

Alcohol Free Zones Proposal for re-establishment 2019 - 2023

Introduction

The Council has existing Alcohol-Free Zones (AFZs) covering roads, streets and footpaths in the residential and commercial areas of Barooga, Berrigan, Finley and Tocumwal. These expire on 30 June 2019.

The Council is proposing to re-establish these AFZs for a further four year period – to expire on 30 June 2023.

This proposal provides information about the re-establishment of the AFZs and invites you to have your say

Establishment

Chapter 16, Part 2 of the *Local Government Act 1993* allows the Council to create AFZs to manage anti-social behaviour and alcohol-related violence. The principal object of an AFZ is to prevent disorderly behaviour caused by the consumption of alcohol in public areas in order to improve public safety.

AFZs may only include a public road, footpath or a public place that is a carpark (i.e. carparks on public land or Crown land). AFZs do not include private land or public land such as parks, reserves and the like.

An AFZ may be established for a maximum period of four years. Once established, it applies twenty-four hours per day.

Enforcement

The drinking of alcohol is prohibited in an AFZ. AFZs are enforced by the police. Any person observed to be drinking in an AFZ may have the alcohol in their possession immediately seized and tipped out or otherwise disposed of.

The Council may suspend or cancel an AFZ during its period of operation. The council must pass a valid resolution to suspend or cancel a particular AFZ. Such action may be taken as a result of a request received from any person or body, or at the Council's own initiative.

Renewal

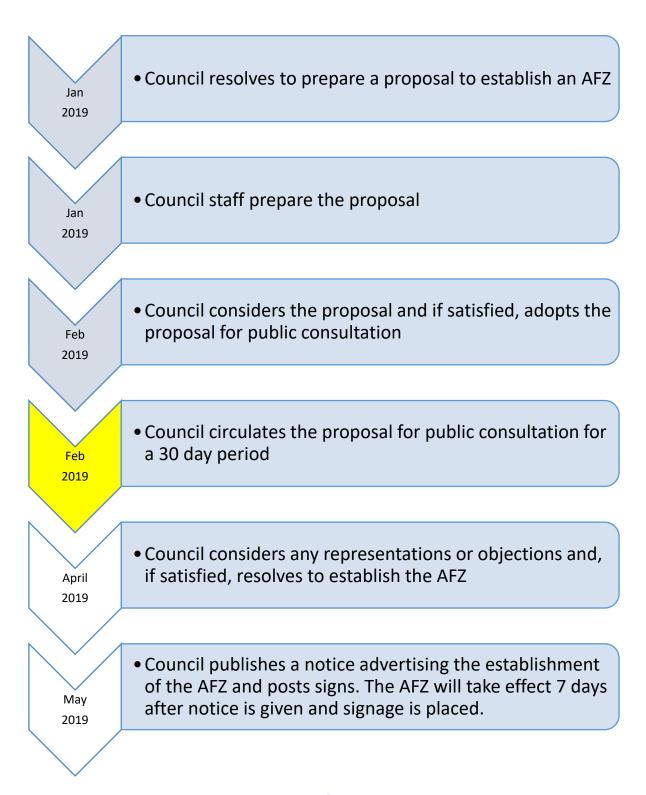
There is no general provision for an AFZ to be extended. However, the roads, footpaths or public carparks comprising a zone may be included in another AFZ of the same or different configuration, immediately following the cessation of the existing zone or at any future time.

All the requirements for the valid establishment of an AFZ apply whether or not any of the roads, footpaths or carparks concerned have previously been zoned as alcohol-free

Process

To establish an AFZ, the Council must follow the requirements of the Act and the Ministerial Guidelines issued pursuant to s646 of the Act.

The process, and the Council's timeframe, is shown below:



Criteria

When re-establishing an AFZ, the Ministerial Guidelines advise that the Council should consider the following evaluation criteria.

Original factors supporting the AFZ

The Council should consider the factors that originally supported the establishment of an AFZ in the area.

In the case of Berrigan Shire, the Council's aim was to provide local police with a tool to manage anti-social behaviour in public. The need for this tool still exists

Success of the AFZ

The Council should consider how successful the previous AFZ was in achieving a reduction in unacceptable street drinking.

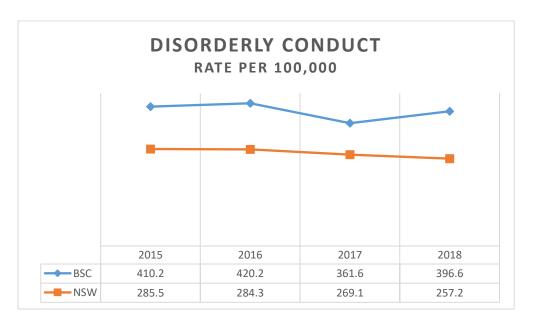
Over the life of the past AFZ, the Council did not receive any complaints from the public requesting action to deal with anti-social behaviour relating to street drinking. Based on this criterion, the establishment of the AFZ has been successful in addressing the issue.

Evidence supporting the AFZ

The Council should consider what police statistics indicate about the value of re-establishing an AFZ.

An analysis using the NSW Crime Tool (http://crimetool.bocsar.nsw.gov.au/bocsar/) looking at incidents of Disorderly Conduct over the past four years is below. Incidents of disorderly conduct remain at levels higher than the NSW average although the trend is steady.

Insofar as these incidents are related to consumption of alcohol, the re-establishment of the AFZ would assist police in managing this problem.



Other measures available

The Council should consider what other measures may need to be considered if unacceptable street drinking is still of concern.

While other measures such as community education may be appropriate, the most useful tool to deal with unacceptable street drinking remains the AFZ. The AFZ may be supplemented with the establishment of Alcohol Prohibited Areas (APA) in parks and other public spaces.

Where specific locations create an issue, the Council will work with local licencees and the police to address the matter.

Safety

The Council should consider if the community's perceptions of safety has improved.

The Council has no direct data to demonstrate the community's perception of safety however there have been no formal complaints received by the Council relating to unacceptable street drinking in the past 12 months.

Local police have not indicated to the Council that there is a significant problem relating to personal safety in Berrigan Shire.

Consultation

As part of the renewal process the Council is required to consult with the community. The consultation process will be in line with the Act, the Ministerial Guidelines and the Council's Community Engagement Framework.

The Community Engagement Framework defines "consult" as "exploring options and preferences"

The consultation process will include:

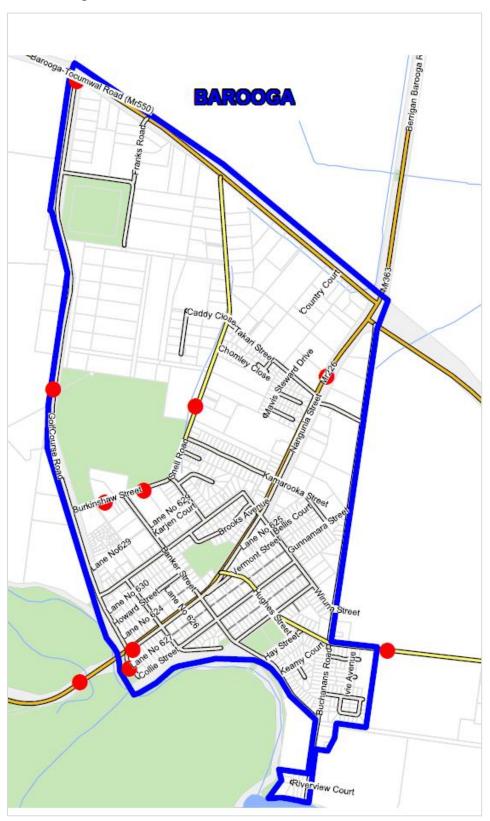
- 1. This proposal will be published on the Council's website on the "On Public Exhibition" page
- 2. Copies of this proposal will be physically held at the Council Administration Office and the Barooga, Finley and Tocumwal libraries.
- 3. Details of the renewal included on the "Bulletin" page reserved by the Council in Southern Riverina News and the Cobram Courier on 27 February 2019. This will include
 - a. Maps of the proposed AFZ areas
 - b. Where to find a copy of this proposal
 - c. How to make a submission
- 4. Written notification of the proposal to
 - a. Murray River Police Area Commander
 - b. Officer-in Charge Barooga Police Station
 - c. Officer-in Charge Berrigan Police Station
 - d. Officer-in Charge Finley Police Station
 - e. Officer-in Charge Tocumwal Police Station
- 5. Written notification of the proposal to all liquor licencees and registered clubs as per the list provided to the Council by the NSW Office of Liquor Gaming and Racing current as at 31 January 2019.
- 6. Details of the renewal, including a link to the proposal hosted on the Council's website, will be shared on the Council's social media platforms Facebook, Twitter and Instagram throughout the submission period.

