Risk Management Committee, according to a range of economic, social, environmental and other criteria set out in **Table 4.1** of the report.

*FRMP 2019* includes the following twelve measures:

- **Measure 1** - The application of the graded set of planning controls for future development that recognise the location of the development within the floodplain; to be applied through the draft *Flood Policy* for Narrandera, included in the report as **Appendix E**. Application of these controls by Council will ensure that future developments in flood liable areas at Narrandera are compatible with the flood risk.



- **Measure 2** – Updating of the wording in Clause 6.2 of the *Narrandera Local Environmental Plan 2013 (Narrandera LEP 2013)* titled *Flood planning*, the inclusion of a new clause 6.2A titled *Floodplain risk management* and the rezoning of land to the south of the Main Canal which is presently zoned *RU5 – Village* and lies within the Inner Floodplain (Hazard Category 1) flood zone to *E2 – Environmental Conservation* and a new zone centred on the Newell Highway at Gillenbah which would incorporate both new and existing development of a commercial nature. The changes to *Narrandera LEP 2013* will permit the adoption of the *Flood Policy* and ensure that future residential development is located in areas where there is an acceptable level of flood risk.
- **Measures 3 and 4** - Improvements in the NSW SES's emergency planning, including use of the flood related information contained in this study to assist with the update of the *Local Flood Plan* for Narrandera Shire. Information in this present report and in the *Flood Study Review* which would be of assistance to NSW SES in the update of the *Local Flood Plan* includes data on the nature and extent of flooding in Narrandera, times of rise of floodwaters, duration and depth of inundation at major road crossings for a range of flood events and properties affected by flooding.
- **Measure 5** - Commissioning of a detailed engineering study to assess the feasibility of upgrading the section of the Southern Main Canal Embankment which runs between the Narrandera Regulator and Irrigation Way. The feasibility study is to include a geotechnical investigation which will assess the structural integrity of the existing embankment and determine the scope of works which would be required to ensure that it will function as a formal flood protection levee during major floods on the Murrumbidgee River. The measure also includes a requirement to liaise with Murrumbidgee Irrigation to determine the operating protocols for the regulators at Narrandera, as this information will influence the decision on the scope of the Ultimate Flood Protection Scheme. Depending on the outcome of the detailed engineering study and **Measure 6**, Narrandera Shire Council is to proceed to concept design initially and then subject to the availability of Government Funding, detailed design and construction of the Ultimate Flood Protection Scheme.
- **Measure 6** - Commissioning of a crest level survey along the section of the Narrandera Airport Levee that was recently upgraded by Narrandera Shire Council. The measure also includes the commissioning of a geotechnical investigation to assess the level of compaction which was achieved when the fill material was placed along the upgraded section of levee. Depending on the outcome of the crest level survey, geotechnical investigation and **Measure 5**, Narrandera Shire Council is to proceed to concept design initially and then subject to the availability of Government Funding, detailed design and construction of the Ultimate Flood Protection Scheme.
- **Measure 7** - Commissioning of a detailed engineering study to assess the feasibility of constructing a ring levee around the water supply pumping station that is located on the northern bank of the Murrumbidgee River a short distance east (upstream) of the Newell Highway in combination with raising Old Brewery Road. The study would need to include a geotechnical investigation to assess the foundation requirements for the ring levee, as well as an assessment of whether raising Old Brewery Road would have an impact on flooding behaviour in existing development for events more frequent than 1% AEP. Depending on the outcome of the detailed engineering study, Narrandera Shire Council is to proceed to the detailed design and construction of the ring levee.

- **Measure 8** - Commissioning of a detailed engineering study to assess the feasibility of constructing two detention basins in the upper reaches of an 11 km<sup>2</sup> catchment runoff from which is the major cause of flood damages in the urbanised parts of Narrandera (denoted herein as "**Detention Basin Strategy (Option 2)**"). This would include a geotechnical investigation to assess the foundation conditions along the alignment of the basin embankments, as well as the preparation of a concept design of the works.
- **Measure 9** - Depending on the outcome of the feasibility study undertaken as part of Measure 8, Council apply for Government Funding to undertake the detailed design and construction of Detention Basin Strategy (Option 2).
- **Measure 10** – Design and construction of temporary flood storage works adjacent to the existing siphon which is located near Woolscour Road (denoted herein as the "**Woolscour Siphon Works (Option 3)**").
- **Measure 11** – Preparation of a *Voluntary Purchase and House Raising Feasibility Study* for the fourteen residential properties that are located on the southern side of the Main Canal in the High Hazard Floodway zone (which are eligible for inclusion in a Voluntary Purchase Scheme) and the three dwellings that are located in a High Hazard Flood Storage area immediately south of the Main Canal along Sudgeon Street (which are eligible for inclusion in a Voluntary House Raising Scheme). Although subject to the agreement by the affected owners, this measure includes the cost of purchasing the fourteen properties and the raising of the three dwellings.

#### **S6 Community Reaction to FRMP 2019**

A Community Workshop was held in Narrandera during the public exhibition of the draft document. While advertised via a media release, on the local radio, in the local newspaper and on Council's Facebook page, the workshop was not well attended, with only two property owners directly affected by the recommendation to rezone land south of the Main Canal in attendance. While one of the owners objected to the rezoning of the land, the other favoured the idea along with the opportunity to participate in the recommended Voluntary Purchase scheme.

Following the Community Workshop, Council wrote to the owners of land which would be directly affected by the recommended rezoning. By the end of the public exhibition period, 47 written responses had been received by Council, noting that one submission related to issues associated with major overland flow in the urbanised parts of Narrandera and another 26 comprised a form letter which stated that while the signatories were not directly affected by the measure, they were concerned that the changes would adversely affect the community. The form letter also stated that the signatories were opposed to the recommended rezoning of the land, as well as the recommended Voluntary Purchase scheme.

The signatories of the remaining 20 submissions were not supportive of the recommendation to rezone the land south of the Main Canal as should it proceed it would in their view:

- impact existing right users if owners wanted to redevelop their dwellings, add extensions or rebuild;
- devalue the property; and
- significantly reduce the owner's ability to continue using the land for farming purposes.

Several respondents also questioned why the new special commercial zone at Gillenbah would only comprise existing development of a specific nature. As this was not the intent of the recommended measure, the wording in *FRMP 2019* has been updated to reflect the actual intent which is to create a land use zone which is centred on the Newell Highway at Gillenbah and comprises both existing and new development of a commercial nature.

It should be noted that the draft *Flood Policy* set out in **Appendix E** of *FRMS 2019* and which forms part of **Measure 1** of *FRMP 2019* does not support residential development other than minor additions to existing dwellings in the area which is recommended to be rezoned. While rezoning of the land to *E2-Environmental Conservation* would prevent any new residential development (including minor additions to existing dwellings) from occurring, the implementation and enforcing of the prescriptive controls set out in the draft *Flood Policy* by Council would also greatly constrain the future development potential of the land in this area.

#### **S7 Timing and Funding of FRMP Measures**

The total estimated cost to implement the preferred floodplain management strategy is **\$5.86 Million**, exclusive of Council and NSW SES Staff Costs. The timing of the measures will depend on Council's overall budgetary commitments and the availability of both Local and State Government funds.

Assistance for funding qualifying projects included in *FRMP 2019* may be available upon application under the Commonwealth and State funded floodplain management programs, currently administered by Office of Environment and Heritage.

#### **S8 Council Action Plan**

1. Council finalises the *FRMS 2019* report and approves *FRMP 2019* according to the procedure recommended in **Section 5.13**.
2. Council and NSW SES commence work on the "non-structural" measures in the *FRMP (Measures 1 to 4)*.
3. Council applies for Government Funding for the investigation comprising **Measure 8** of the *FRMP*.
4. Council applies for Government Funding to undertake the detailed design and construction of Detention Basin Strategy (Option 2) (**Measure 9**).
5. Council applies for Government Funding for the investigations comprising **Measures 5 to 7** of the *FRMP*.
6. Council commissions a *Voluntary Purchase and House Raising Feasibility Study* which deals with the fourteen residential properties that are located to the south of Main Canal in the High Hazard Floodway zone (which are eligible for inclusion in a Voluntary Purchase Scheme) and the three properties that are located along Sudgeon Street immediately south of the Main Canal (which are eligible for inclusion in a Voluntary House Raising Scheme) (**Measure 11**). Depending on the outcome of the feasibility study and the availability of Government Funding, Narrandera Shire Council proceed with the acquisition/raising of the affected properties/dwellings.
7. Council commence the design of the Woolscour Siphon Works (Option 3) and when funds become available carry out the works (**Measure 10**).



**TABLE S1  
RECOMMENDED MEASURES FOR INCLUSION IN FLOODPLAIN RISK MANAGEMENT PLAN 2019**

Measure	Required Funding	Features of the Measure	Comment	Level of Importance	Works Funding Priority
1. Review flood related controls over future development in flood prone areas.	Council's staff costs	<ul style="list-style-type: none"> <li>Commence a review of planning related controls noting the recommendations of the FRMS 2019.</li> </ul>	This measure is designed to mitigate the flood risk to future development and has a high priority for inclusion in <i>FRMP 2019</i> . It does not require Government funding.	High	Not Applicable
2. Update of Narrandera LEP 2013	Council's staff costs	<ul style="list-style-type: none"> <li>Commence a review of Narrandera Local Environmental Plan noting the recommendations of the FRMS 2019.</li> </ul>	This measure is designed to mitigate the flood risk to future development and has a high priority for inclusion in <i>FRMP 2019</i> . It does not require Government funding.	High	Not Applicable
3. Ensure flood data in <i>FRMS 2019</i> are available to the NSW SES for improvement of flood emergency planning.	NSW SES costs	<ul style="list-style-type: none"> <li>NSW SES should update the <i>Narrandera Shire Local Flood Plan</i> using information on flooding patterns, times of rise of floodwaters and flood prone areas identified in the <i>Flood Study Review</i> and in <i>FRMS 2019</i>.</li> </ul>	This measure would improve emergency response procedures and has a high priority. It does not require Government funding.	High	Not Applicable
4. Implement flood awareness and education program for residents and business owners that are located on flood prone land.	Council staff costs	<ul style="list-style-type: none"> <li>Council to inform residents of the flood risk, based on the information presented in <i>FRMS 2019</i>. (e.g. displays of flood mapping at Council offices.</li> <li>Council to work with NSW SES to prepare flood awareness brochure for distribution with Rates notices.</li> </ul>	This measure would improve the flood awareness of the community and has a high priority. It does not require Government funding.	Medium	Not Applicable
5. Commissioning of investigation to assess requirements for upgrading the Southern Main Canal Embankment.	\$80,000	<ul style="list-style-type: none"> <li>A geotechnical investigation is to be carried out to assess the structural integrity of the existing embankment and to determine the upgrade requirements to ensure that it would function as a formal flood protection levee during a major flood on the Murrumbidgee River.</li> <li>Refine concept design prepared in <i>Flood Study Review</i></li> <li>Update cost estimate for the works.</li> <li>Further liaison is required with Murrumbidgee Irrigation to determine the operating protocols for the regulators at Narrandera, as well as their stage-discharge relationships.</li> <li>Depending on the outcome of the detailed engineering study and <b>Measure 6</b>, Narrandera Shire Council is to proceed to the concept design initially and then subject to the availability of Government Funding, detailed design and construction of the Ultimate Flood Protection Scheme.</li> </ul>	This measure would assist in the ongoing assessment of whether the Southern Main Canal Embankment is suitable to form part of a large-scale flood mitigation scheme at Narrandera.	High	3
6. Commissioning of a ground survey and geotechnical investigation for the recently upgraded section of the Narrandera Airport Levee.	Council costs	<ul style="list-style-type: none"> <li>As there are no details presently available on the crest height or the level of compaction which was achieved when placing the fill material along the recently upgraded section of the Narrandera Airport Levee it is recommended that a detailed ground survey and geotechnical investigation be commissioned by Council.</li> <li>Depending on the outcome of the crest level survey, geotechnical investigation and <b>Measure 5</b>, Narrandera Shire Council is to proceed to the concept design initially and then subject to the availability of Government Funding, detailed design and construction of the Ultimate Flood Protection Scheme.</li> </ul>	This measure would assist in the ongoing assessment of which sections of the Narrandera Airport Levee would need to be upgraded should the decision be made to construct a large-scale flood mitigation scheme at Narrandera.	High	5
7. Investigation and concept design of water supply pumping station ring levee and Old Brewery Road upgrade.	\$50,000	<ul style="list-style-type: none"> <li>Underground utilities search.</li> <li>Geotechnical investigation to assess foundation requirements for ring levee</li> <li>Hydraulic modelling to assess the impact raising Old Brewery Road would have on flooding behaviour for events more frequent than 1% AEP.</li> <li>Refine concept design prepared in <i>Flood Study Review</i> for Old Brewery Road upgrade.</li> <li>Cost-benefit analysis to confirm the economic feasibility of the schemes and establish priorities for implementation.</li> <li>Depending on the outcome of the detailed engineering study, Narrandera Shire Council is to proceed to the detailed design and construction of the ring levee.</li> </ul>	This measure would mitigate existing flooding problems. It would require Council and Government funding.	High	7

Cont'd Over

**TABLE S1 (Cont'd)**  
**RECOMMENDED MEASURES FOR INCLUSION IN FLOODPLAIN RISK MANAGEMENT PLAN 2019**

Measure	Required Funding	Features of the Measure	Comment	Level of Importance	Works Funding Priority
8. Investigation and concept design of Detention Basin Strategy (Option 2).	\$120,000	<ul style="list-style-type: none"> <li>Underground utilities search.</li> <li>Geotechnical investigation to assess foundation conditions and basin embankment requirements.</li> <li>Hydraulic modelling to confirm sizes of the key elements comprising Detention Basin Strategy (Option 2)</li> <li>Refine concept designs and cost estimates prepared in <i>FRMS 2019</i> to the Preliminary Design Stage.</li> <li>Cost-benefit analysis to confirm the economic feasibility of the schemes and establish priorities for implementation.</li> <li>Prepare a submission for Council and Government funding for detailed design and construction.</li> </ul>	This measure would mitigate existing flooding problems. It would require Council and Government funding.	High	1
9. Detailed design and construction of Detention Basin Strategy (Option 2).	\$2.48 Million	<ul style="list-style-type: none"> <li>Tasks involved are as follows:                             <ul style="list-style-type: none"> <li>Prepare detailed design and documentation for Detention Basin Strategy (Option 2).</li> <li>Prepare a submission for Council and Government funding.</li> <li>Construct drainage improvements.</li> </ul> </li> </ul>	This measure would mitigate existing flooding problems. It would require Council and Government funding. Note the required funding is an indicative present worth cost based on preliminary analyses undertaken in <i>FRMS 2019</i> .	High	2
10. Detailed design and construction of Woolscour Siphon Works (Option 3).	Council costs	<ul style="list-style-type: none"> <li>Prepare detailed design and documentation for Woolscour Siphon Works (Option 3).</li> <li>Construct drainage improvement works when funds become available.</li> </ul>	This measure would mitigate existing flooding problems. It would require Council to fully fund the work.	High	6
11. Commission <i>Voluntary Purchase and House Raising Feasibility Study</i> at an estimated cost of \$30,000 for fourteen residential properties that are located to the south of the Main Canal in the High Hazard Floodway zone and raise three dwellings that are located to the south of the Main Canal embankment along Sudgeon Street (Allocated amount of \$3.1 Million assumes all affected property owners opt into the two schemes)	\$3.13 Million	<ul style="list-style-type: none"> <li>Recommend existing dwellings be removed from the floodplain via the Voluntary Purchase scheme.</li> <li>The three dwellings are located in a hazard flood storage area where the depths of above-floor inundation exceeds 0.5 m in a 1% AEP flood event. While not economically justified, the three dwellings are located in a High Hazard Flood Storage area and should be raised 500 mm above the peak 1% AEP flood level to prevent damaging flooding from occurring on a relatively frequent basis.</li> </ul>	This measure would reduce the flood risk to occupiers of the floodplain, as well as removing existing residential development from the High Hazard Floodway zone. It would require Council and Government funding.	High	4
<b>Total Estimated Cost</b>	<b>\$5.86 Million</b>				

**20 OUR CIVIC LEADERSHIP**

Nil

**21 STATUTORY AND COMPULSORY REPORTING – DEVELOPMENT SERVICES REPORTS**

**21.1 FEBRUARY DEVELOPMENT SERVICES ACTIVITIES**

**Document ID:** 408342  
**Author:** Manager Development and Environment  
**Authoriser:** Deputy General Manager Infrastructure  
**Theme:** Statutory and Compulsory Reporting – Development Services  
**Attachments:** Nil

**RECOMMENDATION**

That Council

1. Receive and note the Development Services Activities Report for February 2019.

**PURPOSE**

The purpose of this report is to inform Council of Development Applications and other development services provided during February as at 28 February 2019.