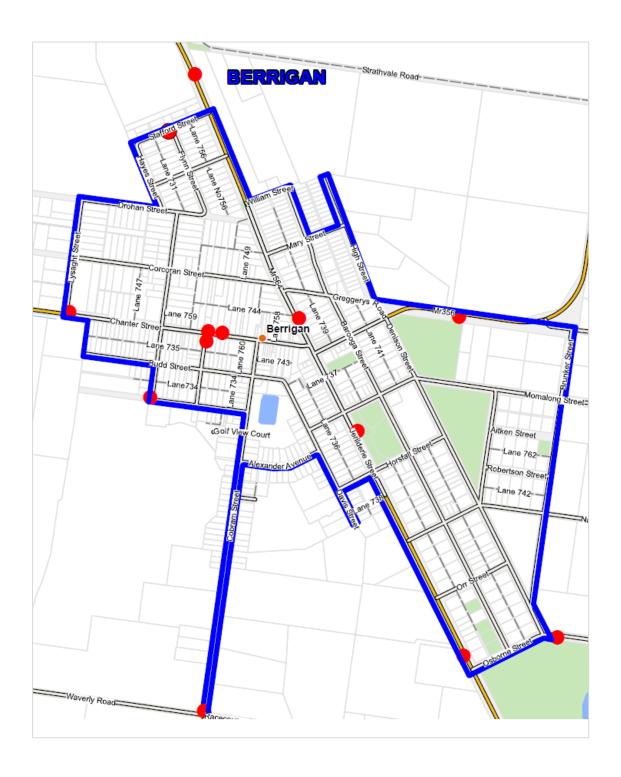
Submissions will close at 5:00pm, Friday 29 March 2019.

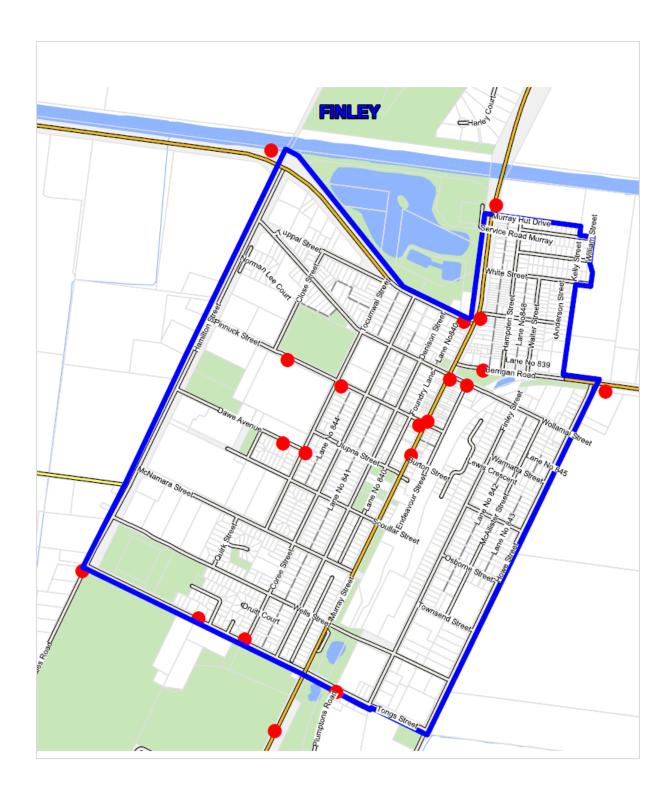
The Council will consider the proposal, along with all submissions received, at its ordinary meeting on **17 April 2019**

Maps

The maps below show the proposed AFZ. The AFZs include <u>all</u> roads, footpaths and public carparks inside the blue border. Red dots indicate a sign marking the AFZ. Where a border is shown along a road, the AFZ includes the entire width of the road reserve.









DRAFT CAPITAL WORKS PLAN SUMMARY 2019-20

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CEMETERIES Total (55,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000) - (5,000)		CEMETERIES							
COMMUNITY AMENITES COMMUNITY AMENIT - 1,000,000		CEMETERIES EXPI	ENDI [*] (55,000)	-	-	(5,000)	-	(5,000)	-
COMMUNITY AMENITE Total		CEMETERIES Total	(55,000)	-	-	(5,000)	-	(5,000)	-
COMMUNITY AMENTIES Total		COMMUNITY AMENITIES							
CORPORATE SERVICES DEPOT DEPOT DEPOT DEPOT LEVERDITURE (31,000) DEPOT CORPORATE SERVICES DEPOT Total (31,000) DEPOT CORPORATE SERVICES DOMESTIC WASTE DOMESTIC WASTE EXI (225,000) (79,000) DOMESTIC WASTE TOtal DOMESTIC WASTE TOTAL DOMESTIC WASTE TOTAL (225,000) DRAINAGE DRAINAGE DRAINAGE DRAINAGE DRAINAGE EXPENDITL (222,000) DRAINAGE TOTAL DRAIN		COMMUNITY AM	ENIT -	-	1,000,000	-	-	-	-
CORPORATE SERVICES (50,000) (59,295)		COMMUNITY AMENITIES Total	-	-		-	-	-	-
CORPORATE SERVICES (50,000) (59,295)									
CORPORATE SERVICES CORPORATE SERVICES CORPORATE SERVICES Total CORPORATE SERVICES Total CORPORATE SERVICES Total CORPORATE SERVICES CORPORATE		CORPORATE SERVICES							
CORPORATE SERVICES TOTAL (50,000) (59,295)		CORPORATE SERV	/ICES (50,000)	-	(59,295)	-	-	-	-
DEPOT DEPOT EXPENDITURE (31,000) - - - - - - - - -		CORPORATE SERV	/ICES -	-	-	-	-	-	-
DEPOT TOTAL (31,000) - - - - -		CORPORATE SERVICES Total	(50,000)	-	(59,295)	-	-	-	-
DEPOT Total (31,000) - - - - - - - - -		DEPOT							
DOMESTIC WASTE Carried		DEPOT EXPENDIT	URE (31,000)	-	-	-	-	-	-
DOMESTIC WASTE EXI (225,000) (79,000) (24,000) (15,000) (99,000) (70,000) (84,000)		DEPOT Total	(31,000)	-	-	-	-		-
DOMESTIC WASTE Total (225,000)		DOMESTIC WASTE							
DRAINAGE DRAINAGE EXPENDITL (222,000) (30,000) (77,000) (22,000) (42,000) (15,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000) (35,000)		DOMESTIC WAST	E EXF (225,000)	(79,000)	(24,000)	(15,000)	(99,000)	(70,000)	(84,000)
DRAINAGE EXPENDITL (222,000) (30,000) (77,000) (22,000) (42,000) (15,000) (35,000)		DOMESTIC WASTE Total	(225,000)	(79,000)	(24,000)	(15,000)	(99,000)	(70,000)	(84,000)
DRAINAGE EXPENDITL (222,000) (30,000) (77,000) (22,000) (42,000) (15,000) (35,000)									
DRAINAGE Total (222,000) (30,000) (77,000) (22,000) (42,000) (15,000) (35,000)									
EMERGENCY SERVICES EMERGENCY SERVICES O O O O O O O O O O O O O O O O O O O									
EMERGENCY SERVICES		DRAINAGE Total	(222,000)	(30,000)	(77,000)	(22,000)	(42,000)	(15,000)	(35,000)
HOUSING		EMERGENCY SERVICES							
HOUSING EXPENDITUÍ		EMERGENCY SER	VICES -	-	-	-	-	-	-
HOUSING EXPENDITUI		EMERGENCY SERVICES Total	-	-	-	-	-	-	-
HOUSING Total		HOUSING							
LEVEE BANKS LEVEE BANK EXPENDIT (229,200) (100,000) (100,000) (320,000) (207,360) (50,000) (100,000) LEVEE BANK INCOME 149,200 80,000 80,000 270,000 157,360 30,000 50,000 LEVEE BANKS Total (80,000) (20,000) (20,000) (50,000) (50,000) (50,000) (50,000) LIBRARIES LIBRARIES EXPENDITU (465,000) - (5,000) - - - - - - -		HOUSING EXPEN	DITUI -	-	-	-	-	-	-
LEVEE BANK EXPENDIT (229,200) (100,000) (100,000) (320,000) (207,360) (50,000) (100,000) LEVEE BANKS TOTAI 149,200 80,000 80,000 270,000 157,360 30,000 50,000 LIBRARIES (80,000) (20,000) (20,000) (50,000) (50,000) (50,000) (50,000) LIBRARIES EXPENDITU (465,000) - (5,000) - - - - - - - -		HOUSING Total	-	-	-	-	-	-	-
LEVEE BANK EXPENDIT (229,200) (100,000) (100,000) (320,000) (207,360) (50,000) (100,000) LEVEE BANK INCOME 149,200 80,000 80,000 270,000 157,360 30,000 50,000 LEVEE BANKS Total (80,000) (20,000) (20,000) (50,000) (50,000) (50,000) (50,000) LIBRARIES LIBRARIES EXPENDITU (465,000) - (5,000) - - - - - - -		LEVEE BANKS							
LEVEE BANK INCOME 149,200 80,000 80,000 270,000 157,360 30,000 50,000 LEVEE BANKS Total (80,000) (20,000) (20,000) (50,000) (50,000) (50,000) (50,000) LIBRARIES LIBRARIES EXPENDITU (465,000) - (5,000) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td< td=""><td></td><td></td><td>ENDIT (229,200)</td><td>(100,000)</td><td>(100,000)</td><td>(320,000)</td><td>(207,360)</td><td>(50,000)</td><td>(100,000)</td></td<>			ENDIT (229,200)	(100,000)	(100,000)	(320,000)	(207,360)	(50,000)	(100,000)
LEVEE BANKS Total (80,000) (20,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) (50,000) <td></td> <td></td> <td>• • •</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			• • •						
LIBRARIES EXPENDITU (465,000) - (5,000)									
LIBRARIES EXPENDITU (465,000) - (5,000)		LIBRARIES							
			DITU (465,000)	-	(5,000)	-	-	-	-
		LIBRARIES INCOM	, , ,	-	-	-	-	-	-

			FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	2023-24
Grand Total			(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
	LIBRARIES Total		(15,000)	-	(5,000)	-	-	-	-
	MINOR PLANT	DI ANT DUDGU	(22,000)	(22.000)	(22,000)	(22,000)	(22,000)	(22.000)	(22,000)
	MINOR PLANT Total	R PLANT PURCH	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)
	WIINOR PLANT TOTAL		(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)
	MOTOR VEHICLE								
		R VEHICLE PUR((320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)
		R VEHICLE SALE	130,000	130,000	130,000	130,000	130,000	130,000	130,000
	MOTOR VEHICLE Total		(190,000)	(190,000)	(190,000)	(190,000)	(190,000)	(190,000)	(190,000)
	PUBLIC HALLS								
		C HALLS EXPEND	-	-	(20,000)	-	-	-	-
	PUBLIC HALLS Total		-	-	(20,000)	-	-	-	-
	DUDUIC LIEALTH & CAFETY								
	PUBLIC HEALTH & SAFETY	C HEALTH & SAF							
		C HEALTH & SAF	-	-	(120,000)	-	-	-	-
	PUBLIC HEALTH & SAFETY To		-	<u>.</u>	(120,000)	_	-	_	-
	1 0 5 2 10 11 2 11 10	····			(120,000)				
	PUBLIC WORKS								
		WORKS PLANT	235,000	376,500	376,500	85,000	180,000	75,500	81,000
	PUBLIC	WORKS PLANT	(750,000)	(1,100,000)	(1,100,000)	(472,000)	(620,000)	(246,000)	(30,000)
	PUBLIC	WORKS UTILIT	39,000	39,000	39,000	39,000	39,000	40,000	40,000
		WORKS UTILIT	(68,750)	(68,750)	(68,750)	(68,750)	(68,750)	(70,000)	(70,000)
	PUBLIC WORKS Total		(544,750)	(753,250)	(753,250)	(416,750)	(469,750)	(200,500)	21,000
	RECREATION	0.05005471011	(4.040.000)	/4 44 4 000\	(400, 470)				
		& RECREATION	(1,018,800)	(1,414,000)	(489,478)	-	-	-	-
		& RECREATION ATION RESERVE	943,800 (210,934)	1,414,000	489,478	-	-	-	-
		ATION RESERVE	202,934	<u>-</u>	(757,111) 657,111		-	-	-
		MING POOLS EX	(20,000)	-	(395,355)	-		_	-
		MING POOLS IN	-	-	395,355	-	-	-	-
	RECREATION Total		(103,000)	-	(100,000)	-	-	-	-
	SEWERAGE								
		RAGE EXPENDITI	(760,000)	(825,000)		(1,015,000)	(570,000)	(575,000)	(402,500)
	SEWERAGE Total		(760,000)	(825,000)	(3,325,000)	(1,015,000)	(570,000)	(575,000)	(402,500)
	CHIPE DC 4 DC								
	SHIRE ROADS	ATHE EVDENDE	(224 700)	(05.000)	(100,000)	(00,000)	(05,000)	(20,000)	(00.000)
		PATHS EXPENDIT	(331,700)	(95,000) 25,000	(190,000) 52,500	(88,000)	(95,000) 35,000	(20,000)	(60,000)
	R2R GF		220,500 349,551	625,500	702,000	23,000 702,000	702,000	702,000	702,000
		VORKS EXPENDI	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)
		VORKS INCOME	350,000	350,000	350,000	350,000	350,000	350,000	350,000
		ROADS CONSTI	(2,312,000)	(969,750)	(1,039,750)	(920,000)	(1,250,000)	(985,000)	(1,170,000)

			FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	2023-24
Grand Total			(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
	SHIRE ROADS	RURAL ROADS CONSTI	908,000	-	-	-	-	-	-
		RURAL ROADS SEALED	(84,179)	(197,933)	(333,949)	(336,000)	(404,750)	(482,000)	(1,016,000)
		RURAL ROADS SEALED	-	-	-	-	-	-	-
		RURAL ROADS UNSEAI	(255,000)	(612,000)	(583,000)	(439,000)	(349,000)	(310,000)	(280,000)
		RURAL ROADS UNSEAI	-	-	-	-	-	-	-
		TOWNSCAPE WORKS I	(80,000)	(80,000)	(80,000)	(80,000)	(80,000)	(80,000)	(80,000)
		TOWNSCAPE WORKS I	-	-	-	-	-	-	-
		URBAN ROADS - RESE/	(76,326)	(283,326)	(196,722)	(193,500)	(202,540)	(202,000)	(204,500)
		URBAN ROADS CONST	(178,000)	(230,150)	(139,000)	(109,000)	(97,000)	(49,000)	(120,000)
		URBAN ROADS CONST	-	-	-	-	-	-	-
	SHIRE ROADS Total		(1,839,154)	(1,817,659)	(1,807,921)	(1,440,500)	(1,741,290)	(1,426,000)	(2,228,500)
	TOURISM SERVICES								
		TOURISM SERVICES EX	-	-	-	-	-	-	-
		TOURISM SERVICES IN	-	-	-	-	-	-	-
	TOURISM SERVICES	Total	-	-	-	-	-	-	-
	TOWN PROJECTS								
		KERB & GUTTER EXPE	(72,000)	(170,000)		(75,000)	(59,000)	(63,000)	(152,000)
		KERB & GUTTER INCOI	-	75,000	43,000	37,000	10,000	30,000	63,000
		TOWNSCAPE WORKS I	-	-	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
	TOWN PROJECTS To	tal	(72,000)	(95,000)	(171,000)	(88,000)	(99,000)	(83,000)	(139,000)
	WATER								
		WATER EXPENDITURE	(4,813,000)	(3,299,000)	(3,299,000)	(464,000)	(1,194,000)	(2,639,000)	(379,000)
		WATER INCOME	-	-	1,500,000	-	-	-	-
	WATER Total		(4,813,000)	(3,299,000)	(1,799,000)	(464,000)	(1,194,000)	(2,639,000)	(379,000)
Grand Total			(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
FUND SUMMARY									
	GENERAL FUND		(3,509,904)	(3,067,909)	(2,430,466)	(2,310,250)	(2,774,040)	(2,092,500)	(2,788,500)
	WATER FUND		(4,813,000)	(3,299,000)	(1,799,000)	(464,000)	(1,194,000)	(2,639,000)	(379,000)
	SEWER FUND		(760,000)	(825,000)	(3,325,000)	(1,015,000)	(570,000)	(575,000)	(402,500)
			(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)

DRAFT CAPITAL WORKS PLAN DETAIL 2019-20

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
AERODROME							
AERODROME INCOME							
TOCUMWAL							
From Reserve	75,000	-	-	-	-	-	-
TOCUMWAL Total	75,000	-	-	-	-	-	-
A EDODDOME INCOME TO A	75.000						
AERODROME INCOME Total	75,000	-	-	-	-	-	-
AERODROME EXPENDITURE							
TOCUMWAL							
Runway 18-36 Heavy Patch to repair failed pavement	(75,000)	-	_	-	_	-	-
To Reserve	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
TOCUMWAL Total	(125,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
	(123,000)	(30,000)	(30,000)	(30)000)	(30)000)	(30)000)	(30)000)
AERODROME EXPENDITURE Total	(125,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
	(= 7=== 7	(==/===/	(5 27 2 27	(11)	(13)111	(2.5)	(==,==,
AERODROME Total	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
DRAINAGE							
DRAINAGE EXPENDITURE							
BAROOGA To be determined							
To be determined BAROOGA Total	-	-	-	-	-	-	-
DAROUGA TULAI	-	-	-	-	-	-	-
BERRIGAN							
Barooga St - Horsfall to Nangunia St	-	-	-	-	-	-	(35,000)
Denison St - Horsfall to Nangunia	-	-	(35,000)	-	-	-	-
Denison St - Horsfall to Orr St - West Side	-	-	-	-	-	-	-
Corcoran St	(45,000)	-	-	-	-	-	-
Snell Rd - Arramagong to McKinley	-	-	-	(1,000)	-	-	-
Snell Rd - Kamarooka to Chomley	-	-	-	(6,000)	-	-	-
BERRIGAN Total	(45,000)	-	(35,000)	(7,000)	-	-	(35,000)
FINLEY	/						
Tocumwal St Tuppal St to Wollamai St	(75,000)	-	-	-	-	-	-
Tongs St - Pipe drain in front of cemetery	(87,000)	-	-	-	-	-	-
FINLEY Total	(162,000)	-	-	-	-	-	-
TOCUMWAL							
Bruton St - Kerb connection	-	(15,000)	(15,000)	-	-	-	-
Brown St	-	-	-	-	(30,000)	-	-
Jerilderie St Nth - Connect to Bruton St	-	-	(10,000)	-	-	-	-
Hannah St - Calaway to end existing	-	-	(2,000)	-	-	-	-
Emily St - Lane 960 to Hennessy	-	-	-	-	(10,000)	-	-
Emily St - Falkiner to Hennessy (east)	-	-	-	-	(2,000)	-	-
Calaway St - Emily to Charlotte (bs)	-	-	-	-	-	(15,000)	-
TOCUMWAL Total	-	(15,000)	(27,000)	-	(42,000)	(15,000)	-

		FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total		(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
	UNGROUPED							
	To be determined	- (45.000)	- (45.000)	-	-	-	-	
	Replace Electrical cabinets	(15,000)	(15,000)	(15,000)	(15,000)	-	-	-
	UNGROUPED Total	(15,000)	(15,000)	(15,000)	(15,000)	-	-	-
	DRAINAGE EXPENDITURE Total	(222,000)	(20,000)	(77,000)	(22,000)	(42,000)	(15,000)	(25,000)
	DRAINAGE EXPENDITURE TOTAL	(222,000)	(30,000)	(77,000)	(22,000)	(42,000)	(15,000)	(35,000)
DRAINAGE Total		(222,000)	(30,000)	(77,000)	(22,000)	(42,000)	(15,000)	(35,000)
Divino (CE Total		(222)000)	(30,000)	(11)000)	(22)000)	(42,000)	(13,000)	(33,000)
LEVEE BANKS								
	LEVEE BANK INCOME							
	UNGROUPED							
	Transfer from Reserve	149,200	60,000	60,000	90,000	52,360	30,000	50,000
	Grant Funds	-	-	-	20,000	105,000	-	-
	Seppelts Income	-	20,000	20,000	160,000	-	-	-
	UNGROUPED Total	149,200	80,000	80,000	270,000	157,360	30,000	50,000
	LEVEE BANK INCOME Total	149,200	80,000	80,000	270,000	157,360	30,000	50,000
	LEVEE BANK EXPENDITURE							
	UNGROUPED							
	Transfer to Reserve	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
	Levee 3 -220M	(8,800)	-	-	-	-	-	-
	Levee 5 2260M	(90,400)	-	-	-	- (4.5.7.0.50)	-	-
	Levee 1 - 10850-11412	-	(20,000)	- (20.000)	(30,000)	(157,360)	-	-
	Seppelts Levee	(50,000)	(30,000)	(30,000)	(240,000)	-	-	(50,000)
	Tree removal Full length of levee Levee Works - Geotech	(50,000)	(20,000)	(20,000)	-	-	-	(50,000)
	UNGROUPED Total	(30,000) (229,200)	(100.000)	(100,000)	(220,000)	(207,360)	(EO 000)	(100,000)
	UNGROUPED TOTAL	(223,200)	(100,000)	(100,000)	(320,000)	(207,300)	(50,000)	(100,000)
	LEVEE BANK EXPENDITURE Total	(229,200)	(100,000)	(100,000)	(320,000)	(207,360)	(50,000)	(100,000)
	ELVEL BANK EAR ENDITONE TOWN	(223,200)	(100,000)	(100,000)	(320,000)	(207,300)	(30,000)	(100,000)
LEVEE BANKS Total		(80,000)	(20,000)	(20,000)	(50,000)	(50,000)	(20,000)	(50,000)
		(22,222)	(2,222,	(3,223,	(co)co)	(23,223,	(2)222)	(3.5)
TOWN PROJECTS								
	TOWNSCAPE WORKS EXPENDITURE							
	FINLEY							
	Coree St - Ulupna to Tongs Median Treatment	-	-	(50,000)	(50,000)	(50,000)	(50,000)	-
	Denison St - Ulupna to Tongs Median Treatment	-	-	-	-	-	-	(50,000)
	FINLEY Total	-	-	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
	TOWNSCAPE WORKS EXPENDITURE Total	-	-	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
	KERB & GUTTER INCOME							
	BAROOGA				_			
	Snell Rd - Arramagong to McKinley	-	-	-	2,000	-	-	-
	Snell Rd - Kamarooka to Chomley	-	-	-	35,000	-	-	-