**BACKGROUND**

**Development & Complying Development Applications**

A summary of Development & Complying Development Applications processed during February 2019 detailed in the following table:

<b>Stage Reached</b>	<b>Number</b>
Lodged	1
Stop-the-Clock / Under Referral / Awaiting Information	10
Under Assessment	10
Determined	2

The value of Development & Complying Development Applications approved by Council during February 2019 is detailed in the following table:



Development Type	2018/2019			
	February 2019		Year to Date	
	Number	Value \$	Number	Value \$
Residential			18	\$ 1,546,154
Industrial			0	\$ -
Commercial			4	\$ 692,000
Rural Residential			0	\$ -
Subdivisions	1	\$ 2,000	5	\$ 17,000
Other	1	\$ 21,904	3	\$ 53,972
<b>TOTAL</b>	<b>2</b>	<b>\$ 23,904</b>	<b>30</b>	<b>\$ 2,309,126</b>

The following Development Applications were determined during February 2019.

No	Lot	Sec	DP/SP	Address	Development Type	Class	Type	STC	ACTIVE Business Days
DA-029-18-19	53 54	- -	751672 751672	3980 Burley Griffin Way BARELLAN	Subdivision (boundary adjustment)	-	L	Y	48
DA-31-18-19	178	-	750821	19 Narrandera Street GRONG GRONG	Playground equipment	10b	L	-	37

Notes: Active Business Days

- Calculation excludes closure period 21 December 2018-2 January 2019.
- Extended period of public exhibition 20 December-10 January as per amended Environmental Planning and Assessment Act 1979.
- Four weeks' leave taken by assessing officers during January 2019.

The following Complying Development Applications were determined during February 2019.

No	Lot	Sec	DP/SP	Address	Development Type	Class	Type	STC	ACTIVE Business Days

Type explanation

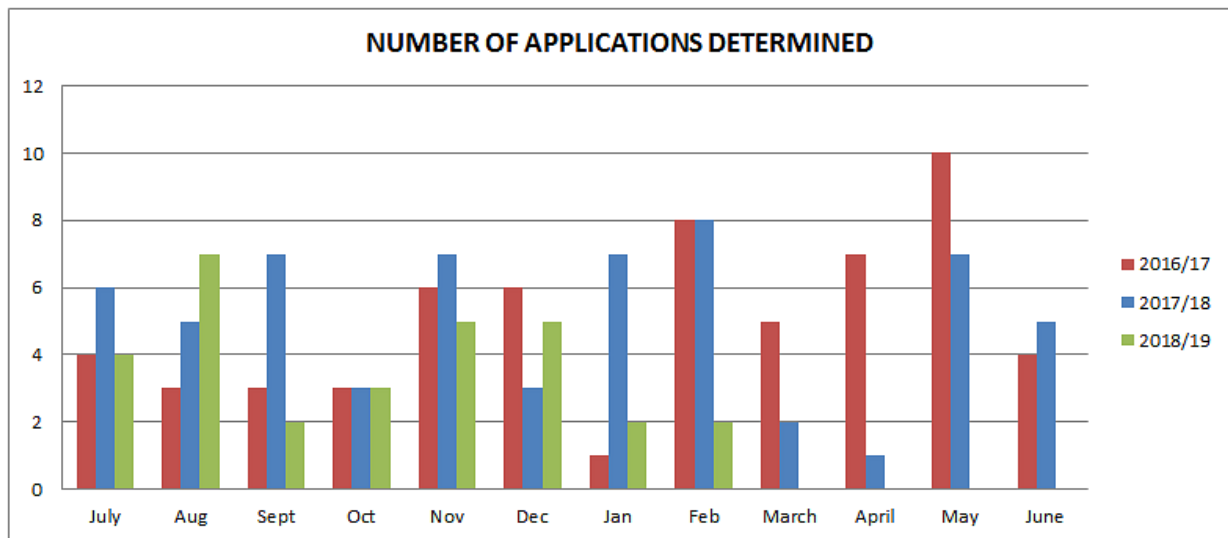
Local (L)	Merit based assessment where development consent is required. Target determination time of 40 business days.
Integrated (I)	Merit based assessment where approval from other authorities, such as RMS, RFS, DPI, is required in addition to development consent. The referral process extends the target determination time to 60 business days.
Modification (M)	Revision of previously approved application. No target determination time.
Stop the Clock (STC)	Calculation of active days stops while additional information required to complete the assessment is obtained from the applicant.

Complying (C)	Fast track approval process without the need for a full development application, if specific criteria are met. Target 10 to 20 business days.
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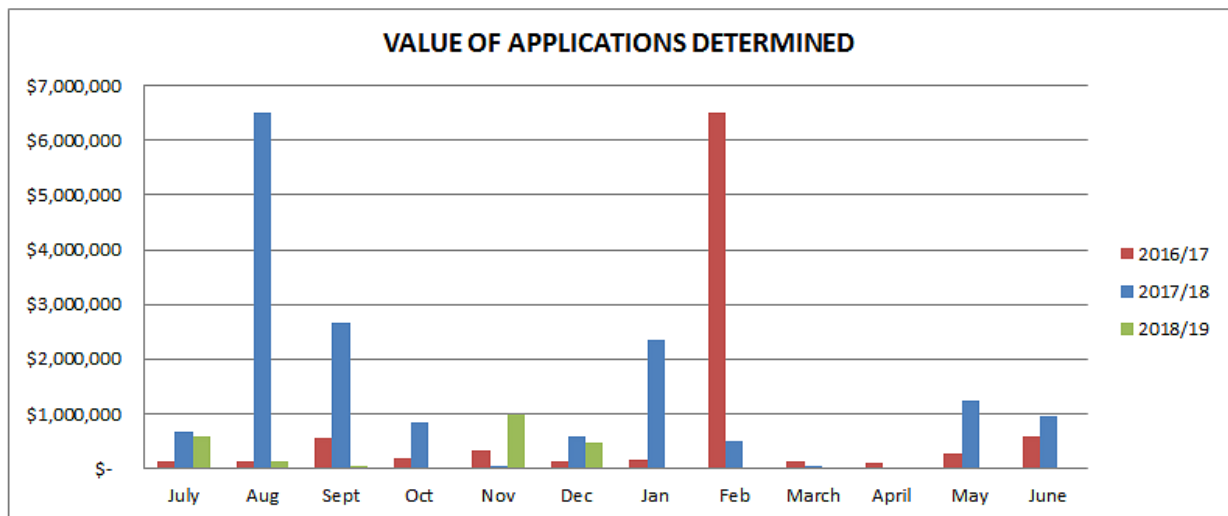
Comparison determination times

2014/15	Narrandera Shire Council average	43 days
2015/16	Narrandera Shire Council average	35 days
2016/17	Narrandera Shire Council average	26 days
2017/18	Narrandera Shire Council average	27 days
2018/19 YTD	Narrandera Shire Council average	31 days

This graph details the comparative number of Development & Complying Development Applications determined by month since 2016/17.



This graph details the comparative value of Development & Complying Development Applications determined by month since 2016/17.



**Certificates Issued**

A summary of other development services activities undertaken during February 2019 is detailed in the following table:

<b>Certificate Type</b>	<b>Number Issued</b>
Construction Certificates	1
Building Certificates	2
Subdivision Certificates	-
Occupation Certificates	2
Compliance Certificates	8
Section 10.7 (previously 149) Certificates	24
Swimming Pool Compliance Certificates	2
On-Site Septic Management System Certificates	1

**Narrandera Floodplain Risk Management and Plan**

Throughout January and February, planning and assessment staff allocated approximately 45% of available hours to the Narrandera Floodplain Risk Management Plan and Study activities. This included identification of property details, preparation of customised correspondence, review of proposed measures, telephone discussions and sixteen meetings with individually affected landowners.

**RECOMMENDATION**

That Council

1. Receive and note the Development Services Activities Report for February 2019.

**22 STATUTORY AND COMPULSORY REPORTING – FINANCIAL / AUDIT REPORTS**

**22.1 FEBRUARY STATEMENT OF RATES AND RECEIPTS**

**Document ID:** 407497  
**Author:** Revenue Officer  
**Authoriser:** Deputy General Manager Corporate and Community  
**Theme:** Statutory and Compulsory Reporting – Financial / Audit  
**Attachments:** Nil

**RECOMMENDATION**

That Council:

1. Receive and note the information contained in the Statement of Rates and Receipts report as at 01 March 2019.

**RATES & CHARGES**

Arrears as at 01.07.2018	474,384.75
18/19 Rate levies & supplementary levies (excl. postponed amounts)	<u>7,690,735.49</u>
	8,165,120.24
Less Pensioner rebates	<u>210,899.00</u>
NET BALANCE	7,954,221.24
Less receipts to 01.03.2019	<u>5,651,394.24</u>
	<u><u>2,302,827.00</u></u>

**Actual % Rate Collection to Net Balance as at 01.03.2019** = **71.05%**

**Comparative % Collection to Net Balance as at 28.02.2018** = **72.04%**

**Anticipated % Collection Rate as at 30.06.2019** = **94.00%**

**WATER CONSUMPTION / SEWER USAGE CHARGES**

Arrears as at 01.07.2018	145,797.75
18/19 Water / Sewer usage charges, supplementary levies & interest	<u>903,584.90</u>
NET BALANCE	1,049,382.65
Less receipts to 01.03.2019	<u>846,999.96</u>
	<u><u>202,382.69</u></u>

**PURPOSE**

The purpose of this report is to present the Statement of Rates and Receipts as at 01 March 2019.

**SUMMARY**

The Statement of Rates and Receipts are required to be submitted for Council's information each month under Statutory and Compulsory Reporting.

**RECOMMENDATION**

That Council:

1. Receive and note the information contained in the Statement of Rates and Receipts report as at 01 March 2019.

**22.2 FEBRUARY STATEMENT OF BANK BALANCES**

**Document ID:** 407523  
**Author:** Costing Officer  
**Authoriser:** Deputy General Manager Corporate and Community  
**Theme:** Statutory and Compulsory Reporting – Financial / Audit  
**Attachments:** Nil

**RECOMMENDATION**

That Council

1. Receive and note the information contained in the Statement of Bank Balances report as at 28 February 2019

**PURPOSE**

The purpose of this report is so that Council is aware of the amount of funds held in its operating account

**BACKGROUND**

Opening Cashbook Balance	770,330.34
Plus Receipt	3,195,816.06
Less Payments	2,152,043.25
Current Cashbook Balance	<u>1,814,103.15</u>
Statement Summary	
Opening Statement Balance	793,392.45
Plus Receipts	2,786,621.17
Less Payments	1,989,172.43
Current Statement Balance	<u>1,590,841.19</u>
Plus Unpresented Receipts	424,257.93
Less Unpresented Payments	200,995.97
Reconciliation Balance	<u>1,814,103.15</u>
GENERAL FUND	<u>1,814,103.15</u>
Unpaid Creditors	3,842.48
Overdraft Limit arranged with Bank 01/01/1989	350,000.00

**RECOMMENDATION**

That Council

- |   |
|---|
| <ol style="list-style-type: none"><li>1. Receive and note the information contained in the Statement of Bank Balances report as at 28 February 2019</li></ol> |
|---|

## 22.3 FEBRUARY INCOME STATEMENT

**Document ID:** 407995

**Author:** Senior Finance Officer

**Authoriser:** Deputy General Manager Corporate and Community

**Theme:** Statutory and Compulsory Reporting – Financial / Audit

**Attachments:** 1. February Income Statement.pdf [↓](#)

### RECOMMENDATION

That Council

1. Receive and note the information contained in the Income Statement report for the period ending 28 February 2019.

### PURPOSE

The purpose of this report is to present Council with the Statement of Income for the period ending 28 February 2019.

### SUMMARY

This report contains operating income and expenditure for Council's General, Water and Sewer Funds. This statement will differ from that in the Annual Financial Statements due to the accrual process and calculation of depreciation.

### BACKGROUND

#### Adopted Budget

The Original budget was adopted by Council on 27 June 2018. The budget will be reviewed at the end of each quarter during the year; subsequent reports will have the revised budget disclosed.

#### Rates & Annual charges

Rates & Charges are reported as fully received because revenue is accounted for once the Rates levy has been run. Rates notices for 2018/2019 were issued on 14 July.

#### Depreciation

Depreciation has been calculated to the end of December. Depreciation is run on a quarterly basis.

#### Major variations to budget

There are no major variations to budget, which are evident at this point in time.

### RECOMMENDATION

That Council

1. Receive and note the information contained in the Income Statement report for the period ending 28 February 2019.



Narrandera Shire Council

General Fund Income Statement  
for the period ending 28 February 2019

	Original Budget	Revised Budget	Actual YTD
<b>Income from Continuing Operations</b>			
<i>Revenue:</i>			
Rates and Annual Charges	5,622	5,625	5,767
User Charges and Fees	1,701	1,720	1,013
Interest and Investment Revenues	400	400	139
Other Revenues	686	770	588
Grants & Contributions provided for Operating Purposes	6,371	5,555	3,337
Grants & Contributions provided for Capital Purposes	6,267	6,668	965
<i>Other Income:</i>			
Net gains from the disposal of assets	92	92	-
Net Share of interests in Joint Ventures & Associated Entities using the Equity Method	-	-	-
<b>Total Income from Continuing Operations</b>	<b>21,139</b>	<b>20,830</b>	<b>11,809</b>
<b>Expenses from Continuing Operations</b>			
Employee Benefits & On-Costs	3,425	3,547	3,986
Borrowing Costs	8	8	3
Materials & Contracts	6,084	7,645	2,552
Depreciation & Amortisation	4,103	3,990	1,995
Legal Costs	-	61	13
Other Expenses	1,274	1,370	1,117
Interest & Investment Losses	-	-	-
Net Losses from the Disposal of Assets	-	-	-
Net Share of interests in Joint Ventures & Associated	-	-	-
<b>Total Expenses from Continuing Operations</b>	<b>14,894</b>	<b>16,621</b>	<b>9,666</b>
<b>Operating Result from Continuing Operations</b>	<b>6,245</b>	<b>4,209</b>	<b>2,143</b>
<b>Discontinued Operations</b>			
Net Profit/(Loss) from Discontinued Operations	-	-	-
<b>Net Operating Result for the Year</b>	<b>6,245</b>	<b>4,209</b>	<b>2,143</b>
Net Operating Result attributable to Council	6,245	4,209	2,143
Net Operating Result attributable to Minority Interests	-	-	-
<b>Net Operating Result for the year before Grants and Contributions provided for Capital Purposes</b>	<b>(22)</b>	<b>(2,459)</b>	<b>1,178</b>

Narrandera Shire Council

Water Fund Income Statement

for the period ending 28 February 2019

	Original Budget	Revised Budget	Actual YTD
<b>Income from Continuing Operations</b>			
<i>Revenue:</i>			
Rates and Annual Charges	686	686	729
User Charges and Fees	1,224	1,224	836
Interest and Investment Revenues	216	216	27
Other Revenues	-	-	-
Grants & Contributions provided for Operating Purposes	23	23	22
Grants & Contributions provided for Capital Purposes	15	15	10
<i>Other Income:</i>			
Net gains from the disposal of assets	-	-	-
Net Share of interests in Joint Ventures & Associated Entities using the Equity Method	-	-	-
<b>Total Income from Continuing Operations</b>	<b>2,164</b>	<b>2,164</b>	<b>1,624</b>
<b>Expenses from Continuing Operations</b>			
Employee Benefits & On-Costs	425	428	354
Borrowing Costs	-	-	-
Materials & Contracts	493	490	165
Depreciation & Amortisation	477	488	244
Legal Costs	-	-	-
Other Expenses	228	228	213
Interest & Investment Losses	-	-	-
Net Losses from the Disposal of Assets	-	-	-
Net Share of interests in Joint Ventures & Associated	-	-	-
<b>Total Expenses from Continuing Operations</b>	<b>1,623</b>	<b>1,634</b>	<b>976</b>
<b>Operating Result from Continuing Operations</b>	<b>541</b>	<b>530</b>	<b>648</b>
<b>Discontinued Operations</b>			
Net Profit/(Loss) from Discontinued Operations	-	-	-
<b>Net Operating Result for the Year</b>	<b>541</b>	<b>530</b>	<b>648</b>
Net Operating Result attributable to Council	541	530	648
Net Operating Result attributable to Minority Interests	-	1	-
<b>Net Operating Result for the year before Grants and Contributions provided for Capital Purposes</b>	<b>526</b>	<b>515</b>	<b>638</b>

Narrandera Shire Council

Sewer Fund Income Statement  
for the period ending 28 February 2019

	Original Budget	Revised Budget	Actual YTD
<b>Income from Continuing Operations</b>			
<i>Revenue:</i>			
Rates and Annual Charges	1,123	1,136	1,176
User Charges and Fees	148	142	87
Interest and Investment Revenues	7	7	6
Other Revenues	3	4	2
Grants & Contributions provided for Operating Purposes	20	20	20
Grants & Contributions provided for Capital Purposes	15	8	1
<i>Other Income:</i>			
Net gains from the disposal of assets	-	-	-
Net Share of interests in Joint Ventures & Associated Entities using the Equity Method	-	-	-
<b>Total Income from Continuing Operations</b>	<b>1,316</b>	<b>1,317</b>	<b>1,292</b>
<b>Expenses from Continuing Operations</b>			
Employee Benefits & On-Costs	286	286	255
Borrowing Costs	-	-	-
Materials & Contracts	379	379	162
Depreciation & Amortisation	300	302	151
Legal Costs	-	-	-
Other Expenses	94	95	62
Interest & Investment Losses	-	-	-
Net Losses from the Disposal of Assets	-	-	-
Net Share of interests in Joint Ventures & Associated	-	-	-
<b>Total Expenses from Continuing Operations</b>	<b>1,059</b>	<b>1,062</b>	<b>630</b>
<b>Operating Result from Continuing Operations</b>	<b>257</b>	<b>255</b>	<b>662</b>
<b>Discontinued Operations</b>			
Net Profit/(Loss) from Discontinued Operations	-	-	-
<b>Net Operating Result for the Year</b>	<b>257</b>	<b>255</b>	<b>662</b>
Net Operating Result attributable to Council	257	255	662
Net Operating Result attributable to Minority Interests	-	-	-
<b>Net Operating Result for the year before Grants and Contributions provided for Capital Purposes</b>	<b>242</b>	<b>247</b>	<b>661</b>

Narrandera Shire Council

Consolidated Income Statement

for the period ending 28 February 2019

	Original Budget	Revised Budget	Actual YTD
<b>Income from Continuing Operations</b>			
<i>Revenue:</i>			
Rates and Annual Charges	7,431	7,447	7,672
User Charges and Fees	3,073	3,086	1,936
Interest and Investment Revenues	623	623	172
Other Revenues	689	774	590
Grants & Contributions provided for Operating Purposes	6,414	5,598	3,379
Grants & Contributions provided for Capital Purposes	6,297	6,691	976
<i>Other Income:</i>			
Net gains from the disposal of assets	92	92	-
Net Share of interests in Joint Ventures & Associated Entities using the Equity Method	-	-	-
<b>Total Income from Continuing Operations</b>	<b>24,619</b>	<b>24,311</b>	<b>14,725</b>
<b>Expenses from Continuing Operations</b>			
Employee Benefits & On-Costs	4,136	4,261	4,595
Borrowing Costs	8	8	3
Materials & Contracts	6,956	8,514	2,879
Depreciation & Amortisation	4,880	4,780	2,390
Legal Costs	-	61	13
Other Expenses	1,605	1,693	1,392
Interest & Investment Losses	-	-	-
Net Losses from the Disposal of Assets	-	-	-
Net Share of interests in Joint Ventures & Associated	-	-	-
<b>Total Expenses from Continuing Operations</b>	<b>17,585</b>	<b>19,317</b>	<b>11,272</b>
<b>Operating Result from Continuing Operations</b>	<b>7,034</b>	<b>4,994</b>	<b>3,453</b>
<b>Discontinued Operations</b>			
Net Profit/(Loss) from Discontinued Operations	-	-	-
<b>Net Operating Result for the Year</b>	<b>7,034</b>	<b>4,994</b>	<b>3,453</b>
Net Operating Result attributable to Council	7,034	4,994	3,453
Net Operating Result attributable to Minority Interests	-	-	-
<b>Net Operating Result for the year before Grants and Contributions provided for Capital Purposes</b>	<b>737</b>	<b>(1,697)</b>	<b>2,477</b>

**22.4 FEBRUARY STATEMENT OF INVESTMENTS**

**Document ID:** 407996  
**Author:** Senior Finance Officer  
**Authoriser:** Deputy General Manager Corporate and Community  
**Theme:** Statutory and Compulsory Reporting – Financial / Audit  
**Attachments:** Nil

**RECOMMENDATION**

That Council

1. receive and note the information contained in the Statement of Investments report as at 28 February 2019.

**PURPOSE**

The purpose of this report is to enable Council to track the progress of its investments.

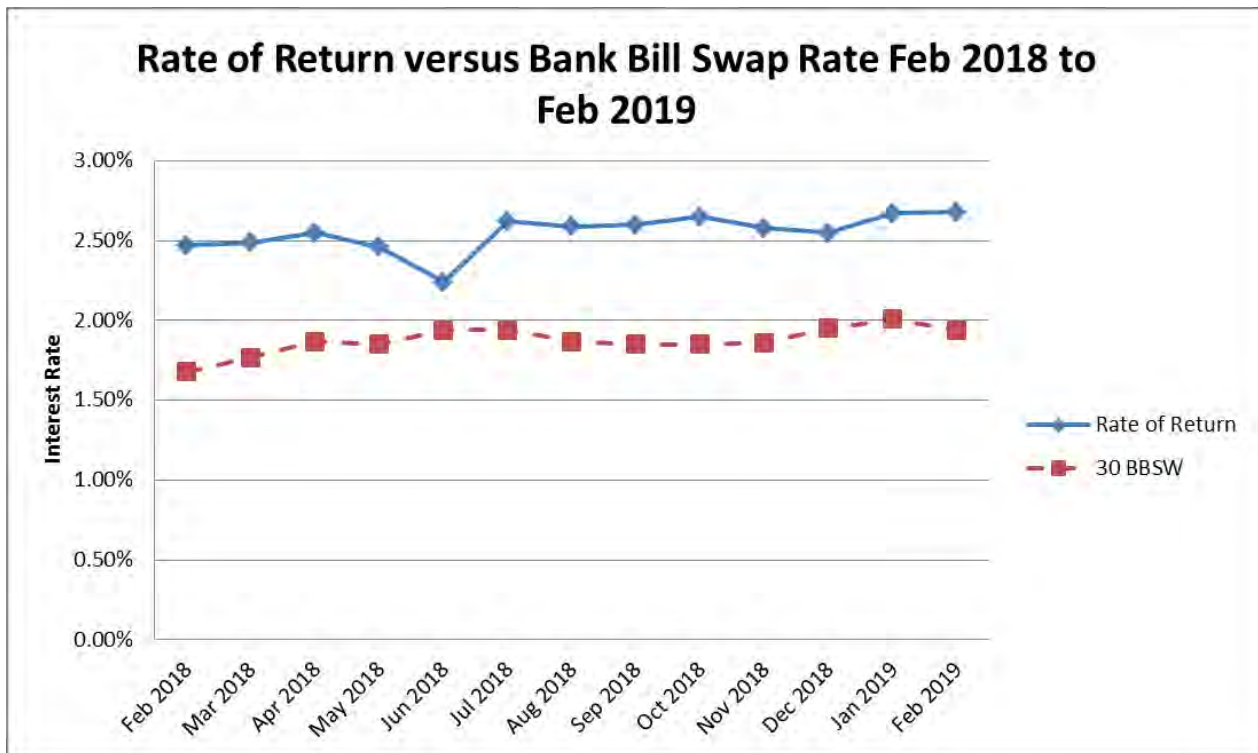
**SUMMARY**

<b>Fund Balance (GL)</b>	
GENERAL	16,266,179.17
WATER	7,672,911.58
SEWERAGE	382,285.52
TRUST	96,308.84
	<u>24,417,685.11</u>

**BACKGROUND**

<b>Council Funds</b>				
<b>Banking Authority</b>	<b>Amount</b>	<b>%</b>	<b>Yield</b>	<b>Due Date</b>
<b>Direct Investments A to BBB-</b>				
Bendigo Bank	500,000.00	2.06%	2.60%	13 May 2019
Bendigo Bank	750,000.00	3.08%	2.65%	14 Nov 2019
Bendigo Bank	1,000,000.00	4.11%	2.75%	3 Dec 2019
Bendigo Bank	1,000,000.00	4.11%	2.60%	27 Nov 2019
Elders Rural Bank	1,000,000.00	4.11%	2.60%	18 Apr 2019
Elders Rural Bank	1,000,000.00	4.11%	2.70%	18 Feb 2020
IMB	1,000,000.00	4.11%	2.75%	22 Aug 2019
IMB	1,000,000.00	4.11%	2.75%	20 Oct 2019
	<b>7,250,000.00</b>	<b>29.80%</b>		
<b>Direct Investments AA- to A</b>				

<b>Direct Investments AAA to AA-</b>				
Commonwealth Bank	1,000,000.00	4.11%	2.75%	7 Aug 2019
NAB Cashmaximiser	571,376.27	2.35%	1.00%	28 Feb 2019
NAB	1,000,000.00	4.11%	2.70%	13 Jun 2019
NAB	1,000,000.00	4.11%	2.75%	1 Aug 2019
NAB	1,000,000.00	4.11%	2.75%	12 Sep 2019
NAB	1,000,000.00	4.11%	2.75%	14 Oct 2019
NAB	1,000,000.00	4.11%	2.75%	2 Oct 2019
NAB	1,000,000.00	4.11%	2.75%	9 Nov 2019
St George	750,000.00	3.08%	2.66%	20 Mar 2019
St George	1,000,000.00	4.11%	2.70%	23 Apr 2019
St George	750,000.00	3.08%	2.70%	12 May 2019
St George	1,000,000.00	4.11%	2.81%	22 Jun 2019
St George	1,000,000.00	4.11%	2.81%	22 Jun 2019
St George	1,000,000.00	4.11%	2.75%	10 Sep 2019
St George	1,000,000.00	4.11%	2.75%	13 Dec 2019
St George	1,000,000.00	4.11%	2.75%	10 Jan 2020
Suncorp	1,000,000.00	4.11%	2.75%	14 Jun 2019
Suncorp	1,000,000.00	4.11%	2.70%	3 Dec 2019
	<b>17,071,376.27</b>	<b>70.16%</b>		
Council Funds	<b>24,321,376.27</b>	<b>100%</b>		
<b>Monthly Investment Performance</b>				
Period Ending	Investments	Weighted Average	BBSW 30 day rate	Variance
Feb 2018	23,266,598.34	2.47%	1.680%	0.79%
Mar 2018	23,317,826.55	2.49%	1.770%	0.72%
Apr 2018	22,518,285.04	2.55%	1.870%	0.68%
May 2018	23,018,583.90	2.46%	1.850%	0.61%
Jun 2018	25,019,128.95	2.24%	1.940%	0.30%
Jul 2018	23,369,266.78	2.62%	1.940%	0.68%
Aug 2018	25,119,395.17	2.59%	1.870%	0.72%
Sep 2018	25,869,793.45	2.60%	1.850%	0.75%
Oct 2018	25,170,184.71	2.65%	1.850%	0.80%
Nov 2018	25,670,470.79	2.58%	1.860%	0.72%
Dec 2018	25,570,918.29	2.55%	1.950%	0.60%
Jan 2019	24,471,179.64	2.67%	2.010%	0.66%
Feb 2019	24,321,376.27	2.68%	1.940%	0.74%
<b>Trust Funds</b>				
Banking Authority	Amount	%	Yield	Due Date
<b>Direct Investments AAA to AA-</b>				
National Australia Bank (Art Trust)	65,684.73	67.62%	2.75%	22/11/2019
Bendigo Bank (Tourist Trust)	30,624.11	32.38%	2.30%	21/03/2019
Trust Funds	<b>96,308.84</b>			



**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES**

The investments listed above have been made in accordance with the Local Government Act, the Regulations and Council’s Investment Policy.

**ISSUES AND IMPLICATIONS**

**Policy**

N/A

**Financial**

N/A

**Legal / Statutory**

Compliance with Clause 212 Local Government Regulation 2005

**Community Engagement / Communication**

N/A

**Human Resources / Industrial Relations (if applicable)**

N/A

**RISKS**

N/A

**RECOMMENDATION**

That Council

1. receive and note the information contained in the Statement of Investments report as at 28 February 2019.



## 22.5 FEBRUARY CAPITAL WORKS PROGRAM

**Document ID:** 408013

**Author:** Senior Finance Officer

**Authoriser:** Deputy General Manager Corporate and Community

**Theme:** Statutory and Compulsory Reporting – Financial / Audit

**Attachments:**

1. 18-19 Capital Works Program February.pdf [↓](#)
2. Capital Expenditure February 2019.pdf [↓](#)
3. Operating Expenditure February 2019.pdf [↓](#)

### RECOMMENDATION

That Council

1. Receive and note the information contained in the Capital Works report as at 28 February 2019.

### PURPOSE

The purpose of this report is to enable Council to track the progress of the capital work programs. This report is for the period ending 28 February 2019.

### BACKGROUND

Works listed in the attachment are for works against new budgeted projects for the 2018/2019 year.

There are quite a few projects that are grant funding dependant, where council have not been notified of successfully gaining the grant as yet. These are highlighted separately on the sheet.

There are also items that are listed as capital projects, but these will not be capitalised at the end of the year. These are also highlighted separately.

Key Operational expenses are also included in this report.

### Progress to date in each area

#### Administration

MagiQ is testing sample data prior to completing the migration for the TRIM EDMS Project.

The replacement of the Desktops/Laptops will commence in March.

The Website Revamp project tender has been accepted and will commence in April.

The NBN Equipment upgrade is dependent upon the 19/20 Capital works budget for the phone system upgrade.

The manager tablets will be reviewed and replaced with old councillor tables as required.

Information is being collected to investigate options for the MS Exchange and MS Office replacement.

Options for the archiving of Council email will be dependent on exchange chosen.

Video conferencing and webcasting is being reported at the March council meeting.

Quotes being organised for CCTV at NRMA charging station and to replace the main street faulty pan tilt zoom option.

(Infrastructure Admin) Asset Management System service provider is currently delivering the missing data from the data migration.

Narrandera Depot Building Works is 90% complete awaiting blinds to be installed.

The Server Backup System Replacement, Councillor Tablet Replacement and Relocation of the Fibre Optic from Teloca house are complete.

### **Housing & Community Amenities**

Driscoll Road street lighting procurement is underway and the design is awaiting approval from Essential Energy.

Narrandera Cemetery bins have been installed and more furniture is being sourced.

Narrandera Cemetery Improvements will commence when cooler weather arrives.

Barellan Cemetery Entrance gate will be completed by June.

The bins for the Barellan Cemetery have arrived and will be installed in March.

Narrandera West Drainage Improvements is waiting licensing to carry out works on Crown Land.

The 2 cameras at Marie Bashir Park and The Festoon lighting automation and switch board upgrade are complete.

### **Environment**

Quotes are being obtained and the public access work is underway for the Narrandera Waste facility.

The Larmer Street Flood Mitigation Works are awaiting confirmation regarding the extent of works to be carried out at the wetlands. Quotes have been received for under boring to provide electricity to the siphon pump..

Barellan Stormwater Design modelling planned for April.

The Narrandera Floodplain Risk Management Study submissions have been received and sent to the consultant committee for review. This will be reported at the March meeting.

The Lake Talbot deepening project – expression of interest have been developed for advertising.

### **Recreation & Culture**

Book & Resource Annual Replacement purchasing is ongoing with purchasing trips planned.

Narrandera Library building of the youth room has commenced construction expected completion date is the end of June 2019.

Emergency works have not been required for the Barellan and Lake Talbot Pool.

The Lake Talbot Pool pedestrian concrete path is complete and the landscaping design is being prepared for planting in Autumn.

The Lake Talbot Pool Open water slide and Change rooms tender has closed and will be reported to the March council meeting.

Rehabilitate Expansion Joints and Rampage floor lift and seal are scheduled for the end of the swimming season.

The tender documentation is being reviewed to issue for the Lake Talbot Pool Detailed Design of Master Plan Works. This will be undertaken once the change room and slide tenders are dealt with.

Marie Bashir Park Mobile Stage is under construction. Delivery date is to be confirmed but likely to be in May 2019.

Narrandera Sportsground South Toilet Block demolition is to be undertaken in April.