Part		FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	<mark>А</mark> рр 2023-24
BERRIGAN	Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Banongs 31 - Horifact to Pangunia St	BAROOGA Total	-	-	-	37,000	-	-	-
Banongs 31 - Horifact to Pangunia St								
Nangunius St. Feilleferie to Baroops St.	BERRIGAN							
Berroags \$1. Nangamin to Orr \$1. 28,000 - - - - - - - - -	Barooga St - Horsfall to Nangunia St	-	-	-	-	-	-	28,000
Denison St. Honfall to Orr St. West Side 28,000	Nangunia St - Jerilderie to Barooga St	-	-	-	-	-	-	7,000
### TOCLMMWAL TO	Barooga St - Nangunia to Orr St	-	-	-	-	-	-	28,000
TOCUMWAL Bruton St. End existing kerb to Bruce Birrell Dr 17,000 17,000	Denison St - Horsfall to Orr St - West Side	-	28,000	-	-	-	-	-
Bruton St - Lane Set D Patics Ref to Defuce Right D	BERRIGAN Total	-	28,000	-	-	-	-	63,000
Bruton St - Lane Set D Patics Ref to Defuce Right D								
Bruton St. Lane 960 to Parkes St. Sth side	TOCUMWAL							
Hamals 1Callaway to end existing	Bruton St - End existing kerb to Bruce Birrell Dr	-	17,000	17,000	-	-	-	-
Emily St Lane 960 to Hennessy Calaway St. Emily to Carlotte (bis) Calaway St. Emily to Carlotte (bis) TOCUMWAL Total UNGROUPED To be determined UNGROUPED To be determined UNGROUPED Total KERB & GUTTER INCOME Total KERB & GUTTER EXPENDITURE BANDOGA Seriel Re Kamarrooks at Domely Seriel Re Kamarrooks at Domely Seriel Re Kamarrooks at Domely BARDOGA Total BERRIGAN BAROOGA Total BAROOGA Total BERRIGAN BAROOGA Total BERRIGAN BAROOGA Total	Bruton St - Lane 961 to Parkes St - Sth side	-	30,000	20,000	-	-	-	-
Calaway St. Emily to Charlotte (bs)	Hannah St - Calaway to end existing	-	-	6,000	-	-	-	-
TOCUMWAL Total - 47,000 43,000 - 10,000 30,000 -	Emily St - Lane 960 to Hennessy	-	-	-	-	10,000	-	-
UNGROUPED To be determined	Calaway St - Emily to Charlotte (bs)	-	-	-	-	-	30,000	-
To be determined UNGROUPED Total KERB & GUTTER INCOME Total A 75,000 43,000 37,000 10,000 30,000 63,000 KERB & GUTTER EXPENDITURE BARCOGA Snell Rd - Arramagong to McKinley Snell Rd - Arramagong to McKinley Snell Rd - Kamarooks to Chomley BARCOGA Total BERRIGAN BERRIGAN Barooga St - Horsfall to Nangunia St Barooga St - Horsfall to Nangunia St Barooga St - Horsfall to Or St Barooga St - Nangunia to Grr St Barooga St - Nangunia to Grr St Barooga St - Nangunia St	TOCUMWAL Total	-	47,000	43,000	-	10,000	30,000	-
To be determined UNGROUPED Total KERB & GUTTER INCOME Total A 75,000 43,000 37,000 10,000 30,000 63,000 KERB & GUTTER EXPENDITURE BARCOGA Snell Rd - Arramagong to McKinley Snell Rd - Arramagong to McKinley Snell Rd - Kamarooks to Chomley BARCOGA Total BERRIGAN BERRIGAN Barooga St - Horsfall to Nangunia St Barooga St - Horsfall to Nangunia St Barooga St - Horsfall to Or St Barooga St - Nangunia to Grr St Barooga St - Nangunia to Grr St Barooga St - Nangunia St								
NERRI & GUTTER INCOME Total - 75,000 43,000 37,000 10,000 30,000 63,000	UNGROUPED							
KER 8 & GUTTER INCOME Total - 75,000 43,000 37,000 10,000 30,000 63,000	To be determined	-	-	-	-	-	-	-
RERB & GUTTER EXPENDITURE BAROOGA	UNGROUPED Total	-	-	-	-	-	-	-
RERB & GUTTER EXPENDITURE BAROOGA								
BAROOGA Snell Rd - Arramagong to McKinley	KERB & GUTTER INCOME Total	-	75,000	43,000	37,000	10,000	30,000	63,000
BAROOGA Snell Rd - Arramagong to McKinley								
Snell Rd - Arramagong to McKinley	KERB & GUTTER EXPENDITURE							
Snell Rd - Kamarooka to Chomley								
BAROGA Total	Snell Rd - Arramagong to McKinley	-	-	-	(12,000)	-	-	-
BERRIGAN	Snell Rd - Kamarooka to Chomley	-	-	-	(63,000)	-	-	-
Barooga St - Horsfall to Nangunia St - - - - - (60,000) Nangunia St - Jerilderie to Barooga St - - - - - (32,000) Barooga St - Nangunia to Orr St - - - - - - (60,000) Denison St - Horsfall to Orr St - West Side - (60,000) - - - - - BERRIGAN Total - (60,000) - - - - - (152,000) FINLEY Tocumwal St Tuppal St to Wollamai St (72,000) - - - - - - - - FINLEY Total (72,000) - - - - - - - - TOCUMWAL Deniliquin Rd - Replace brick K&G Cowley to Duff ST - - - - - - - - Bruton St - End existing kerb to Bruce Birrell Dr - (40,000) (49,500) - - - - - Bruton St - Lane 961 to Parkes St - Sth side - (70,000) (70,000) - - - - Jerilderie St Nth - Connect to Bruton St - - (22,500) - - - - Emily St - Lane 960 to Hennessy - - (22,000) - - - - Emily St - Lane 960 to Hennessy - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - - (44,000) - - - Emil	BAROOGA Total	-	-	-	(75,000)	-	-	-
Barooga St - Horsfall to Nangunia St - - - - - (60,000) Nangunia St - Jerilderie to Barooga St - - - - - (32,000) Barooga St - Nangunia to Orr St - - - - - - (60,000) Denison St - Horsfall to Orr St - West Side - (60,000) - - - - - BERRIGAN Total - (60,000) - - - - - (152,000) FINLEY Tocumwal St Tuppal St to Wollamai St (72,000) - - - - - - - - FINLEY Total (72,000) - - - - - - - - TOCUMWAL Deniliquin Rd - Replace brick K&G Cowley to Duff ST - - - - - - - - Bruton St - End existing kerb to Bruce Birrell Dr - (40,000) (49,500) - - - - - Bruton St - Lane 961 to Parkes St - Sth side - (70,000) (70,000) - - - - Jerilderie St Nth - Connect to Bruton St - - (22,500) - - - - Emily St - Lane 960 to Hennessy - - (22,000) - - - - Emily St - Lane 960 to Hennessy - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - - - Emily St - Lane 960 to Hennessy - - - - - - (44,000) - - - Emil								
Nangunia St - Jerilderie to Barooga St - - - - - - - -								
Barooga St - Nangunia to Orr St - - - - - - (60,000)	· · · · · · · · · · · · · · · · · · ·	-	-	-	-	-	-	(60,000)
Denison St - Horsfall to Orr St - West Side	Nangunia St - Jerilderie to Barooga St	-	-	-	-	-	-	(32,000)
FINLEY		-	-	-	-	-	-	(60,000)
FINLEY Tocumwal St Tuppal St to Wollamai St (72,000)		-	(60,000)	-	-	-	-	-
Tocumwal St Tuppal St to Wollamai St (72,000)	BERRIGAN Total	-	(60,000)	-	-	-	-	(152,000)
Tocumwal St Tuppal St to Wollamai St (72,000)								
FINLEY Total (72,000) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -								
TOCUMWAL Deniliquin Rd - Replace brick K&G Cowley to Duff ST - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -			-	-	-	-	-	-
Deniliquin Rd - Replace brick K&G Cowley to Duff ST - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	FINLEY Total	(72,000)	-	-	-	-	-	-
Deniliquin Rd - Replace brick K&G Cowley to Duff ST - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -								
Bruton St - End existing kerb to Bruce Birrell Dr - (40,000) (49,500) - - - - Bruton St - Lane 961 to Parkes St - Sth side - (70,000) (70,000) - - - - Jerilderie St Nth - Connect to Bruton St - - (22,500) - - - - Hannah St - Calaway to end existing - - - (22,000) - - - - Emily St - Lane 960 to Hennessy - - - - - (44,000) - -								
Bruton St - Lane 961 to Parkes St - Sth side - (70,000) (70,000) - - - - Jerilderie St Nth - Connect to Bruton St - - (22,500) - - - - Hannah St - Calaway to end existing - - - (22,000) - - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - -		-		-	-	-	-	-
Jerilderie St Nth - Connect to Bruton St - - (22,500) - - - Hannah St - Calaway to end existing - - (22,000) - - - - Emily St - Lane 960 to Hennessy - - - - (44,000) - -		-			-	-	-	-
Hannah St - Calaway to end existing (22,000) Emily St - Lane 960 to Hennessy (44,000)	Bruton St - Lane 961 to Parkes St - Sth side	-	(70,000)	(70,000)	-	-	-	-
Emily St - Lane 960 to Hennessy (44,000)	Jerilderie St Nth - Connect to Bruton St	-	-	(22,500)	-	-	-	-
		-	-	(22,000)	-	-	-	-
Emily St - Falkiner to Hennessy (east) (15,000)		-	-	-	-	(44,000)	-	-
	Emily St - Falkiner to Hennessy (east)	-	-	-	-	(15,000)	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ар 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Calaway St - Emily to Charlotte (bs)	-	-	-	-	-	(63,000)	-
TOCUMWAL Total	-	(110,000)	(164,000)	-	(59,000)	(63,000)	-
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-	-	-	-	-	-	-
VEDD 8 CUTTED EVDENDITUDE Total	(72,000)	(170,000)	(164,000)	(75,000)	(50,000)	(62,000)	(4.53.000)
KERB & GUTTER EXPENDITURE Total	(72,000)	(170,000)	(164,000)	(75,000)	(59,000)	(63,000)	(152,000)
TOWN PROJECTS Total	(72,000)	(95,000)	(171,000)	(88,000)	(99,000)	(83,000)	(139,000)
TOWN PROJECTS Total	(72,000)	(33,000)	(171,000)	(88,000)	(33,000)	(83,000)	(133,000)
SEWERAGE							
SEWERAGE EXPENDITURE							
BAROOGA							
Desilt Primary Pond	-	-	-	(50,000)	-	-	-
Other Minor Repairs / Replacements	(10,000)	(10,000)	(10,000)	(10,000)	(20,000)	(20,000)	(20,000)
Upgrade Pump Station	(20,000)	(20,000)	(20,000)	(20,000)	-	(20,000)	-
Replace Electrical cabinets	(10,000)	-	-	(15,000)	-	-	-
BAROOGA Total	(40,000)	(30,000)	(30,000)	(95,000)	(20,000)	(40,000)	(20,000)
BERRIGAN							
Other Minor Repairs / Replacements	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Pond Fencing	(10,000)	(10,000)	(10,000)	(10,000)	-	-	-
Sewer replacement	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)
Trickle Filter Arm Upgrade	-	-	-	-	-	(15,000)	-
Fencing	-	-	-	(20,000)	-	-	-
Refurbish irrigation area	(15,000)	-	-	-	-	-	-
Replace Electrical cabinets	(15,000)	(15,000)	(15,000)	(15,000)	-	-	-
Upgrade digester	(50,000)	(50,000)	(50,000)	-	-	-	-
Upgrade Pump Station - refurbish concrete works New Inlet works	-	(30,000)	(30,000)	-	-	(30,000)	-
Pump/valve replacement (STP)	-	-	-	-	-	-	
Truck Wash Avdata pump & electrical	-	-	-	(15,000)	-	-	
BERRIGAN Total	(140,000)	(155,000)	(155,000)	(110,000)	(50,000)	(95,000)	(50,000)
DERNIGAR TOTAL	(140,000)	(133,000)	(133,000)	(110,000)	(30,000)	(33,000)	(30,000)
FINLEY							
Desilt Primary Pond	-	(80,000)	(80,000)	-	-	-	-
Desilt sludge lagoon	(15,000)	-	-	-	-	-	-
Gravel Pond Banks	(10,000)	(10,000)	(10,000)	(10,000)	-	-	-
Other Minor Repairs / Replacements	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(32,500)
Pond Fencing	-	-	-	-	(20,000)	-	-
Refurbish concrete work	(20,000)	-	-	-	(20,000)	(20,000)	-
Truck wash AVDATA pump	-	-	-	-	-	-	-
Upgrade Pump Station	(10,000)	(10,000)	(10,000)	(30,000)	-	-	-
Replace Electrical cabinets	(15,000)	-	-	(15,000)	-	-	-
New Inlet works	-	-	-	(250,000)	-	-	-
Effluent recycling facility	-	-	-	-	(20,000)	-	-
Upgrade Digestor	-	-	-	-	(50,000)	(50,000)	-