Construction is on schedule for the Barellan Sportsground Change room upgrade. Additional funding has been announced through the clubs grant.

Flag poles are ready to be installed at the Grong Grong entrance.

The Grong Grong Park and Barellan Playground replacements & shade structure quotes are to be received in mid-March.

The Hankinson Park irrigation system stage 1 has commenced and will be completed early April. This project forms part of the Stronger Country Communities Round 2 grant.

The Aquatic Weed Harvester project is to be completed prior to June.

Meeting has been held with local elders to decide options for the completion of the Wiradjuri wall.

The tanks have been ordered for the Tree Watering and the project will commence in March. This project forms part of the Drought Community Funding.

The design brief is being prepared for the Lake Talbot Pool Entry. This project forms part of the Drought Community Funding.

The CBD Gateway project is in the planning phase. This project forms part of the Drought Community Funding.

The Community Hall Improvement quotes are being organised by the committees. This project forms part of the Drought Community Funding.

Quotes for the Fencing to Sportsgrounds have commenced. This project forms part of the Drought Community Funding.

The Cemetery Beautification design brief is being prepared. This project forms part of the Drought Community Funding.

The artist for the Art on the Water Tower has been appointed. Workshops are planned at the end of March with youth and local artists. This project forms part of the Drought Community Funding.

The Basketball pit at Marie Bashir Park, Christmas Light Display, Marie Bashir Park Boundary Running Fence and Running track, Barellan Pool roof insulation of the kiosk area, Barellan Cemetery Boundary Fence, Narrandera Sports Stadium exterior repainting, Victoria Ave Stage 1 irrigation, Narrandera Outdoor Netball Courts, Marie Bashir Park Seating and BBQ areas, Rocky Waterholes Toilet and Marie Bashir Park Skate Park Upgrade are complete.

### **Transport & Communication**

The works schedule for Transport & Communication is as follows in monthly order:

March 2019 –Kennys Road, Ellis Road, Mejum Road and Hulmes Road.

April 2019 – Euratha Road, McKinnons Road, Orams Road, Bulloak Tank Road and Kerb & Gutter Footpath renewals

May 2019 – Mason Lane, Laneway Improvements, King Lane, Bolton Lane, Audley Lane, Males Lane, Showground Road, Brookong Street North, Lizard Drive, Beckham Street, Audley Street and Killara Road.

June 2019 –Adams Street.

Flood Damage works are progressing and scheduled for completion in June 2019. A small extension will be requested for the causeway works that was a later addition to the programme.

Urban, Rural and Regional Roads reseal works to be carried out from February to April 2019.

The RMS repair grant application has been submitted and scheduled to begin in May 2019.

Stage 2 of the AMS Implementation road condition survey is to commence in May.

The Truck Wash development is underway including concrete design of slab and silt pits as well as power to the site. Quotes for the oil separation system are about to be called for.

Railway Bridge concept plans have been developed and an initial meeting with the Office of Environment and Heritage has been undertaken. Council and Landcare will consult with neighbours next. The project forms part of the Environment Tourism Grant fund.

Projects that have been completed include: Centenary Road, Settlement Road, Semmler Road, Willows Road, Druces Road, Grong Grong River Road, Litchfields Lane, Pamandi Road, Old Wagga Rd, Landervale Road, Gawnes Road, Brewarrana Lane, Jolleys Road, Paynters Siding Road, Williams Road, Birrego Road, Lismoyle Road, Walkers Road, Irons Road, The Gap Road, Devlins Bridge Road, Settlers Road, Buckingbong Road, Audley Street footpath and Roads Hierarchy Review.

### **Economic Affairs**

Barellan Community Hall main entrance and exit door is complete with the septic tank upgrade and gutter clean to be finalised.

Grong Grong Community Hall works is 90% complete. Replacement of two exit doors and repairs to the male toilets are yet to be completed.

The two security cameras for the Railway Station have been ordered.

The Gateway/Entrance shire boundary signs have been completed and installed.

The Red Hill Signage flagpoles have been fabricated and the new billboard has been installed.

The Lake Talbot Tourist Park fire service upgrade design is scheduled for second half of financial year.

The Upgrade of the Twynam street shops detailed construction plans have been provided by the tenant, heads of agreement signed and lease being reviewed. Quotes are being finalised for internal works.

The Airport cottage building works are 90% complete.

The airport emergency generator, airside improvements and Terminal CCTV security upgrade are expected to be completed in March 2019.

The Airport provision of apron flood lighting scope of works is being prepared and expected to be completed in May.

The Airport terminal building works expected to be completed in April 2019.

The Airport Airside Beautification and improvements will be performed throughout the year as required.

The NRMA Charging Station, Visitor Information Centre Building works and Manderlay Road Building Works are completed.

The Provision for off-street chambers staff parking has been postponed.

### **Water Supplies**

The Water Main Replacements program includes: Riverine Street, Argyle Street, Whitton Street, Mitchell Street, Dalgetty Street and King Street. Riverine Street and Argyle St are complete. Mitchell Street to begin in April.

The schedule has been developed for the Hydrant and Valve replacements with construction work underway.

The Integrated Water Cycle Management (IWCM) is 50% complete.

Air quality testing is to be undertaken in April for the Aerator gas scrubbing.

Water Treatment Plant Upgrade design is being performed in conjunction with the IWCM study. Expression of Interest under the Safe and Secure Water Programme has been accepted. A detailed application will be made before the end of March.

Non Return Valve Bore 4 to commence in May 2019.

Network Design and Planning review will commence upon completion of the Hydraulic Modelling.

Rising Main Isolation is 80% complete.

The Bore 3 well head replacements design is complete and works 90% completed.

Main Street Water Main Replacement is scheduled to begin in March 2019.

Flow meters on all inlet and outlet reservoirs will be procured within March.

The Emergency response equipment is awaiting delivery.

Specifications are being finalised for the Reservoir cleaning and structural assessment. Vermin proofing completed.

The data entry and document control system has been developed and is currently being implemented.

Backflow prevention register is scheduled for April 2019.

The Low Level Chlorinator equipment is complete subject to commission.

The North Zone Pressure Pump size will be informed by the Hydraulic modelling. The pumps will be replaced once the modelling is complete.

Pine Hill Pumps replacement is 90% complete. The pump has been installed and is currently awaiting delivery of the pump controller.

Procurement has commenced for the SCADA and Instrumentation upgrades. The project is to be completed over two years.

Service Replacements to be performed as needed.

Network Hydraulic modelling Software is 95% complete with expected finish date in March.

The Duplicate Rising Main from Plant and Pine Hill Reservoir Vermin Proofing has been completed.

### **Sewerage Supplies**

Investigate PS1 Cracking is waiting cleaning for the structural inspection.

The Elwin Street Main Replacement design is complete and works to commence in the later part of the financial year.

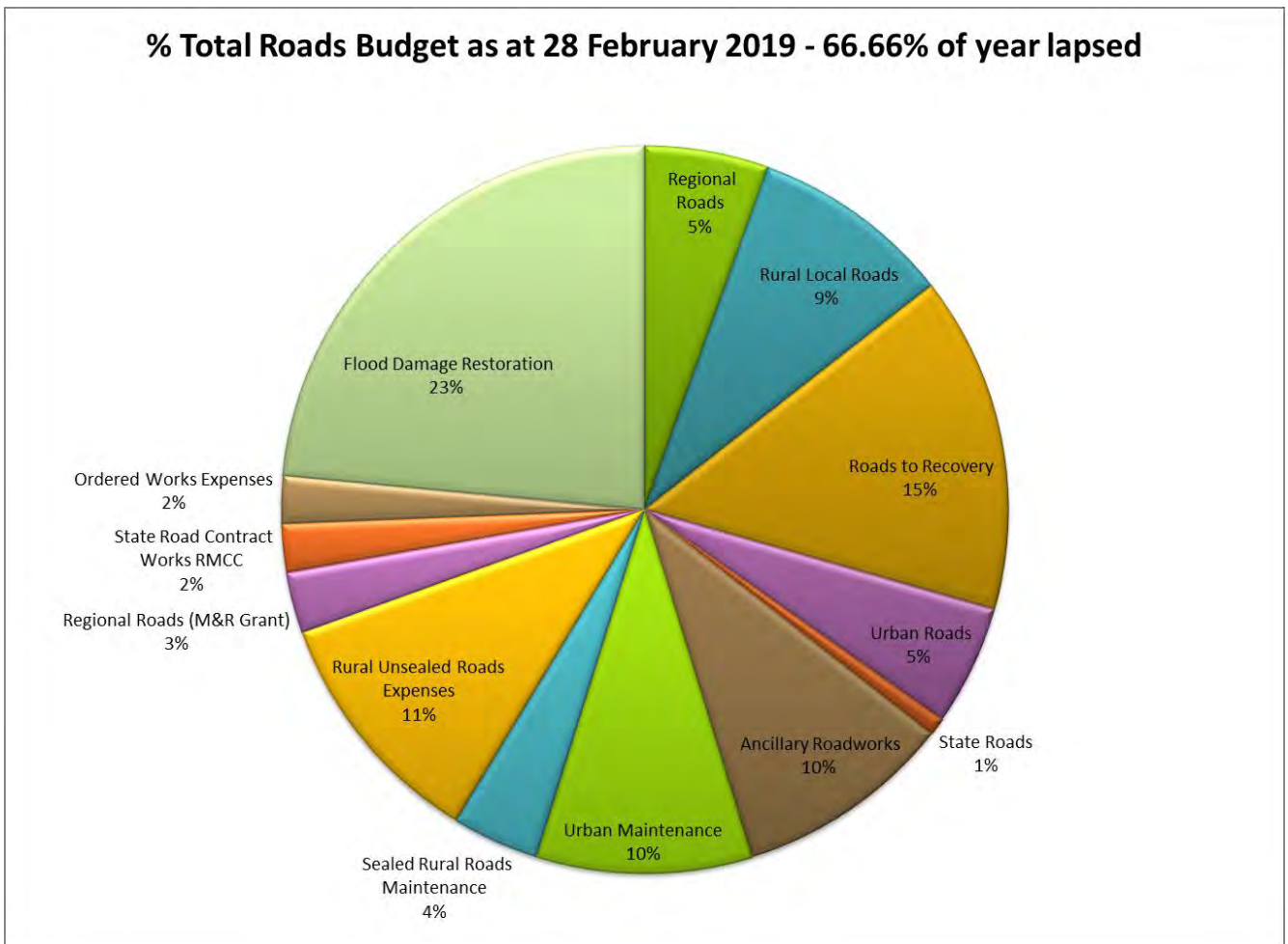
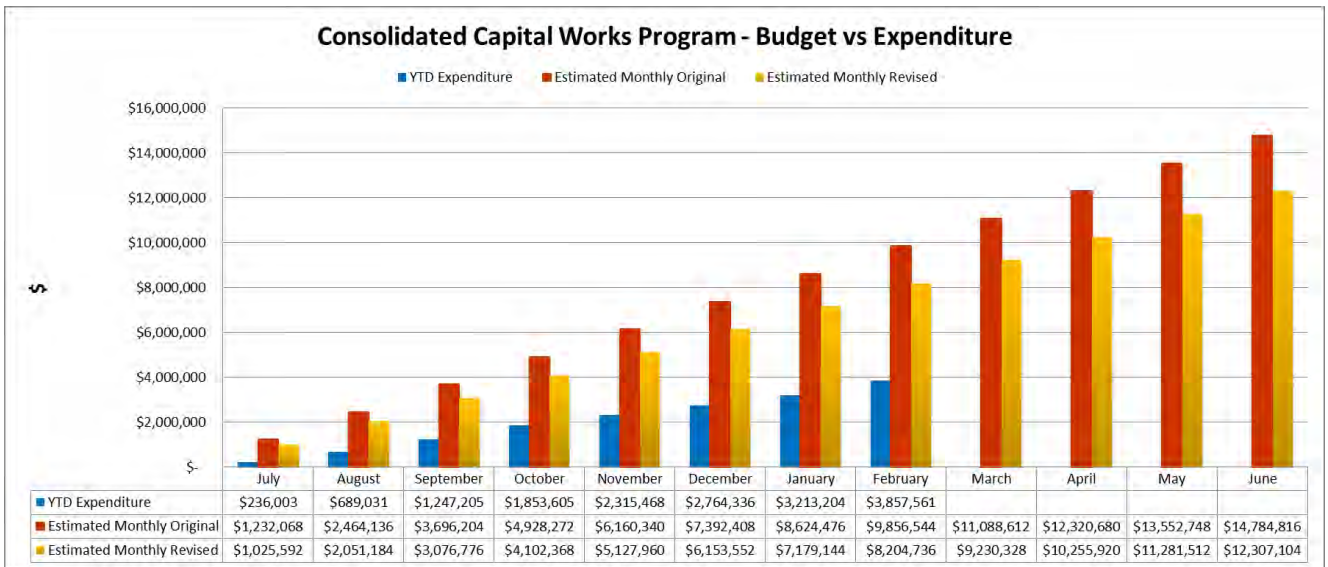
The effluent inlet quality is being monitored for the EPA Primary Filter.

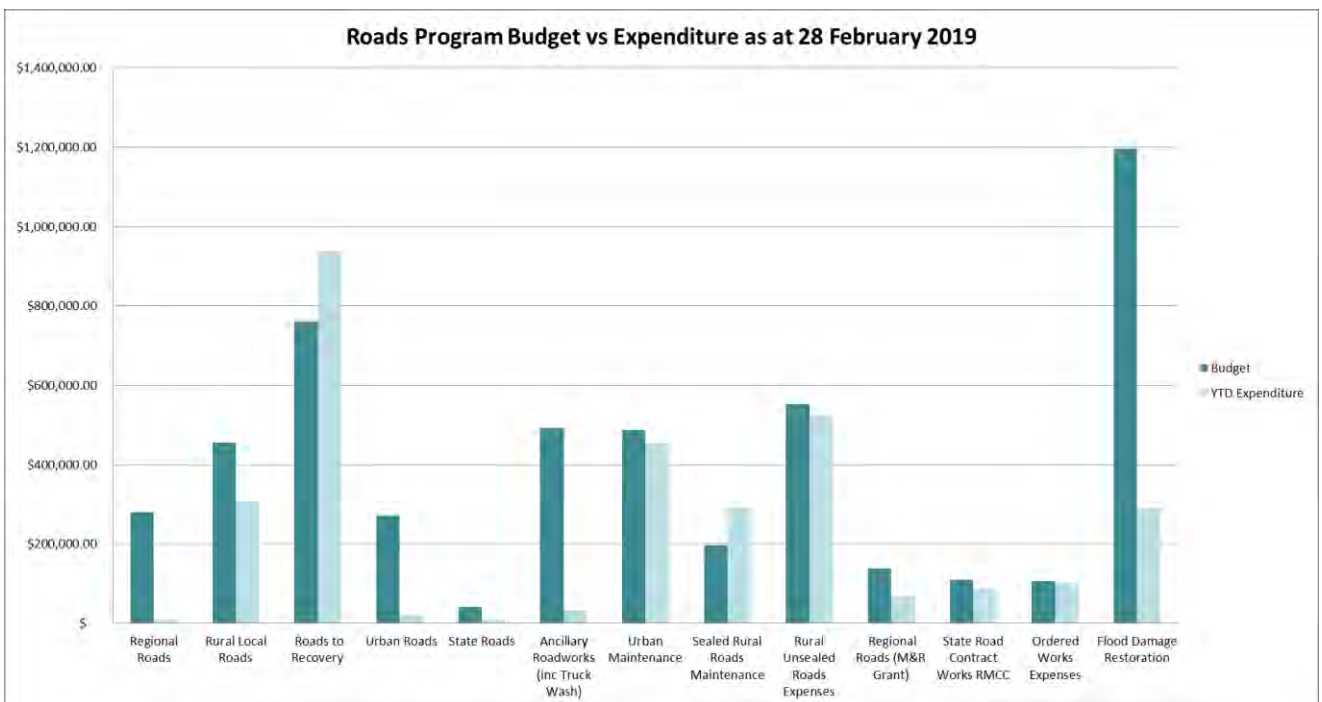
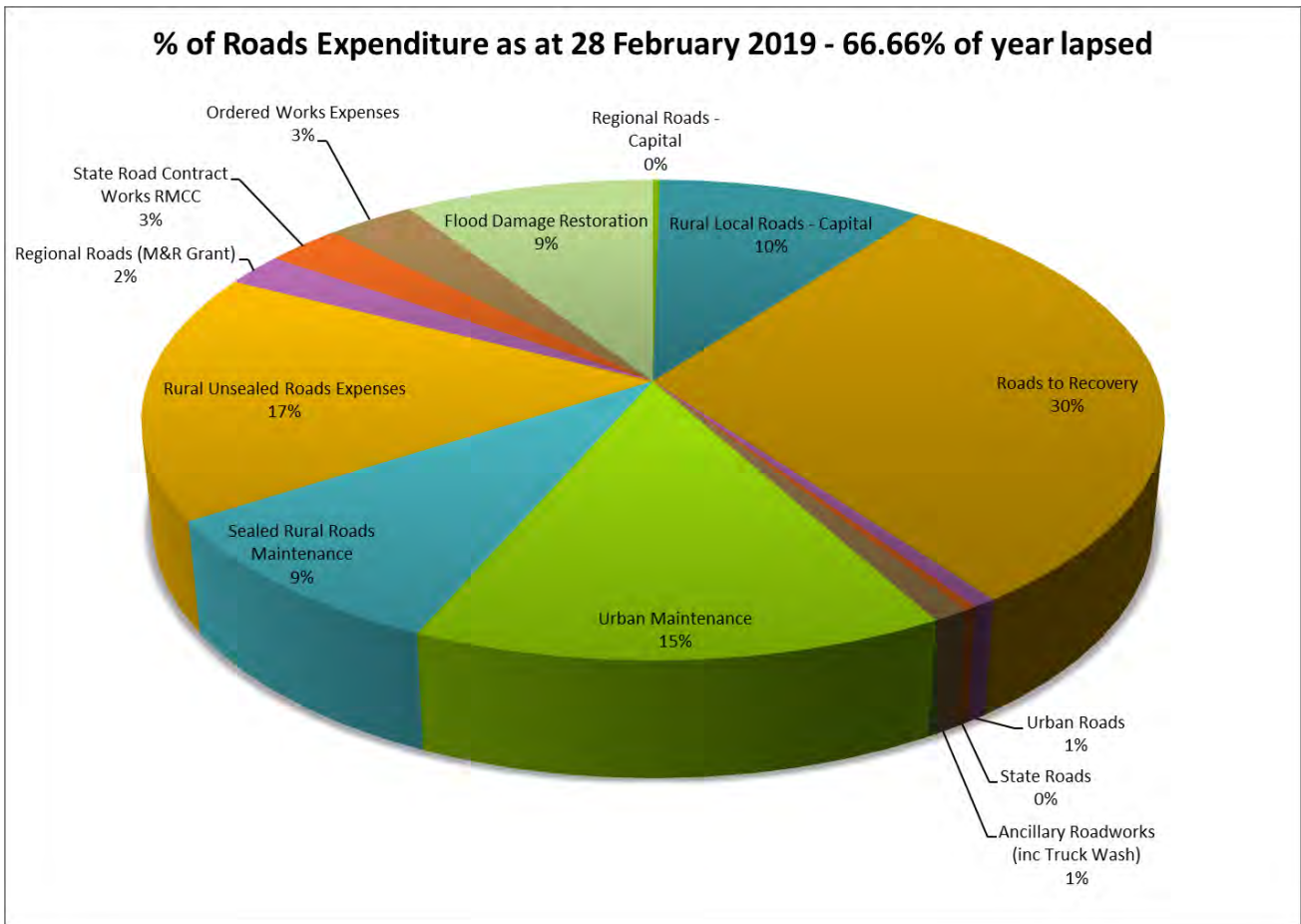
Flowmeters for Pump Station 2, 3, 4 will be procured in March.

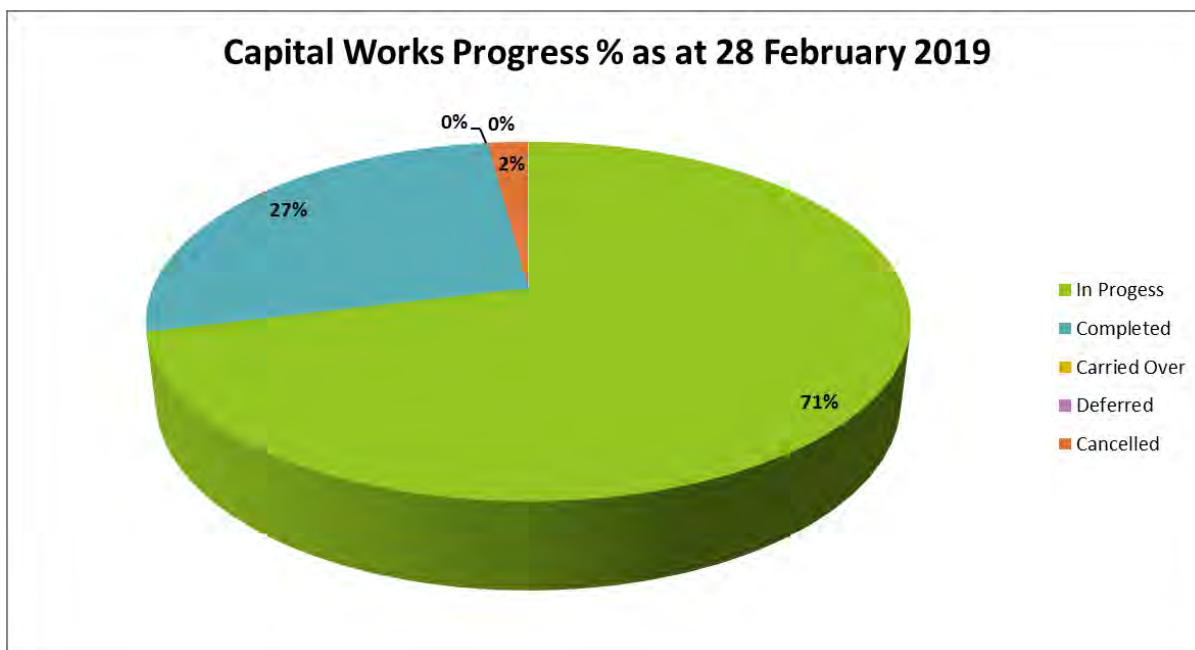
The design options are being considered for the SPS1 Emergency Bypass Pump. Flow meters will be procured in March.

Manhole Replacements, Sewer Service Replacements and Sewer main Replacements will be performed as needed. Larmer Street line replacement is to be investigated.

Maturation Pond Spillway Repair is complete with costings being finalised.







**TERMINOLOGY**

This report contains an explanation of terminology and headings used in the capital works report. Key terms and terminology are as follows:

**Ledger Number** - This is a reference number for staff to link the report to Councils accounting records.

Capital works are funded from a number of sources. Codes that denote revenue sources are:

- **Revenue** – Projects funded from revenue raised from Rates & Annual charges, User Fees and Other Revenue.
- **Reserve** – Jobs funded from Council’s reserves and unspent grants.
- **Grant & Contributions** - Funding from other Government departments, Council’s or organisations.

**Budget** – This is the total allocation to complete the project.

**YTD Exp** – Total expenditure allocated to project as of report date, including commitments.

**Balance** – Amount of unspent funds for each program at reporting date.

**Graph** – The graph at the top of the report displays the original budget adopted by Council, the revised budget and year to date expenditure, including commitments.

**RELEVANCE TO COMMUNITY STRATEGIC PLAN AND OTHER STRATEGIES / MASTERPLANS / STUDIES**

**Theme**

Our Infrastructure

**Goal**

To have an improved and adequately maintained road network



**Strategy**

56 - Commence identified actions from the Roads Review including implementation of an effective road hierarchy

**Action**

56.1 - Funding for and any identified projects and opportunities from the strategy to be included and considered by Council as part of the annual budget process

**ISSUES AND IMPLICATIONS****Policy**

Nil

**Financial**

Advise Council of the current status of the Capital Works Program

**Legal / Statutory**

N/A

**Community Engagement / Communication**

N/A

**Human Resources / Industrial Relations (if applicable)**

N/A

**RISKS**

N/A

**RECOMMENDATION**

That Council

1. Receive and note the information contained in the Capital Works report as at 28 February 2019.



KEY OPERATIONAL & CAPITAL WORKS EXPENSES 2018-19 - As at 28/02/19

Project	Resp.	Job Number	Proposed	Capital Projects			Commitments	Budget	Unrealised Grants		%	Comments
				Cancelled	Projects Not Capitalised	Carryover			Key Operational Complete	Balance		
					Sept	Dec		YTD				
1 Council Chambers Sewer Upgrade	WM	4100-1002-0000	\$0.00	\$14,919.00				\$14,919.00	\$0.00	\$14,919.00	0%	Plumber engaged to assess solutions
2 Council Chambers Building Works	WM	4100-1004-0000	\$27,600.00					\$27,600.00	\$4,147.21	\$23,452.79	15%	Air conditioner in stair well area complete; guttering, exhaust fan installation and minor work at corporate library progressing
3 TRIM EDMS Project	IT	4200-1001-0000	\$0.00	\$17,395.00			\$16,500.00	\$17,395.00	\$0.00	\$17,395.00	0%	Testing sample data with MagiQ before completing migration.
4 Replace Desktops/Laptops	IT	4400-1001-0000	\$20,000.00					\$20,000.00	\$0.00	\$20,000.00	0%	Will commence in March
5 Councilor Tablet Replacement	IT	4400-1011-0000	\$10,500.00			\$10,000.00	\$190.50	\$20,500.00	\$19,728.54	\$771.46	96%	Project completed
6 Website revamp	IT	4400-1007-0000	\$50,000.00	\$20,000.00				\$70,000.00	\$0.00	\$70,000.00	0%	Tender accepted and project will start when Edwina is back from leave.
7 NBN Equipment	IT	4400-1008-0000	\$0.00	\$3,972.00				\$3,972.00	\$0.00	\$3,972.00	0%	Dependent upon the 19/20 Capital Works budget for the phone system upgrade.
8 Manager Tablets	IT	4400-1013-0000	\$8,000.00					\$8,000.00	\$0.00	\$8,000.00	0%	Review as old councilor tablets are reallocated
9 MS Exchange Replacement	IT	4400-1014-0000	\$28,000.00					\$28,000.00	\$0.00	\$28,000.00	0%	Collecting information to investigate MS Exchange options
10 MS Office Replacement	IT	4400-1015-0000	\$35,000.00					\$35,000.00	\$405.00	\$34,595.00	1%	Collecting information to investigate MS Office options
11 Council email archiving	IT	4400-1017-0000	\$17,000.00					\$17,000.00	\$0.00	\$17,000.00	0%	Options will depend on the exchange replacement that is chosen
12 Webcasting and Video Conferencing	IT	4400-1018-0000	\$42,000.00			-\$10,000.00		\$32,000.00	\$1,115.00	\$30,885.00	3%	Report going to council in March meeting
13 Server Backup System Replacement	IT	4400-1012-0000	\$34,000.00					\$34,000.00	\$32,673.00	\$1,327.00	96%	Project completed
14 Relocate Fibre Optic from Telco House to EOC	IT	4400-1016-0000	\$10,500.00					\$10,500.00	\$11,050.00	-\$550.00	105%	Project completed
15 Asset Management System	MPA	5000-1001-0000	\$0.00	\$2,484.00			\$2,264.49	\$2,484.00	\$0.00	\$2,484.00	0%	Service provider is currently delivering missing elements of initial data migration including missing GIS layers
16 Narrandera Depot Building Works	WM	5000-1002-0000	\$9,000.00					\$9,000.00	\$11,033.40	-\$2,033.40	123%	Upgrades to staff areas. Works 90% complete blinds to be installed
17 Festoon lighting automation and switch board upgrade	MPA	5050-1002-0000	\$20,825.00				\$12,282.51	\$20,825.00	\$5,793.89	\$15,031.11	28%	Work completed. Awaiting final invoices
18 Driscoll Rd - street lighting	MPA	5050-1003-0000	\$40,200.00				\$490.00	\$40,200.00	\$3,450.77	\$36,749.23	9%	Procurement underway Electrical Design waiting on Essential energy approval
19 CCTV Camera Equipment Replacement	IT	5200-1002-0000	\$11,000.00					\$11,000.00	\$5,758.42	\$5,241.58	52%	Organising quotes for CCTV at the NRMA charging station and to replace faulty PTZ in Main Street
20 2 Cameras Marie Bashir Park	IT	5200-1003-0000	\$0.00	\$10,000.00				\$10,000.00	\$9,051.00	\$949.00	91%	Completed
21 Narrandera Waste Facility - External fence & improved public access	MDE	5600-1006-0000	\$45,000.00				\$2,613.75	\$45,000.00	\$19,954.31	\$25,045.69	44%	12/18: Quotes being obtained. 1/19: Public access work underway
22 Waste Depot Building Works	WM	5600-1007-0000	\$4,000.00					\$4,000.00	\$83.42	\$3,916.58	2%	Completed
23 Narrandera Floodplain Risk Management Study	MPA	5700-1001-0000	\$0.00	\$75,854.00				\$75,854.00	\$59,823.12	\$16,030.88	79%	Exhibition period closed. Received submissions have been sent to Consultant for review. Report to March council meeting
24 Larmer St Flood Mitigation Works - Stage 2	MPA	5700-1004-0000	\$90,000.00				\$9,066.43	\$90,000.00	\$5,796.99	\$84,203.01	5%	Awaiting confirmation of extent of works to be carried out at the wetlands. Quotes received underboring to provide electricity to the pump site
25 Narrandera West Drainage Improvements	MPA	5700-1005-0000	\$222,000.00	-\$9,499.00	\$33,541.00			\$246,042.00	\$23,265.04	\$222,776.96	9%	Basin locations confirmed. Awaiting license from Crown lands to carry out works on Crown land.
26 Narrandera Cemetery Furniture	OSR	0800-1002-0000	\$8,000.00					\$8,000.00	\$4,593.75	\$3,406.25	57%	Completed two bins. More furniture being sourced.
27 Narrandera Cemetery Improvements (Cemetery Review)	OSR	0800-1004-0000	\$120,000.00					\$120,000.00	\$0.00	\$120,000.00	0%	Expansion of lawn cemetery to be done when cooler weather arrives
28 Barellean Cemetery Entrance gate	OSR	0800-1005-0000	\$16,000.00					\$16,000.00	\$0.00	\$16,000.00	0%	Will be completed by June
29 Barellean Cemetery - Boundary fence	OSR	0800-1006-0000	\$8,000.00					\$8,000.00	\$7,838.00	\$162.00	98%	Completed
30 Narrandera Library Book & Resources annual replacement	CDM	7700-1002-0000	\$29,696.00				\$2,408.69	\$29,696.00	\$9,925.66	\$19,770.34	33%	Resource purchasing is ongoing with purchasing trips planned.
31 Narrandera Library - Building of Youth Room	CDM	7700-1003-0000	\$315,000.00				\$100,000.00	\$415,000.00	\$63,631.20	\$351,368.80	15%	Construction commenced due for completion end of June.
32 Narrandera Library Building Works	WM	7700-1004-0000	\$5,452.00					\$5,452.00	\$189.74	\$5,262.26	3%	Light and fan sensor in toilets, electric hand dryer, external wall light
33 Lake Talbot Pool - Detailed Design of Master Plan Works - Filtration & Splash Park Works	MPA	7800-1005-0000	\$0.00	\$93,490.00			\$29,500.00	\$93,490.00	\$34,826.97	\$58,663.03	37%	Reviewing tender documentation in preparation for issue of tender. Tender advertising to be issued in March
34 Lake Talbot Pool - Rehabilitation Expansion Joints & Rampage Floor Lift & seal	MPA	7800-1006-0000	\$30,000.00	\$12,847.00		-\$20,000.00		\$22,847.00	\$4,106.46	\$18,740.54	18%	Will review at end of swimming season. Will depend on outcome of tender for pool filtration & splash park and also if fix to rampage pool floor was adequate.
35 Lake Talbot Pool Replacement of Open Slide	MPA	7800-1010-0000	\$243,615.00					\$243,615.00	\$0.00	\$243,615.00	0%	Tender closed and under review. Report to March Council meeting
36 Lake Talbot Pool - Pedestrian path.	MPA	7800-1011-0000	\$125,000.00	\$10,096.00			\$2,092.66	\$135,096.00	\$120,254.33	\$14,841.67	89%	Landscaping design being prepared by OSR team for planting in autumn. Includes irrigation of garden beds
37 Lake Talbot Pool - Change Rooms pool deck level.	MPA	7800-1012-0000	\$398,119.00					\$398,119.00	\$197.68	\$397,921.32	0%	Tender closed report to March council meeting.
38 Barellean Pool Insulate roof of kiosk area	MPA	7900-1005-0000	\$6,000.00					\$6,000.00	\$4,702.59	\$1,297.41	78%	Completed
39 Narrandera Sportsground - South Toilet Block demolition	OSR	0200-1011-0000	\$10,000.00					\$10,000.00	\$402.41	\$9,597.59	4%	Demolition expected to be undertaken April
40 Barellean Sportsground - Change room Upgrade	OSR	0200-1014-0000	\$102,000.00	\$895,136.00			\$229,351.48	\$497,136.00	\$207,696.40	\$289,439.60	42%	Construction on schedule at lock up stage. Additional funds have been announced through Clubs grant.
41 Marie Bashir Park - Boundary Fence & Running Track	OSR	0200-1010-0000	\$10,000.00	\$128,233.00		\$7,578.00	\$345.45	\$145,811.00	\$135,465.49	\$10,345.51	93%	Completed
42 Narrandera outdoor netball courts - concreting of unsealed areas	OSR	0200-1013-0000	\$12,000.00		\$3,290.00			\$15,290.00	\$15,291.47	\$1,000.00	100%	Completed
43 Marie Bashir Park - Mobile Stage	OSR	0300-1009-0000	\$0.00	\$180,000.00				\$180,000.00	\$60,963.18	\$119,036.82	34%	Stage under construction. Expected delivery by Easter.
44 Flag Poles for Festive Flags	OSR	0300-1012-0000	\$0.00			\$11,822.00		\$11,822.00	\$7,212.75	\$4,609.25	61%	Poles ready to be installed at Grong Grong Entrance. Budget was adjusted in Quarterly review.
45 Completion of Wiradjuri wall	OSR	0300-1022-0000	\$20,000.00					\$20,000.00	\$0.00	\$20,000.00	0%	Existing Wiradjuri wall has structural defects that need to be further investigated. Meeting has been held with local elders to decide options.
46 Barellean Playground Upgrades	OSR	0300-1023-0000	\$15,000.00					\$15,000.00	\$0.00	\$15,000.00	0%	Quotes to be received by mid March.
47 Grong Grong Park Playground replacements & shade structure	OSR	0300-1024-0000	\$30,000.00					\$30,000.00	\$162.28	\$29,837.72	1%	Quotes to be received by mid March.
48 Hankinson park upgrade	OSR	0300-1025-0000	\$30,000.00			\$30,000.00	\$21,099.79	\$80,000.00	\$0.00	\$80,000.00	0%	Works commenced on irrigation. Completion early April.
49 Drought Community Funding - Tree Watering	OSR	0300-1028-0000	\$0.00			\$131,113.00		\$131,113.00	\$0.00	\$131,113.00	0%	Tanks have been ordered. Casuals to start 11 March.
50 Drought Community Funding - Lake Talbot Pool Entry	MPA	0300-1029-0000	\$0.00			\$58,275.00		\$58,275.00	\$0.00	\$58,275.00	0%	Design brief being prepared. Have spoken with local nursery about their assistance in plant selection and supply.
51 Drought Community Funding - CBD Gateway	MPA	0300-1030-0000	\$0.00			\$299,233.00		\$299,233.00	\$0.00	\$299,233.00	0%	Liaising with businesses in the top block of East St. Project planning phase.
52 Drought Community Funding - Comm Hall Improvements	MPA	0300-1031-0000	\$0.00			\$120,053.00		\$120,053.00	\$0.00	\$120,053.00	0%	Committees organising quotes.
53 Drought Community Funding - Fencing to Sportsgrounds	OSR	0300-1032-0000	\$0.00			\$105,045.00		\$105,045.00	\$0.00	\$105,045.00	0%	Quotes closing in March.
54 Drought Community Funding - Cemetery Beautification	OSR	0300-1033-0000	\$0.00			\$47,250.00		\$47,250.00	\$0.00	\$47,250.00	0%	Design brief being prepared. Have spoken with local nursery about their assistance in plant selection and supply.
55 Drought Community Funding - Art on Water Tower	MPA	0300-1034-0000	\$0.00			\$129,150.00		\$129,150.00	\$0.00	\$129,150.00	0%	Artist appointed. Workshops planned with youth and local artists at the end of March. DA being prepared.
56 Marie Bashir Park - Seating & BBQ Areas x 2	OSR	0300-1007-0000	\$0.00	\$32,994.00		\$38,600.00	\$2,298.00	\$71,594.00	\$70,619.54	\$974.46	99%	Completed
57 Victoria ave stage 1 - irrigation in front of Sportsground and stadium	OSR	0300-1026-0000	\$40,000.00			\$16,854.55		\$40,000.00	\$4,304.21	\$35,695.79	11%	Complete - savings to go towards extending the irrigation area within the sportsground adjacent to argyle street.
58 Marie Bashir Park - Skate Park Upgrade	MPA	0300-1011-0000	\$0.00	\$165,536.00		\$40,696.87		\$206,232.87	\$206,232.87	\$0.00	100%	Completed