Control Famel STP		FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Арр 2023-24
Column Investigation and mitigation 150,000 150,000 150,000 150,000 150,000 140,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,000 120,00	Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
TOCUMMAL	Control Panel STP	-	-	-	-	-	-	-
TOCUMWAL Coher Minor Repairs / Replacements (20,000 20,000 20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000	Odour investigation and mitigation	(50,000)	(50,000)	(50,000)	-	-	-	-
Cither Minor Replacements	FINLEY Total	(150,000)	(180,000)	(180,000)	(335,000)	(140,000)	(100,000)	(32,500)
Cither Minor Replacements								
Refulbich concrete work								
Trickle Filter Arm Upgrade		(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Sever Main Relining (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,000) (100,0		(20,000)	-	-	-	(20,000)	(20,000)	-
New Drying Bad	··	-		-		-	-	-
Fence Replacement 12,00,00 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000		(100,000)				-	-	-
Replace Miser Unit (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (15,000) (1		-	(50,000)	(50,000)	(50,000)	-	-	-
Replace Electrical cabinets		(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
TOCLIMMAL Total (175,000 (210,000 (205,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60,000 (60	·	-	(20,000)	(20,000)	-	-	-	-
Ungrade amenities at STP's	Replace Electrical cabinets	(15,000)	-	-	(15,000)	-	-	-
Upgrade amenities at STP's	TOCUMWAL Total	(175,000)	(210,000)	(210,000)	(205,000)	(60,000)	(60,000)	(40,000)
Upgrade amenities at STP's								
Upgrade of Telemetry Swere	UNGROUPED							
Sewer Pump Replacements 30,000 30,000 30,000 30,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40	Upgrade amenities at STP's	-	-	-	-	(30,000)	-	-
Low Pressure Pump Replacements (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (Upgrade of Telemetry Sewer	(5,000)	-	-	(20,000)	(20,000)	(20,000)	-
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Loan to Water Fund	Low Pressure Pump Replacements	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Loan to General Fund	AC Main Renewals	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)
NURROUPED Total (255,000) (250,000) (270,000) (270,000) (300,000) (280,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,000) (260,0	Loan to Water Fund	-	-	(1,500,000)	-	-	-	-
SEWERAGE EXPENDITURE Total (760,000 (825,000 (3,325,000 (1,015,000 (570,000 (575,000 (402,500 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000 (3,000	Loan to General Fund	-	-	(1,000,000)	-	-	-	-
SEWERAGE Total	UNGROUPED Total	(255,000)	(250,000)	(2,750,000)	(270,000)	(300,000)	(280,000)	(260,000)
SEWERAGE Total								
WATER WATER INCOME UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED Total	SEWERAGE EXPENDITURE Total	(760,000)	(825,000)	(3,325,000)	(1,015,000)	(570,000)	(575,000)	(402,500)
WATER WATER INCOME UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED UNGROUPED Total								
WATER INCOME JUNGROUPED - - 1,500,000 - - - JUNGROUPED Total - - 1,500,000 - - - WATER INCOME Total - - 1,500,000 - - - - WATER EXPENDITURE BAROGA - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	SEWERAGE Total	(760,000)	(825,000)	(3,325,000)	(1,015,000)	(570,000)	(575,000)	(402,500)
WATER INCOME JUNGROUPED - - 1,500,000 - - - JUNGROUPED Total - - 1,500,000 - - - WATER INCOME Total - - 1,500,000 - - - - WATER EXPENDITURE BAROGA - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -								
UNGROUPED								
Capital Works Water Loan from Sewer - Upgrade WTPs - 1,500,000								
UNGROUPED Total - - 1,500,000 - - - WATER INCOME Total - - 1,500,000 - - - - WATER EXPENDITURE - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
WATER INCOME Total 1,500,000	Capital Works Water Loan from Sewer - Upgrade WTPs	-	-	1,500,000	-	-	-	-
WATER EXPENDITURE BAROOGA	UNGROUPED Total	-	-	1,500,000	-	-	-	-
WATER EXPENDITURE BAROOGA								
BAROOGA Main water replacement - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -<	WATER INCOME Total	-	-	1,500,000	-	-	-	-
BAROOGA Main water replacement - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -<								
Main water replacement - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	WATER EXPENDITURE							
Expansion of Barooga WTP (850,000) (850,000) (850,000) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	BAROOGA							
Construct 1ML Filtered Water Reservoir	Main water replacement	-	-	-	-	-	-	-
Paint exterior Water Towers - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -<	·	(850,000)	(850,000)	(850,000)	-	-	-	-
BAROOGA Total (850,000) (850,000) (850,000) - (800,000) - BERRIGAN Other Minor Repairs / Replacements	Construct 1ML Filtered Water Reservoir	-	-	-	-	(800,000)	-	-
BERRIGAN Other Minor Repairs / Replacements	Paint exterior Water Towers	-	-	-	-	-	-	-
Other Minor Repairs / Replacements	BAROOGA Total	(850,000)	(850,000)	(850,000)	-	(800,000)	-	-
Other Minor Repairs / Replacements								
	BERRIGAN							
Water main replacement	Other Minor Repairs / Replacements	-	-	-	-	-	-	-
	Water main replacement	-	-	-	-	-	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
WTP Fence Replacement	(20,000)	(20,000)	(20,000)	-	-	-	-
Static Mixer (100mm)	(30,000)	-	-	-	-	-	-
Upgrade Treatmetn Process (DAFF)	-	-	-	-	-	(2,200,000)	-
BERRIGAN Total	(50,000)	(20,000)	(20,000)	-	-	(2,200,000)	-
FINLEY							
Water main reticulation	-	-	-	-	-	-	-
WTP Fence Replacement	(15,000)	(15,000)	(15,000)	-	-	-	-
Upgrade Treatment Process (DAFF)	(2,000,000)	(2,000,000)	(2,000,000)	-	-	-	-
Construct Raw Water Trunk Main to Tongs St	-	-	-	-	-	-	-
Major Repair FIN Water Tower Leak	(140,000)	-	- (0.047.000)	-	-	-	-
FINLEY Total	(2,155,000)	(2,015,000)	(2,015,000)	-	-	-	-
TOCUMWAL							
Chlorine Dosing system	(20,000)	(20,000)	(20,000)	-	-	-	-
Other Minor Repairs / Replacements	-	-	-	-	-	-	-
Refurbish no#1 floc tank	-	-	-	-	-	-	-
Replace compressor	-	(20,000)	(20,000)	-	(20,000)	(20,000)	-
Water main replacement	-	-	-	-	-	-	-
Upgrade Chemical dosing system	-	-	-	(50,000)	-	-	-
Upgrade WTP, Pump Station and Flouridation plant	-	-	-	-	-	-	-
TOCUMWAL Total	(20,000)	(40,000)	(40,000)	(50,000)	(20,000)	(20,000)	-
UNGROUPED							
Chemical Pump replacement	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(15,000)	(15,000)
Major Pump Replacement	(40,000)	(10,000)	(10,000)	(40,000)	(10,000)	(40,000)	(13,000)
Office Equip / Furniture	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)
Meter / cybal replacement	(964,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)
WHS Upgrades	(10,000)	-	_	-	-	-	_
Telemetry Upgrade	(150,000)	-	-	-	-	-	_
Water Laboratory equipment	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)
Automation for Quality Control	(200,000)	-	-	-	-	-	-
Replacement of AC Watermains	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)
Other minor watermain renewals	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)
UNGROUPED Total	(1,738,000)	(374,000)	(374,000)	(414,000)	(374,000)	(419,000)	(379,000)
	() == /== - /	(c)ccc)	(3)333)	()	(= ,==,	()	(3 2)223
WATER EXPENDITURE Total	(4,813,000)	(3,299,000)	(3,299,000)	(464,000)	(1,194,000)	(2,639,000)	(379,000)
WATER Total	(4,813,000)	(3,299,000)	(1,799,000)	(464,000)	(1,194,000)	(2,639,000)	(379,000)
MOTOR VEHICLE							
MOTOR VEHICLE SALES							
UNGROUPED							
Motor vehicle sales	130,000	130,000	130,000	130,000	130,000	130,000	130,000
UNGROUPED Total	130,000	130,000	130,000	130,000	130,000	130,000	130,000
		,	,	,	,	,	
MOTOR VEHICLE SALES Total	130,000	130,000	130,000	130,000	130,000	130,000	130,000

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	<mark>А</mark> рј 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
MOTOR VEHICLE PURCHASES							
UNGROUPED							
Motor vehicle purchases	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)
UNGROUPED Total	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)
MOTOR VEHICLE PURCHASES Total	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)	(320,000)
MOTOR VEHICLE Total	(190,000)	(190,000)	(190,000)	(190,000)	(190,000)	(190,000)	(190,000)
PUBLIC WORKS							
PUBLIC WORKS UTILITY PURCHASE							
UNGROUPED							
Public Works Utility Purchase	(68,750)	(68,750)	(68,750)	(68,750)	(68,750)	(70,000)	(70,000)
UNGROUPED Total	(68,750)	(68,750)	(68,750)	(68,750)	(68,750)	(70,000)	(70,000)
PUBLIC WORKS UTILITY PURCHASE Total	(68,750)	(68,750)	(68,750)	(68,750)	(68,750)	(70,000)	(70,000)
	(00).007	(00):00)	(00):00)	(55):55)	(30).30)	(: 0,000)	(, 0,000)
PUBLIC WORKS UTILITY INCOME							
UNGROUPED							
Public Works Utility Sales	39,000	39,000	39,000	39,000	39,000	40,000	40,000
UNGROUPED Total	39,000	39,000	39,000	39,000	39,000	40,000	40,000
PUBLIC WORKS UTILITY INCOME Total	39,000	39,000	39,000	39,000	39,000	40,000	40,000
PUBLIC WORKS PLANT PURCHASE							
UNGROUPED							
Public Works Plant Purchase	(750,000)	(1,100,000)	(1,100,000)	(472,000)	(620,000)	(246,000)	(30,000)
UNGROUPED Total	(750,000)	(1,100,000)	(1,100,000)	(472,000)	(620,000)	(246,000)	(30,000)
PUBLIC WORKS PLANT PURCHASE Total	(750,000)	(1,100,000)	(1,100,000)	(472,000)	(620,000)	(246,000)	(30,000)
PUBLIC WORKS PLANT INCOME UNGROUPED							
Public Works Plant Sales	235,000	376,500	376,500	85,000	180,000	75,500	81,000
UNGROUPED Total	235,000	376,500	376,500 376,500	85,000	180,000	75,500	81,000
PUBLIC WORKS PLANT INCOME Total	235,000	376,500	376,500	85,000	180,000	75,500	81,000
PUBLIC WORKS Total	(544,750)	(753,250)	(753,250)	(416,750)	(469,750)	(200,500)	21,000
MINOR PLANT							
MINOR PLANT PURCHASE							
UNGROUPED							
Minor Plant Purchase	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)
UNGROUPED Total	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)
MINOR PLANT PURCHASE Total	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)

		FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total		(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
	MINOR PLANT Total	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)	(33,000)
	DOMESTIC WASTE							
	DOMESTIC WASTE EXPENDITURE							
	BERRIGAN							
	New Landfill hole	(50,000)	(55,000)	-	-	(65,000)	(70,000)	(75,000)
	New Mesh Fence 3.6m	(15,000)	(15,000)	(15,000)	(15,000)	(15,000)	(70,000)	(73,000)
	Rehabilitation of exhausted landfill areas	(13,000)	(13,000)	(13,000)	(13,000)	(10,000)	-	_
	Crushed rock for tracks	-	(4,000)	(4,000)	-	(4,000)	-	(4,000)
	BERRIGAN Total	(65,000)	(74,000)	(19,000)	(15,000)	(94,000)	(70,000)	(79,000)
		(::,:::,	()===/	(2,222,	(2,222,	(2)222)	(2)222)	(2)222)
	FINLEY							
	Rehabilitation of exhausted landfill areas	(5,000)	-	-	-	-	-	-
	FINLEY Total	(5,000)	-	-	-	-	-	-
	TOCUMWAL							
	New Fence	(5,000)	-	-	-	-	-	-
	Construct Transfer Station Tocumwal	(150,000)	-	-	-	-	-	-
	TOCUMWAL Total	(155,000)	-	-	-	-	-	-
	UNGROUPED							
	Purchase of Bins	-	(5,000)	(5,000)	-	(5,000)	-	(5,000)
	UNGROUPED Total	-	(5,000)	(5,000)	-	(5,000)	-	(5,000)
	DOMECTIC MACTE EVDENIDITUDE Taxal	(225,000)	(70,000)	(24.000)	(45,000)	(00,000)	(70,000)	(0.4.000)
	DOMESTIC WASTE EXPENDITURE Total	(225,000)	(79,000)	(24,000)	(15,000)	(99,000)	(70,000)	(84,000)
	DOMESTIC WASTE Total	(225,000)	(79,000)	(24,000)	(15,000)	(99,000)	(70,000)	(84,000)
	DOINESTIC WASTE Total	(223,000)	(73,000)	(24,000)	(13,000)	(33,000)	(70,000)	(04,000)
	LIBRARIES							
	LIBRARIES INCOME							
	TOCUMWAL							
	SCCF - Library Extension Grant	250,000	-	-	-	-	-	-
	PLIGP - Library	200,000	-	-	-	-	-	-
	TOCUMWAL Total	450,000	-	-	-	-	-	-
	LIBRARIES INCOME Total	450,000	-	-	-	-	-	-
	LIBRARIES EXPENDITURE							
	BAROOGA							
	Painting	(15,000)	-	-	-	-	-	-
	BAROOGA Total	(15,000)	-	-	-	-	-	-
	DESCRIPTION							
	BERRIGAN							
	To be determined	-	-	-	-	-	-	-
	BERRIGAN Total	-	-	-	-	-	-	-
	FINLEY							
				/E 000\				
	Repairs Carpark	-	-	(5,000)	-	-	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ар 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
FINLEY Total	-	-	(5,000)	-	-	-	-
TOCUMWAL							
SCCF - Extension	(250,000)	-	-	-	-	-	-
Library Refurbishment	(200,000)	-	-	-	-	-	-
TOCUMWAL Total	(450,000)	-	-	-	-	-	-
LIBRARIES EXPENDITURE Total	(465,000)	_	(5,000)	-	<u>-</u>	_	
EIDINANIES EXI ENDITONE TOTAL	(403,000)		(3,000)				
LIBRARIES Total	(15,000)	-	(5,000)	-	-	-	-
	(20,000)		(2,222)				
CORPORATE SERVICES							
CORPORATE SERVICES INCOME							
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-	-	-	-	-	-	-
CORPORATE SERVICES INCOME Total	-	-	-	-	-	-	-
CORDODATE SERVICES EVERNINITURE							
CORPORATE SERVICES EXPENDITURE							
BAROOGA To be determined							
BAROGA Total	-	-	-	-	-	-	-
DANGOGA Total	_	_	_	_	_	_	_
BERRIGAN							
Asset Software Project	(50,000)	-	-	-	-	-	-
Office Split system airconditioning	-	-	(6,000)	-	-	-	-
Records Management Proposal	-	-	(53,295)	-	-	-	-
BERRIGAN Total	(50,000)	-	(59,295)	-	-	-	-
FINLEY							
To be determined	-	-	-	-	-	-	-
FINLEY Total	-	-	-	-	-	-	-
TOCUMANA							
TOCUMWAL To be determined							
TO DE DE DETERMINED TOCUMWAL TOTAL	-	-	-	-	-	-	-
TOCOWWAL TOTAL	-		-	•	-		-
CORPORATE SERVICES EXPENDITURE Total	(50,000)	_	(59,295)	_	_	_	_
COM CHANGE SERVICES EXICENSITIONE FORM	(30,000)		(33,233)				
CORPORATE SERVICES Total	(50,000)	-	(59,295)	-	-		-
			,				
COMMUNITY AMENITIES							
COMMUNITY AMENITIES INCOME							
UNGROUPED							
Loan from Sewer Fund to General Fund - MRE Scope Change	-	-	1,000,000	-	-	-	-
UNGROUPED Total	-	-	1,000,000	-	-	-	-

			FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Арр 2023-24
Grand Total			(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
		COMMUNITY AMENITIES INCOME Total	-	-	1,000,000	-	-	-	-
	COMMUNITY AMEN	VITIES Total	-	•	1,000,000	•	-	•	-
	HOUSING								
	110031110	HOUSING EXPENDITURE							
		BAROOGA							
		To be determined	-	-	-	-	-	-	-
		BAROOGA Total	-	-	-	-	-	-	-
		FINLEY							
		To be determined	-	-	-	-	-	-	-
		FINLEY Total	-	-	-	-	-	-	-
		HOUSING EXPENDITURE Total	-	-	-	-	-	-	-
	HOUSING Total		-	-	-	-	-	-	-
	DEPOT								
		DEPOT EXPENDITURE							
		BAROOGA							
		To be determined	-	-	-	-	-	-	-
		BAROOGA Total	-	-	-	-	-	-	-
		BERRIGAN							
		Depot Carport Repairs/Parking Shelter/cover sign area	(21,000)						
		BERRIGAN Total	(31,000) (31,000)	-	-	-	-	-	-
		DERRIGAN TOTAL	(31,000)	-	-	_	_	-	-
		FINLEY							
		To be determined	-	-	-	-	-	-	-
		FINLEY Total	-	-	-	-	-	-	-
		DEPOT EXPENDITURE Total	(31,000)	-	-	-	-	-	-
	DEPOT Total		(31,000)	-	-	-	-	-	-
	PUBLIC HALLS								
		PUBLIC HALLS EXPENDITURE							
		BAROOGA							
		To be determined	-	-	-	-	-	-	-
		BAROOGA Total	-	-	-	-	-	-	-
		25224							
		BERRIGAN			(0.5.5.5.)				
		CWA Hall replace Front & side doors	-	-	(20,000)	-	-	-	-
		BERRIGAN Total	-	•	(20,000)	-	-	•	-
		DUDUC HALLS EVDENDITURE Total			/20.000\				
		PUBLIC HALLS EXPENDITURE Total	-	-	(20,000)	-	-	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
PUBLIC HALLS Total	-	-	(20,000)	-	-	-	-
EMERGENCY SERVICES EMERGENCY SERVICES EXPENDITURE							
BAROOGA							
To be determined	-	_	_	-	_	_	-
BAROOGA Total			-		-		-
BERRIGAN							
To be determined	-	-	-	-	-	-	-
BERRIGAN Total	-	-	-	-	-	-	-
FINLEY							
To be determined	-	-	-	-	-	-	-
FINLEY Total		-	-	-	-	-	-
TOCUMWAL							
To be determined	-	-	-	-	-	-	-
TOCUMWAL Total	-	-	-	-	-	•	-
EMERGENCY SERVICES EXPENDITURE Total	-	-	-	-	-	-	-
EMERGENCY SERVICES Total	-	-	-	-	-	-	-
TOURISM SERVICES							
TOURISM SERVICES INCOME							
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-	-	-	-	-	-	-
TOURISM SERVICES INCOME Total	-	-	-	-	-	-	-
TOURISM SERVICES EVENINETURE							
TOURISM SERVICES EXPENDITURE							
BAROOGA To be determined							
BAROOGA Total	-	-	-	-	-	-	-
DAROUGA TOTAL	-	-	-	_	_	-	-
BERRIGAN							
To be determined	-	-	-	-	-	-	-
BERRIGAN Total		-	-	-	-		-
FINLEY							
To be determined	-	-	-	-	-	-	-
FINLEY Total	-	-	-	-	-	-	-
TOCUMWAL							
To be determined	-	-	-	-	-	-	-
TOCUMWAL Total	-	-	-	-	-	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
TOURISM SERVICES EXPENDITURE Total	-	-	-	-	-	-	-
TOURISM SERVICES Total	-	-	-	-	-	-	-
CEMETERIES							
CEMETERIES EXPENDITURE							
BERRIGAN Modular Toilet	(25,000)	-	-	-	-	-	
BERRIGAN Total	(25,000)	-	-	-	-	-	-
TOCUMWAL Modular Toilet	(25,000)						
TOCUMWAL Total	(25,000) (25,000)	-	-	-	-	-	-
	(25,000)						
UNGROUPED							
Plinth Additions	(5,000)	-	-	(5,000)	-	(5,000)	-
UNGROUPED Total	(5,000)	-	-	(5,000)	-	(5,000)	-
CEMETERIES EXPENDITURE Total	(55,000)	-	-	(5,000)	-	(5,000)	-
	(00,000)			(2,222)		(0,000)	
CEMETERIES Total	(55,000)	-	-	(5,000)	-	(5,000)	-
RECREATION							
SWIMMING POOLS INCOME							
BERRIGAN							
SCCF 2 -Upgrade ancillary Pool Facilities	-	-	395,355	-	-	-	-
BERRIGAN Total	-	-	395,355	-	-	-	-
SWIMMING POOLS INCOME Total	-	-	395,355	-	-	-	-
			,				
SWIMMING POOLS EXPENDITURE							
BERRIGAN							
Painting of Pool SCCF 2- Upgrade ancillary Pool Facilities	-	-	(395,355)	-	-	-	-
BERRIGAN Total	-		(395,355)	-	-	-	_
			(000,000)				
FINLEY							
Painting of Pool	-	-	-	-	-	-	-
FINLEY Total	-	-	-	-	-	-	-
TOCUMWAL							
Refurbish interior	(20,000)	-	-	-	-	-	-
TOCUMWAL Total	(20,000)	-	-	-	-	-	-
			10				
SWIMMING POOLS EXPENDITURE Total	(20,000)	-	(395,355)	-	-	-	-
RECREATION RESERVES INCOME							
ALOREATION RESERVES INCOME							