66.66 % of year elapsed

KEY OPERATIONAL & CAPITAL WORKS EXPENSES 2018-19 - As at 28/02/19

Project	Resp.	Job Number	Proposed	Capital Projects				Budget	YTD	Unrealised Grants		Comments	
				Cancelled	Projects Not Capitalised	Carryover	Sept			Dec	Commitments		Complete
59 Marie Bashir Park - Basketball Pit	OSR	0300-1021-0000	\$30,000.00					\$20,000.00	\$50,000.00	\$54,468.87	-\$4,468.87	109%	Completed
60 Christmas Tree Lighting Project	OSR	0300-1027-0000	\$30,000.00				\$30.00		\$30,000.00	\$28,381.19	\$1,618.81	95%	Installation completed / Date to be set for Autumn/Winter storage
61 Narrandera Sports Stadium - Repainting exterior	OSR	0400-1002-0000	\$30,000.00						\$30,000.00	\$28,059.00	\$1,941.00	94%	Completed. Remaining funds will be used to paint the foyer inside the stadium.
62 Lake Talbot Recreation Area - Rocky Waterholes Toilet	MPA	0600-1005-0000	\$0.00	\$46,974.00			\$1,436.36		\$46,974.00	\$45,446.68	\$1,527.32	97%	Completed
63 Aquatic weed Harvester	OSR	0600-1008-0000	\$130,000.00						\$130,000.00	\$0.00	\$130,000.00	0%	Completed prior to June.
64 Urban Roads Construction	WM	N/A	\$0.00						\$0.00	\$0.00	\$0.00	0%	
65 Barellan Stormwater Design	MPA	0006-1012-0000	\$0.00	\$4,417.00					\$4,417.00	\$656.07	\$3,760.93	15%	Modelling planned for April
66 Audley St (Elizabeth to Frederica)	WM	0006-1018-0000	\$16,830.00						\$16,830.00	\$0.00	\$16,830.00	0%	Commences in May 2019
67 Adam St (Larmer to Audley)	WM	0006-1019-0000	\$16,804.00						\$16,804.00	\$0.00	\$16,804.00	0%	Commences in June 2019
68 Mason Ln (Drain Covering)	WM	0006-1020-0000	\$30,000.00						\$30,000.00	\$0.00	\$30,000.00	0%	Commences in May 2019
69 Laneway Improvements	WM	0006-1021-0000	\$33,366.00						\$33,366.00	\$0.00	\$33,366.00	0%	Commences in May 2019
70 Kerb Gutter & Footpath Renewal	WM	0006-1022-0000	\$25,000.00						\$25,000.00	\$0.00	\$25,000.00	0%	Commences in April 2019
71 Roads Hierarchy Review	WM	0006-1010-0000	\$0.00	\$8,000.00					\$8,000.00	\$4,000.00	\$4,000.00	50%	Strategic network assessment has been completed.
72 Urban Roads Construction - Laneways	WM	N/A	\$16,000.00						\$16,000.00	\$0.00	\$16,000.00	0%	
73 King Ln (Cadell to Adam)	WM	0009-1005-0000	\$0.00						\$0.00	\$0.00	\$0.00	#DIV/0!	Commences in May 2019
74 Bolton Ln (Beckham to Jellinbah)	WM	0009-1006-0000	\$0.00						\$0.00	\$0.00	-\$0.00	#DIV/0!	Commences in May 2019
75 Audley Ln (Midgeon to Roberts)	WM	0009-1007-0000	\$0.00						\$0.00	\$0.00	-\$0.00	#DIV/0!	Commences in May 2019
76 Urban Reseals	WM	0007-1000-0000	\$112,000.00						\$112,000.00	\$0.00	\$112,000.00	0%	Commenced in February 2019; Locations marked; Works ordered. To be completed by Mid April.
77 Urban Pavement Rehabilitation	WM	N/A	\$0.00						\$0.00	\$0.00	\$0.00	0%	
78 Showground Road	WM	0008-1013-0000	\$36,000.00						\$36,000.00	\$0.00	\$36,000.00	0%	Commences in May 2019
79 Brookong St North	WM	0008-1014-0000	\$16,560.00						\$16,560.00	\$0.00	\$16,560.00	0%	Commences in May 2019
80 Lizard Drive	WM	0008-1015-0000	\$61,750.00						\$61,750.00	\$0.00	\$61,750.00	0%	Commences in May 2019
81 Beckham Street	WM	0008-1016-0000	\$8,690.00						\$8,690.00	\$0.00	\$8,690.00	0%	Commences in May 2019; shoulder sealing
82 Rural Roads Construction	WM	N/A	\$0.00						\$0.00	\$0.00	\$0.00	0%	
83 Killara Rd 0-2.07km	WM	0010-1101-0000	\$65,205.00						\$65,205.00	\$0.00	\$65,205.00	0%	Commence and complete in April 2019
84 Grng Grng River Rd 5th 0-2km	WM	0010-1104-0000	\$34,220.00						\$34,220.00	\$36,286.15	-\$2,066.15	106%	Completed
85 Druces Rd 0-1km	WM	0010-1102-0000	\$15,750.00						\$15,750.00	\$25,499.29	-\$9,749.29	162%	Completed
86 Druces Rd 3.235-4.335km	WM	0010-1103-0000	\$17,325.00						\$17,325.00	\$24,205.41	-\$6,880.41	140%	Completed
87 Pamandl Rd 0-1.5km	WM	0010-1105-0000	\$45,000.00						\$45,000.00	\$38,288.87	\$6,711.13	85%	Completed awaiting final invoices
88 Settlers Rd 3-3.5km	WM	0010-1106-0000	\$27,000.00						\$27,000.00	\$26,541.54	\$458.46	98%	Completed
89 Litchfields Ln 1.5-3km	WM	0010-1107-0000	\$37,500.00						\$37,500.00	\$33,368.90	\$4,131.10	89%	Completed
90 Rural roads resheeting	WM	N/A	\$0.00						\$0.00	\$0.00	\$0.00	0%	
91 Euratha Rd 1.4-4.35km	WM	0012-1018-0000	\$88,500.00						\$88,500.00	\$0.00	\$88,500.00	0%	Commences and complete in April 2019
92 McKinnons Rd 0.8-1.5km	WM	0012-1019-0000	\$11,755.00				\$4,611.24		\$11,755.00	\$8,457.93	\$3,297.07	72%	Commences and complete in April 2019
93 Orans Rd 0-1.43km	WM	0012-1020-0000	\$25,025.00						\$25,025.00	\$29,632.55	-\$4,607.55	118%	Commences and complete in April 2019
94 Old Wagga Rd 9.7-10.5km	WM	0012-1021-0000	\$43,200.00						\$43,200.00	\$22,264.51	\$20,935.49	52%	Completed awaiting invoices
95 Buckinbong Rd 13.86-16.24km	WM	0012-1022-0000	\$128,520.00						\$128,520.00	\$64,452.38	\$64,067.62	50%	Completed
96 Rural Roads Reseals	WM	0002-1000-0000	\$143,000.00						\$143,000.00	\$0.00	\$143,000.00	0%	Reseal work to be carried out during February to April 2019
97 Flood Damage Repairs	WM	0004-0003-0000	\$1,792,900.00						\$1,792,900.00	\$289,581.97	\$1,503,318.03	16%	Work progressing. To be completed in June 2019
98 Roads to Recovery (R2R proposed to expend in Urban Area) Grant (Roads to R)	WM	N/A	\$233,120.00						\$233,120.00	\$0.00	\$233,120.00	0%	
99 Roads to Recovery (R2R proposed to expend on Rural Area) Grant (Roads to R)	WM	N/A	\$626,820.00	\$25,522.00	\$256,236.00				\$908,578.00	\$0.00	\$908,578.00	0%	Budget Placeholder for all Roads to Recovery jobs. See job cost items below for details
100 Hulmes Road	WM	0014-1079-0000	\$0.00						\$0.00	\$26,390.32	\$23,609.68	#DIV/0!	
101 Urban Roads reseal from R2R	WM	0014-1100-0000	\$0.00						\$0.00	\$0.00	\$63,753.00	#DIV/0!	In Nov Council meeting, this budget is recommended to utilise as co-contribution for HVSP
102 Mejum Rd 0-1.56km	WM	0014-1106-0000	\$0.00						\$0.00	\$0.01	\$38,999.99	#DIV/0!	Scheduled for March/April 2019
103 Willows Rd 3.5-4.5km	WM	0014-1108-0000	\$0.00						\$0.00	\$40,842.35	\$1,157.65	#DIV/0!	Works Completed
104 Bullock Tank Rd 12.19-13.19km	WM	0014-1111-0000	\$0.00						\$0.00	\$0.00	\$30,000.00	#DIV/0!	Scheduled for April/May 2019
105 Males Ln 1.4-1.75km	WM	0014-1112-0000	\$0.00						\$0.00	\$0.00	\$6,575.00	#DIV/0!	Scheduled for May 2019
106 Kennys Rd 0-1.7km	WM	0014-1113-0000	\$0.00						\$0.00	\$361.85	\$41,288.15	#DIV/0!	Scheduled for March 2019
107 Ellis Rd 0-2.5km	WM	0014-1115-0000	\$0.00				\$1,205.03		\$0.00	\$563.04	\$61,936.96	#DIV/0!	Scheduled for March 2019
108 Old Wagga Rd 27.49-29.49km	WM	0014-1076-0000	\$0.00						\$0.00	\$47,808.55	-\$47,808.55	#DIV/0!	Completed. Carry Over from 17/18 - See line 90 for budget
109 Old Wagga Rd 21.00-21.81	WM	0014-1077-0000	\$0.00						\$0.00	\$45,075.93	-\$45,075.93	#DIV/0!	Completed. Carry Over from 17/18 - See line 90 for budget
110 Old Wagga Rd 9.11-10.10	WM	0014-1078-0000	\$0.00						\$0.00	\$69,199.42	-\$69,199.42	#DIV/0!	Completed. Carry Over from 17/18 - See line 90 for budget
111 Devins Bridge Rd 10.45-13.05km	WM	0014-1101-0000	\$0.00						\$0.00	\$80,011.09	-\$80,011.09	#DIV/0!	Completed
112 The Gap Rd 0-1km	WM	0014-1102-0000	\$0.00						\$0.00	\$54,140.15	-\$54,140.15	#DIV/0!	Completed
113 Brewarrana Ln 6.15-8.15km	WM	0014-1103-0000	\$0.00						\$0.00	\$33,422.85	\$1,577.15	#DIV/0!	Completed awaiting final invoices
114 Centenary Rd 7.11-9.12km	WM	0014-1104-0000	\$0.00						\$0.00	\$56,181.87	-\$56,181.87	#DIV/0!	Completed
115 Jolleys Rd 8.76-10.42km	WM	0014-1105-0000	\$0.00						\$0.00	\$25,119.19	\$3,930.81	#DIV/0!	Completed
116 Gawnies Rd 12-12.3km	WM	0014-1107-0000	\$0.00						\$0.00	\$8,393.37	-\$831.37	#DIV/0!	Completed
117 Landervale Rd 2-3.5km	WM	0014-1109-0000	\$0.00						\$0.00	\$37,464.74	\$25,535.26	#DIV/0!	Completed
118 Flaynters siding Rd 4.8-6.06km	WM	0014-1110-0000	\$0.00						\$0.00	\$44,872.16	-\$13,372.16	#DIV/0!	Completed
119 Williams Rd 0-1.5km	WM	0014-1114-0000	\$0.00						\$0.00	\$42,658.81	\$2,341.19	#DIV/0!	Completed
120 Birrego Rd 0-0.4km	WM	0014-1116-0000	\$0.00						\$0.00	\$13,051.42	-\$1,051.42	#DIV/0!	Completed
121 Irons Rd 0-2.8km	WM	0014-1117-0000	\$0.00						\$0.00	\$135,877.57	-\$47,677.57	#DIV/0!	Completed
122 Settlement Rd 0-0.8km	WM	0014-1118-0000	\$0.00						\$0.00	\$22,361.84	-\$22,361.84	#DIV/0!	Completed
123 Walkers Rd 1.5-2.5km	WM	0014-1119-0000	\$0.00						\$0.00	\$19,475.82	-\$1,975.82	#DIV/0!	Completed
124 Semmlers Rd 0-2km	WM	0014-1120-0000	\$0.00						\$0.00	\$52,699.06	\$7,300.94	#DIV/0!	Completed
125 Lismoye Rd 3.31-4.71km	WM	0014-1121-0000	\$0.00				\$484.41		\$0.00	\$82,462.55	-\$19,462.55	#DIV/0!	Completed awaiting final invoices
126 Regional Roads Capital Works (Capital Component of Block Grant)	WM	0013-0000-0000	\$254,000.00						\$254,000.00	\$0.00	\$254,000.00	0%	Reseal work to be carried out during February to April 2019
127 Repair Grant (with 50 % contribution from Block Grant)	WM	0015-0001-0000	\$166,000.00						\$166,000.00	\$7,854.89	\$158,145.11	5%	REPAIR grant application is made. Project scheduled to start in May. (Not to start before early May)
128 Railway Bridge Structural Assessment	DGMI	0030-1008-0000	\$0.00	\$18,050.00					\$18,050.00	\$13,150.00	\$4,900.00	73%	Concept plans developed for consultation with Department of Planning & Environment/Heritage (DEH). Project forms part of Environment Tourism Grant fund.

66.66 % of year elapsed

KEY OPERATIONAL & CAPITAL WORKS EXPENSES 2018-19 - As at 28/02/19

Project	Resp.	Job Number	Capital Projects				Unrealised Grants		YTD	Balance	%	Comments
			Proposed	Carryover	Sept	Dec	Commitments	Budget				
											66.66 % of year elapsed	
L29 Narrandera Truck Wash	MPA	0030-1009-0000	\$590,000.00	\$12,266.00		\$35,000.00	\$12,865.00	\$637,266.00	\$17,046.97	\$620,219.03	3%	Detailed design well underway including concrete design of slab and silt pits, extension of power supply to the site and storage dam. Quotes about to be called for the oil separation system.
L30 PAMP - (Active Transport - 50/50 KMS Funding) - Twynam St	MPA	0030-1012-0000	\$16,000.00					\$16,000.00	\$1,592.37	\$14,407.63	10%	RMS approved subject to final design. Works to commence April
L31 Footpath - Elwin Street	MPA	0030-1016-0000	\$25,000.00					\$25,000.00	\$1,532.65	\$23,467.35	6%	Funds reallocated from Shared Cycleway CR 18/170
L32 Footpath - Audley Street	MPA	0030-1015-0000	\$22,000.00					\$22,000.00	\$15,892.00	\$108.00	99%	Completed
L33 Barellan Community Hall Building Works	WM	8300-1001-0000	\$27,950.00				\$1,056.40	\$27,950.00	\$8,744.83	\$19,205.17	31%	Main entrance, exit door complete; septic tank upgrade and gutter clean to be finalised.
L34 Grong Grong Community Hall Building Works	WM	8300-1002-0000	\$9,000.00				\$94.23	\$9,000.00	\$41,064.95	-\$32,064.95	456%	Work mostly complete; replacement of 2 exit doors and repairs to men's toilet yet to be completed
L35 Railway Station Building Works	WM	8300-1003-0000	\$1,750.00				\$1,746.36	\$1,750.00	\$52.80	\$1,697.20	3%	Security cameras (2) have been ordered
L36 Red Hill Signage	EDM	8500-1001-0000	\$0.00	\$5,000.00				\$6,000.00	\$0.00	\$6,000.00	0%	Flagpoles are being fabricated. New billboard has been installed.
L37 Arts Centre Building Works	WM	8650-1001-0000	\$5,000.00					\$5,000.00	\$303.91	\$4,696.09	6%	Investigate roof space for repair of rafters
L38 NRMA Charging Station	EDM	8600-1002-0000				\$5,000.00		\$5,000.00	\$1,122.37	\$3,877.63	22%	Completed
L39 Gateway/Entrance signs	EDM	8700-1003-0000	\$30,000.00	\$68,261.00	-\$38,000.00		\$1,161.44	\$60,261.00	\$21,904.03	\$38,356.97	36%	Shire boundary signs completed and installed.
L40 Visitor Information Centre Building Works	WM	8700-1004-0000	\$7,500.00				\$2,090.91	\$7,500.00	\$4,122.02	\$3,377.98	53%	Completed
L41 Lake Talbot Tourist Park fire service upgrades details required	MPA	8900-1005-0000	\$100,000.00					\$100,000.00	\$0.00	\$100,000.00	0%	Programmed for second half of financial year
L42 Building renewal and upgrades	WM	9300-1004-0000	\$88,660.00					\$88,660.00	\$0.00	\$88,660.00	0%	In the process of project schedule development
L43 Upgrading Twynam Street Shops details required	DGMI	9300-1005-0000	\$40,000.00					\$40,000.00	\$0.00	\$40,000.00	0%	Heads of agreement between Council and Service NSW being has been signed off. Now finalising quotes for internal works.
L44 Provision of offstreet chambers staff parking	WM	9300-1008-0000	\$58,000.00				-\$58,000.00	\$0.00	\$0.00	\$0.00	#DIV/0!	Cancelled funds moved to BBQs in QBRs
L45 Airport Cottage Building Works	WM	9300-1007-0000	\$17,000.00				\$2,295.73	\$17,000.00	\$13,795.06	\$3,204.94	81%	Carpet replacement; painting exterior paint work; new kitchen cupboards completed; improve plumbing requires further investigation
L46 16 Kiesing Drive Building Works	WM	9300-1009-0000	\$10,250.00					\$10,250.00	\$932.56	\$9,317.44	9%	Control system for irrigation; new clothes line; pergola at back of house with steel frame and sheets
L47 Mandelay Road Building Works	WM	9300-1008-0000	\$13,100.00					\$13,100.00	\$6,718.89	\$6,381.11	51%	Completed
L48 Airport Provision of emergency generator	TAE	9400-1005-0000	\$5,000.00					\$5,000.00	\$0.00	\$5,000.00	0%	Completion targeted for March 2019.
L49 Airport Airside Improvements incl. flood gate repairs	TAE	9400-1006-0000	\$15,000.00				\$9,358.52	\$15,000.00	\$5,706.06	\$9,293.94	38%	Completion targeted for March 2019.
L50 Airport Terminal building CCTV security upgrade	TAE	9400-1007-0000	\$15,000.00				\$14,290.51	\$15,000.00	\$0.00	\$15,000.00	0%	Order issued works commenced 4th March completion targeted for March 2019.
L51 Airport Provision of apron flood lighting	TAE	9400-1008-0000	\$15,000.00					\$15,000.00	\$0.00	\$15,000.00	0%	Scope of Works being prepared completion targeted for May 2019.
L52 Airport Terminal Building Works	WM	9400-1009-0000	\$11,000.00				\$2,398.00	\$11,000.00	\$5,152.64	\$5,847.36	47%	Work has commenced completion targeted for April 2019.
L53 Airport Airside Beautification	TAE	9400-1004-0000	\$0.00	\$7,406.00			\$1,825.00	\$7,406.00	\$5,482.51	\$1,923.49	74%	Ongoing through the year as required.
L54 Light Vehicles	PWM	9500-1001-0000	\$404,394.00					\$404,394.00	\$68,137.55	\$336,256.45	17%	Plant replacement schedule completed. Procurement underway.
L55 Trucks & Trailers	PWM	9500-1001-0002	\$757,250.00					\$757,250.00	\$68,137.55	\$689,112.45	9%	Plant replacement schedule completed. Procurement underway.
L56 Heavy Plant	PWM	9500-1002-0000	\$274,900.00					\$274,900.00	\$0.00	\$274,900.00	0%	Plant replacement schedule completed. Procurement to commence.
L57 Other Plant Cap Expenses	PWM	9500-1003-0000	\$20,000.00				\$4,000.00	\$20,000.00	\$5,726.36	\$14,273.64	29%	Plant replacement schedule completed. Procurement underway.
L58 Water Main Replacements	WSE	2900-1001-0000	\$250,000.00	\$127,094.00			\$21,170.75	\$377,094.00	\$201,185.62	\$175,908.38	53%	Program to include: Riverine St, Argyle St, Whitton St, Mitchell St, Dalgetty St, King St. Riverine St and Argyle St complete. Mitchell Street to begin in April.
L59 Hydrant and Valve replacements	WSE	2900-1004-0000	\$50,000.00				\$4,098.18	\$50,000.00	\$27,146.20	\$22,853.80	54%	Schedule developed possibly 9 hydrants and 9 stop valves to be replaced. Onsite investigation scoping underway. Construction work underway.
L60 SCADA and Instrumentation upgrades (online chlorine analysers)	WSE	2900-1005-0000	\$50,000.00					\$50,000.00	\$549.04	\$49,450.96	1%	Replacement of radio telemetry with wireless internet and purchase of chlorine analyser. Procurement underway. Project is to be completed over two years.
L61 Additional Taggle (recycled water, Gillenbah, east st) and Meter management software (m/water)	WSE	2900-1006-0000	\$17,500.00				\$13,636.36	\$17,500.00	\$0.00	\$17,500.00	0%	Order for additional taggles was placed in last financial year. Goldenfields to deliver required works including taggle replacement and data updates.
L62 Emergency response equipment incl. pump and lighting	WSE	2900-1008-0000	\$25,000.00				\$9,516.36	\$25,000.00	\$14,385.73	\$10,614.27	58%	Emergency equipment trailer, signs, pump, lighting all ordered. Awaiting delivery.
L63 Main Street Water Main replacement	WSE	2900-1009-0000	\$300,000.00					\$300,000.00	\$11,575.16	\$288,424.84	4%	Water main replacement Bolton St in conjunction with Bolton St upgrade works. Scheduled to begin in March 2019.
L64 Services Replacements	WSE	2900-1011-0000	\$50,000.00				\$4,489.00	\$50,000.00	\$60,370.55	-\$10,370.55	121%	Household service replacements as needed.
L65 IWCM Study - (50/50 funding)	WSE	2900-1016-0000	\$0.00	\$49,213.00				\$49,213.00	\$43,721.00	\$5,492.00	89%	Project reference group meeting undertaken development of options paper has commenced 50% complete.
L66 Flow meters on all inlet and outlets Reservoirs	WSE	2900-1022-0000	\$95,000.00					\$95,000.00	\$12,544.41	\$82,455.59	13%	Investigation about the possible location of the flow meters done. Flowmeters will be procured within March.
L67 Aerator gas scrubbing	WSE	2900-1027-0000	\$20,000.00					\$20,000.00	\$0.00	\$20,000.00	0%	Air quality testing to be undertaken in April.
L68 Network Design and Planning review (reservoirs and zoning)	WSE	2900-1028-0000	\$25,000.00					\$25,000.00	\$40.64	\$24,959.36	0%	To begin once Hydraulic Modelling is complete.
L69 Rising Main Isolation	WSE	2900-1037-0000	\$0.00	\$8,600.00				\$8,600.00	\$6,383.68	\$2,216.32	74%	Project is to disconnect retic system from rising main. 80% Complete.
L70 WTP Filter/Upgrade design	WSE	2900-1038-0000	\$150,000.00	\$11,521.00			\$3,592.07	\$161,521.00	\$31,121.28	\$130,399.72	19%	Being done in conjunction with IWCM plan. EOI under the Safe and Secure Water Programme has been accepted. Detailed application to be made before end of March.
L71 Non Return Valve Bore 4	WSE	2900-1042-0000	\$2,500.00					\$2,500.00	\$0.00	\$2,500.00	0%	To commence May 2019
L72 Bore 3 well head replacement	WSE	2900-1043-0000	\$125,000.00	\$12,065.00			\$3,881.11	\$137,065.00	\$29,285.15	\$107,779.85	21%	Design complete. Works 90% completed.
L73 North Zone Pressure Pump - low pressure issues	WSE	2900-1051-0000	\$45,000.00					\$45,000.00	\$88.34	\$44,911.66	0%	Hydraulic modelling will inform pump size, pumps to be replaced once hydraulic modelling is complete.
L74 Low Level Chlorinator	WSE	2900-1052-0000	\$50,000.00	\$46,108.00			\$69,370.00	\$96,108.00	\$2,020.00	\$94,088.00	2%	Complete subject to commission.
L75 Pine Hill Pumps replacement	WSE	2900-1054-0000	\$25,000.00				\$1,117.24	\$25,000.00	\$29,644.57	-\$4,644.57	119%	Pump installed awaiting delivery of pump controller 90% complete
L76 Duplicate Rising Main from Plant	WSE	2900-1015-0000	\$0.00			\$90,543.54		\$90,543.54	\$109,266.97	-\$18,723.43	121%	Completed
L77 Pine Hill Reserve Vermin Proofing	WSE	2900-1048-0000	\$0.00	\$8,265.00			\$600.00	\$8,265.00	\$6,563.07	\$1,701.93	79%	Completed
L78 Investigate P51 Cracking	WSE	3900-1010-0000	\$0.00	\$6,731.00				\$6,731.00	\$0.00	\$6,731.00	0%	Awaiting cleaning of the SPS for structural inspection.
L79 Primary filter - EPA	WSE	3900-1016-0000	\$120,000.00					\$120,000.00	\$0.00	\$120,000.00	0%	Effluent inlet quality still being monitored
L80 Manhole Replacements	WSE	3900-1021-0000	\$25,000.00				\$467.10	\$25,000.00	\$6,765.37	\$18,234.63	27%	As needed.
L81 Sewer Service Replacements	WSE	3900-1022-0000	\$25,000.00				\$2,181.82	\$25,000.00	\$12,770.57	\$12,229.43	51%	As needed.
L82 Sewer Main Replacements	WSE	3900-1023-0000	\$25,000.00					\$25,000.00	\$3,318.35	\$21,681.65	13%	As needed. Investigate replacement of Larmer St line.
L83 Elwin Street Main Replacement	WSE	3900-1024-0000	\$15,000.00					\$15,000.00	\$104.85	\$14,895.15	1%	Design complete. To be scheduled for later in the financial year.
L84 Flow meters for Pump Stations 2, 3, 4	WSE	3900-1025-0000	\$40,000.00				\$1,090.91	\$40,000.00	\$3,805.67	\$36,194.33	10%	Investigation about the possible location of the flow meters done. Flowmeters will be procured within March.
L85 SPS1 Emergency Bypass Pump	WSE	3900-1026-0000	\$30,000.00					\$30,000.00	\$4,543.59	\$25,456.41	15%	Investigation about the possible location of the flow meters done. Flowmeters will be procured within March.
L86 Maturation Pond Spillway Repair	WSE	3900-1027-0000	\$20,000.00					\$20,000.00	\$1,854.46	\$18,145.54	9%	Completed awaiting final invoices

KEY OPERATIONAL & CAPITAL WORKS EXPENSES 2018-19 - As at 28/02/19

Project	Resp.	Job Number	Proposed	Capital Projects				Unrealised Grants			Comments	
				Cancelled	Carryover	Sept	Dec	Commitments	Budget	YTD		Balance
				Projects Not Capitalised				Key Operational			66.66 % of year elapsed	
				Cancelled				Complete				
Project	Resp.	Job Number	Proposed	Carryover	Sept	Dec	Commitments	Budget	YTD	Balance	%	Comments
187 Stage 2 of AMS implementation - Road condition survey	MPA	0030-1010-0000	\$101,720.00					\$101,720.00	\$379.69	\$101,340.31	0%	Data migration and road pavement management system. To commence in May. This will be completed after June as part of the grant requirements. Quote received was \$800. Remaining funds will be used for any additional work with the drought community projects.
188 Drought Community Funding - Auditing Requirements	MPA	0300-1035-0000	\$0.00			\$9,881.00		\$9,881.00	\$0.00	\$9,881.00	0%	
189 Lake Talbot deepening project.	OSR	0600-1007-0000	\$30,000.00					\$30,000.00	\$0.00	\$30,000.00	0%	EOI has been developed for advertising
190 Borellan Cemetery Bins	OSR	0800-1007-0000	\$2,000.00					\$2,000.00	\$1,531.25	\$468.75	77%	Bin arrived and will be installed in March
191 Lake Talbot Pool - Allowance for Emergency Works	MPA	7800-1008-0000	\$12,000.00					\$12,000.00	\$0.00	\$12,000.00	0%	No emergency works have been required to date.
192 Borellan Pool - Allowance for emergency works	MPA	7900-1004-0000	\$2,500.00					\$2,500.00	\$0.00	\$2,500.00	0%	No emergency works have been required to date.
193 Backflow prevention register	WSE	2900-1023-0000	\$15,000.00					\$15,000.00	\$0.00	\$15,000.00	0%	Scheduled for April 2019
194 Reservoir cleaning and structural assessment	WSE	2900-1024-0000	\$30,000.00					\$30,000.00	\$12,020.38	\$17,979.62	40%	Specifications of the structural assessment being finalised. Vermin proofing completed.
195 Data entry and document control system	WSE	2900-1025-0000	\$25,000.00				\$573.19	\$25,000.00	\$15,767.06	\$9,232.94	63%	System developed and being implemented.
196 Network Hydraulic Modelling Software	WSE	2900-1007-0000	\$35,000.00	\$30,000.00			\$10,880.00	\$65,000.00	\$26,594.00	\$38,406.00	41%	Model 95% complete. Due to be finished in March
197 Asset Management Data Migration	WSE	2900-1026-0000	\$40,500.00				\$20,625.00	\$40,500.00	\$19,200.39	\$21,299.61	47%	Data submitted to Pitney Bowes. Liaising with them to clean data as per software requirement
198 Visitor Centre Redevelopment	EDM	8700-1001-0000	\$1,247,000.00	\$3,490.00		-\$1,250,490.00		\$0.00	\$6,885.00	-\$6,885.00	#DIV/0!	Funding applications have been made through the Building Better Regions fund and Regional Environment Tourism fund
199 NBCMP	MPA	0006-1017-0000	\$535,564.00				\$3,065.92	\$535,564.00	\$1,280.07	\$534,283.93	0%	Council staff currently preparing project plan for the construction of Bolton St, from Cadell St to East S. Meeting with electrical designer for street light and electrical design
200 Borellan Pool - Shade Structure South Side Infants Pool	MPA	7900-1006-0000	\$9,000.00					\$9,000.00	\$0.02	\$8,999.98	0%	Borellan Swim club received grant funding. Procurement underway with construction planned in April when pool closes.
201 Shared Cycleway (Active Transport - 50/50 RMS Funding) MBP	MPA	0030-1011-0000	\$25,000.00		-\$25,000.00			\$0.00	\$0.00	\$0.00	#DIV/0!	Cancelled - RMS shared funding not provided - Council Funding to be reallocated to Elwin street Footpath Project as part of Quarterly Review
202 Replace AFL Community Club Rooms	OSR	0200-1012-0000	\$1,780,000.00					\$1,780,000.00	\$0.00	\$1,780,000.00	0%	Unsuccessful. Tab to be Adjusted in QBR.
203 PAMP - (Active Transport - 100% RMS Funding) -	MPA	0030-1013-0000	\$119,432.00					\$0.00	\$0.00	\$0.00	#DIV/0!	Funding not received - Cancelled
204 Marie Bashir Park - Repair and reinforce current seating.	OSR	0200-1015-0000	\$0.00					\$0.00	\$0.00	\$0.00	#DIV/0!	Cancelled - Project budget to cover BBQ area overruns at line 43 - fix the transfer in the next capital works report
205 Urban Roads Maintenance	WM	0001-0001-0000	\$730,250.00				\$4,134.89	\$730,250.00	\$453,969.08	\$276,280.92	62%	Ongoing works
206 Sealed Rural Roads Maintenance	WM	0002-0001-0000	\$294,350.00				\$5,007.03	\$294,350.00	\$291,600.73	\$2,749.27	99%	Ongoing works
207 Rural Unsealed Roads Expenses	WM	0003-0001-0000	\$827,200.00				\$14,022.50	\$827,200.00	\$524,101.89	\$303,098.11	63%	Ongoing works
208 Regional Roads (M&R Grant)	WM	0005-0000-0000	\$207,000.00					\$207,000.00	\$68,815.64	\$138,184.36	33%	Ongoing Works
209 State Road Contract Works RMCC	WM	0004-0002-0000	\$165,000.00				\$4,113.45	\$165,000.00	\$87,077.92	\$77,922.08	53%	Ongoing Works
210 Ordered Works Expenses - MR 80	WM	0004-0005-0000	\$80,000.00					\$80,000.00	\$1,308.48	\$78,691.52	2%	In consultation with RMS in project development - tentative start during May
211 Ordered Works Expenses - MR 84	WM	0004-0006-0000	\$80,000.00				\$4,181.82	\$80,000.00	\$100,774.00	-\$20,774.00	126%	First round of heavy patching completed. Additional works agreed/approved by RMS
212 The Voice Project	HR	4500-0030-0000	\$0.00	\$7,280.00				\$7,280.00	\$5,170.00	\$2,110.00	71%	Completed - Job Closed
213 John O'Brien Festival	EDM	8750-0126-0000	\$0.00	\$9,583.00	\$9,500.00		\$12.68	\$19,083.00	\$5,904.54	\$13,178.46	31%	Fund Allocation approved at October council meeting C-18/225
214 Branding Strategy	EDM	8750-0127-0000	\$0.00	\$10,420.00				\$10,420.00	\$369.79	\$10,050.21	4%	Ongoing
215 Boreis Expenses	WSE	2300-0001-0000	\$55,500.00					\$33,000.00	\$24,542.51	\$8,457.49	74%	On-going Operating Costs
216 Pump Station Expenses	WSE	2300-0002-0000	\$52,500.00					\$75,000.00	\$63,059.30	\$11,940.70	84%	On-going Operating Costs
217 Mains Expenses	WSE	2100-0003-0000	\$275,000.00					\$5,059.22	\$275,000.00	\$157,781.86	57%	On-going Operating Costs
218 Recycled Water	WSE	2200-0004-0000	\$52,500.00				\$233.64	\$52,500.00	\$5,236.48	\$47,263.52	10%	On-going Operating Costs
219 Reservoirs Expenses	WSE	2400-0005-0000	\$56,500.00					\$54,000.00	\$13,579.70	\$40,420.30	25%	On-going Operating Costs
220 Water Supply Licence	WSE	2000-0032-0000	\$30,000.00					\$30,000.00	\$17,433.39	\$12,566.61	58%	Water Licence costs
221 Service Renewals	WSE	2200-0031-0000	\$0.00					\$0.00	\$0.00	-\$0.00	#DIV/0!	Misallocation - Will be moved to capital job in the next payroll run
222 Chlorine & Chemicals Expenses	WSE	2700-0033-0000	\$20,000.00				\$5,219.87	\$20,000.00	\$15,511.01	\$4,488.99	78%	On-going Operating Costs
223 Meter Reading Expenses	WSE	2000-0014-0000	\$4,500.00				\$2,500.00	\$7,000.00	\$7,118.75	-\$118.75	102%	On-going Operating Costs
224 Telemetry System Maintenance	WSE	2000-0040-0000	\$6,500.00				\$4,545.45	\$6,500.00	\$4,647.50	\$1,852.50	72%	On-going Operating Costs
225 Pump Stations Electricity Expenses	WSE	2300-0023-0000	\$215,000.00					\$215,000.00	\$210,748.55	\$4,251.45	98%	On-going Operating Costs
226 Pump Station Expenses	WSE	3200-0002-0000	\$55,000.00					\$52,500.00	\$47,294.09	\$5,205.91	90%	On-going Operating Costs
227 Mains Expenses	WSE	3100-0003-0000	\$132,000.00					\$10,000.00	\$5,101.58	\$142,000.00	63%	On-going Operating Costs
228 Treatment Works Expenses	WSE	3400-0006-0000	\$210,000.00					\$5,000.00	\$7,659.38	\$205,000.00	65%	On-going Operating Costs
229 Telemetry System Maintenance	WSE	3000-0040-0000	\$5,000.00					\$2,500.00	\$27.30	\$2,472.70	1%	On-going Operating Costs

Capital Expenditure as at 28 February 2019

Row Labels	Sum of Proposed Budget	Sum of Carryover	Sum of Sept	Sum of Dec	Sum of Commitments	Sum of Budget	Sum of YTD Expenditure	Sum of Balance
<b>Administration</b>								
Information Technology	\$ 255,000.00	\$ 41,367.00		\$ -	\$ 16,690.50	\$ 296,367.00	\$ 64,971.54	\$ 231,395.46
Infrastructure	\$ -	\$ 2,484.00			\$ 2,264.49	\$ 2,484.00	\$ -	\$ 2,484.00
<b>Public Order &amp; Safety</b>								
Street Cameras	\$ 11,000.00	\$ 10,000.00				\$ 21,000.00	\$ 14,809.42	\$ 6,190.58
<b>Environment</b>								
Narrandera Landfill	\$ 45,000.00				\$ 2,613.75	\$ 45,000.00	\$ 19,954.31	\$ 25,045.69
Stormwater	\$ 312,000.00	\$ 66,355.00	\$ 33,541.00		\$ 9,066.43	\$ 411,896.00	\$ 88,885.15	\$ 323,010.85
<b>Housing &amp; Community Amenities</b>								
Barellan Cemetery	\$ 24,000.00					\$ 24,000.00	\$ 7,838.00	\$ 16,162.00
Grong Grong Cemetery	\$ 2,000.00					\$ 2,000.00	\$ 1,531.25	\$ 468.75
Narrandera Cemetery	\$ 128,000.00					\$ 128,000.00	\$ 4,593.75	\$ 123,406.25
<b>Recreation &amp; Culture</b>								
Barellan Park	\$ 15,000.00			\$ 11,822.00		\$ 26,822.00	\$ 7,212.75	\$ 19,609.25
Barellan Pool	\$ 8,500.00					\$ 8,500.00	\$ 4,702.59	\$ 3,797.41
Barellan Sportsground	\$ 102,000.00	\$ 395,136.00			\$ 229,351.48	\$ 497,136.00	\$ 207,696.40	\$ 289,439.60
Buildings	\$ -			\$ 120,053.00		\$ 120,053.00	\$ -	\$ 120,053.00
Economic Development	\$ -			\$ 299,233.00		\$ 299,233.00	\$ -	\$ 299,233.00
Grong Grong Park	\$ 30,000.00					\$ 30,000.00	\$ 162.28	\$ 29,837.72
Lake Talbot Pool	\$ 167,000.00	\$ 116,433.00		\$ 38,275.00	\$ 31,592.66	\$ 321,708.00	\$ 159,187.76	\$ 162,520.24
Lake Talbot Recreation Area	\$ 160,000.00	\$ 46,974.00			\$ 1,436.36	\$ 206,974.00	\$ 45,446.68	\$ 161,527.32
Library	\$ 344,696.00			\$ 100,000.00	\$ 132,215.15	\$ 444,696.00	\$ 73,556.86	\$ 371,139.14
Marie Bashir Park	\$ 50,000.00	\$ 378,530.00		\$ 99,296.87	\$ 93,433.00	\$ 527,826.87	\$ 392,284.46	\$ 135,542.41
Narrandera Cemetery	\$ -			\$ 47,250.00		\$ 47,250.00	\$ -	\$ 47,250.00
Narrandera Memorial Park	\$ 100,000.00			\$ 50,000.00	\$ 37,984.34	\$ 150,000.00	\$ 32,685.40	\$ 117,314.60
Narrandera Sports Stadium	\$ 30,000.00					\$ 30,000.00	\$ 28,059.00	\$ 1,941.00
Narrandera Sportsground	\$ 32,000.00	\$ 128,233.00	\$ 3,290.00	\$ 112,623.00	\$ 345.45	\$ 276,146.00	\$ 151,159.37	\$ 124,986.63
Other Structures	\$ -			\$ 270,144.00		\$ 270,144.00	\$ -	\$ 260,263.00
<b>Transport &amp; Communication</b>								
Ancillary Roadworks	\$ 707,720.00	\$ 30,316.00		\$ 35,000.00	\$ 12,865.00	\$ 773,036.00	\$ 32,169.03	\$ 740,866.97
Flood Damage	\$ 1,792,900.00					\$ 1,792,900.00	\$ 289,581.97	\$ 1,503,318.03
Regional Roads	\$ 420,000.00					\$ 420,000.00	\$ 7,854.89	\$ 412,145.11
Roads to Recovery	\$ 859,940.00	\$ 25,522.00	\$ 256,236.00		\$ 1,689.46	\$ 1,141,698.00	\$ 938,433.96	\$ 1,115,492.04
Rural Roads	\$ 682,000.00				\$ 4,611.24	\$ 682,000.00	\$ 308,997.53	\$ 373,002.47
State Roads	\$ 61,025.00				\$ 12,732.51	\$ 61,025.00	\$ 9,244.66	\$ 51,780.34
Urban Roads	\$ 395,000.00	\$ 12,417.00		-\$ 6,000.00		\$ 401,417.00	\$ 20,548.07	\$ 380,868.93

Capital Expenditure as at 28 February 2019

<b>Economic Affairs</b>																
Airport	\$	50,000.00	\$	7,406.00		\$	25,474.03	\$	57,406.00	\$	11,188.57	\$	46,217.43			
Buildings	\$	335,262.00			-\$	58,000.00	\$	9,681.63	\$	277,262.00	\$	96,341.43	\$	180,920.57		
Economic Development	\$	30,000.00	\$	74,261.00	-\$	38,000.00	\$	5,000.00	\$	1,161.44	\$	71,261.00	\$	23,026.40	\$	48,234.60
Plant	\$	1,456,544.00					\$	4,000.00	\$	1,456,544.00	\$	142,001.46	\$	1,314,542.54		
Tourist Park	\$	100,000.00							\$	100,000.00	\$	-	\$	100,000.00		
<b>Water Supplies</b>																
Water	\$	1,385,000.00	\$	292,866.00			\$	142,884.26	\$	1,677,866.00	\$	640,272.85	\$	1,037,593.15		
<b>Sewer Supplies</b>																
Sewer	\$	300,000.00	\$	6,731.00			\$	3,739.83	\$	306,731.00	\$	33,162.86	\$	273,568.14		
<b>Governance</b>																
Buildings	\$	-	\$	14,919.00					\$	14,919.00	\$	-	\$	14,919.00		
<b>Grand Total</b>	\$	<b>10,391,587.00</b>	\$	<b>1,649,950.00</b>	\$	<b>255,067.00</b>	\$	<b>1,124,696.87</b>	\$	<b>775,833.01</b>	\$	<b>13,421,300.87</b>	\$	<b>3,857,560.65</b>	\$	<b>10,466,087.22</b>



Key Operational as at 28 February 2019

Row Labels	Sum of Proposed Budget	Sum of Carryover	Sum of Sept	Sum of Commitments	Sum of Budget	Sum of YTD Expenditure	Sum of Balance
<b>Economic Affairs</b>							
Economic Development	\$ -	\$ 20,003.00	\$ 9,500.00	\$ 12.68	\$ 29,503.00	\$ 6,274.33	\$ 23,228.67
<b>Transport &amp; Communication</b>							
Ordered Works	\$ 160,000.00			\$ 4,181.82	\$ 160,000.00	\$ 102,082.48	\$ 57,917.52
Regional Roads	\$ 207,000.00				\$ 207,000.00	\$ 68,815.64	\$ 138,184.36
State Roads	\$ 165,000.00			\$ 4,113.45	\$ 165,000.00	\$ 87,077.92	\$ 77,922.08
Urban Roads	\$ 730,250.00			\$ 4,134.89	\$ 730,250.00	\$ 453,969.08	\$ 276,280.92
Sealed Rural Roads	\$ 294,350.00			\$ 5,007.03	\$ 294,350.00	\$ 291,600.73	\$ 2,749.27
Unsealed Rural Roads	\$ 827,200.00			\$ 14,022.50	\$ 827,200.00	\$ 524,101.89	\$ 303,098.11
<b>Water Supplies</b>							
Water	\$ 768,000.00			\$ 15,830.14	\$ 768,000.00	\$ 519,659.05	\$ 248,340.95
<b>Sewer Supplies</b>							
Sewer	\$ 402,000.00			\$ 18,390.54	\$ 402,000.00	\$ 268,974.71	\$ 133,025.29
<b>Human Resources</b>							
Human Resources	\$ -	\$ 7,280.00			\$ 7,280.00	\$ 5,170.00	\$ 2,110.00
<b>Grand Total</b>	\$ 3,553,800.00	\$ 27,283.00	\$ 9,500.00	\$ 65,693.05	\$ 3,590,583.00	\$ 2,327,725.83	\$ 1,262,857.17

**23 STATUTORY AND COMPULSORY REPORTING – OTHER REPORTS**

Nil

**24 CONFIDENTIAL BUSINESS PAPER REPORTS**

Nil