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
BERRIGAN							
SCCF - Replace and Upgrade Netball Courts	182,934	-	-	-	-	-	-
SCCF - Contribution Replace and Upgrade Netball Courts	20,000	-	-	-	-	-	-
SCCF2 - Sportground Scoreboard	-	-	59,570	-	-	-	-
BERRIGAN Total	202,934	-	59,570	-	-	-	-
FINLEY							
ORG Infrastructure Grant	-	-	100,000	-	-	-	-
FINLEY Total	-	-	100,000	-	-	-	-
TOCUMWAL							
SCCF2 - Redevelop Netball & Cricket facilities	-	-	497,541	-	-	-	-
TOCUMWAL Total	-	-	497,541	-	-	-	-
RECREATION RESERVES INCOME Total	202,934	-	657,111	-	-	-	-
RECREATION RESERVES EXPENDITURE							
BERRIGAN							
SCCF - Replace and Upgrade Netball Courts	(210,934)	-	-	-	-	-	-
SCCF2 - Sportground Scoreboard	-	-	(59,570)	-	-	-	-
BERRIGAN Total	(210,934)	-	(59,570)	-	-	-	-
FINLEY							
Finley Showground Changerooms	-	-	(200,000)	-	-	-	-
FINLEY Total	-	-	(200,000)	-	-	-	-
TOCUMWAL							
SCCF2 - Redevelop Netball & Cricket facilities	-	-	(497,541)	-	-	-	-
TOCUMWAL Total		-	(497,541)	-	-	-	-
RECREATION RESERVES EXPENDITURE Total	(210,934)	-	(757,111)	-	-	-	-
PARKS & RECREATION INCOME							
BAROOGA							
SCCF - Challenge Playground	150,000	-	-	-	-	-	-
SCCF - Challenge Playground Stage 2	-	-	489,478	-	-	-	-
BAROOGA Total	150,000	-	489,478	-	-	-	-
	•		,				
FINLEY							
SCCF - Skate Park Improvements	161,800	-	-	-	-	-	-
FINLEY Total	161,800	-			-	-	-
UNGROUPED							
SCCF - Stronger Country Communities Round 2	632,000	1,414,000	-	-	-	-	-
UNGROUPED Total	632,000	1,414,000	-	-	-		-
ONGROOTED TOWN	032,000	±,-±-,000					
PARKS & RECREATION INCOME Total	943,800	1,414,000	489,478	-	-	-	_
TARRO & RECREATION INCOME TOTAL	545,000	1, 114,000	105,470				

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
PARKS & RECREATION EXPENDITURE							
BAROOGA							
SCCF - Challenge Playground	(150,000)	-	-	-	-	-	_
Russell Crt Open Space	(25,000)	-	-	-	-	-	
SCCF - Challenge Playground Stage 2	-	-	(489,478)	-	-	-	-
BAROOGA Total	(175,000)	-	(489,478)	-	-	-	-
FINI EV							
FINLEY SCCE Skata Park Improvements	(211,800)						-
SCCF -Skate Park Improvements FINLEY Total	(211,800)	-	-	-	-	-	-
FINLET TOTAL	(211,600)	-	-	-	-	-	-
TOCUMWAL							
To be determined	-	-	_	-	-	-	-
TOCUMWAL Total	-	-	_	_	_	-	-
. CCCTITAL TOTAL							
UNGROUPED							
SCCF - Stronger Country Communities Round 2	(632,000)	(1,414,000)	-	-	-	-	-
UNGROUPED Total	(632,000)	(1,414,000)	-	-	-	-	-
PARKS & RECREATION EXPENDITURE Total	(1,018,800)	(1,414,000)	(489,478)	-	-	-	-
RECREATION Total	(103,000)	-	(100,000)	-	-	-	-
SHIRE ROADS							
URBAN ROADS CONSTRUCTION INCOME							
BAROOGA							
To be determined	-	-	-	-	-	-	-
BAROOGA Total	•	•	-	-	-	-	-
BERRIGAN							
To be determined	_	-	_	_	-	-	-
BERRIGAN Total			-	-	-		-
FINLEY							
To be determined	-	-	-	-	-	-	-
FINLEY Total	-	-	-	-	-	-	-
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-	-	-	-	-	-	-
URBAN ROADS CONSTRUCTION INCOME Total	-	-	-	-	-	-	-
URBAN ROADS CONSTRUCTION EXPENDITURE							
BAROOGA							
To be determined	-	-	-	-	-	-	-
Snell Rd - Arramagong to McKinley	-	-	-	(5,000)	-	-	-
Snell Rd - Kamarooka to Chomley	-	-	-	(80,000)	-	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	<mark>А</mark> рр 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
BAROOGA Total	-	-	-	(85,000)	-	-	-
BERRIGAN							
To be determined	-	-	-	-	-	-	-
Barooga St - Horsfall to Nangunia St	-	-	-	-	-	-	(40,000)
Nangunia St - Jerilderie to Barooga St	-	-	-	-	-	-	(16,000)
Barooga St - Nangunia to Orr St	-	-	-	-	-	-	(40,000)
Denison St - Horsfall to Orr St - West Side	-	-	-	-	- (50.000)	-	-
Drohan St - Consruct & Seal - Lysaght to Hayes	-	-	-	-	(50,000)	-	(05.000)
BERRIGAN Total	-	-	-	-	(50,000)	-	(96,000)
FINLEY							
To be determined	_	_	_	_	_	_	_
To be determined Tocumwal St Tuppal St to Wollamai St	(41,000)	-	-	-	_	-	
Coree St - Ulupna to Tongs Median Treatment	(41,000)	-	(24,000)	(24,000)	(24,000)	(24,000)	
Denison St - Ulupna to Tongs Median Treatment		-	(24,000)	(24,000)	(24,000)	(24,000)	(24,000)
FINLEY Total	(41,000)		(24,000)	(24,000)	(24,000)	(24,000)	(24,000)
- INCLUTORAL	(42)000)		(24)000)	(24)000)	(24,000)	(24)000)	(24)000)
TOCUMWAL							
Bruton St - Lane 961 to Charlotte St	-	(60,000)	(60,000)	-	-	-	-
Town Beach Road - Construct & Seal	(137,000)	(17,150)	-	-	-	-	-
Jerilderie St Nth - Connect to Bruton St	-	-	(10,000)	-	-	-	-
Hannah St - Calaway to end existing	-	-	(5,000)	-	-	-	-
Emily St - Lane 960 to Hennessy	-	-	-	-	(18,000)	-	-
Emily St - Falkiner to Hennessy (east)	-	-	-	-	(5,000)	-	-
Calaway St - Emily to Charlotte (bs)	-	-	-	-	-	(25,000)	-
Cobram St Tocumwal - Reconsruct	-	-	(40,000)	-	-	-	-
TOCUMWAL Total	(137,000)	(77,150)	(115,000)	-	(23,000)	(25,000)	-
UNGROUPED							
To be determined	-	(153,000)	-	-	-	-	-
UNGROUPED Total	-	(153,000)	-	-	-	-	-
URBAN ROADS CONSTRUCTION EXPENDITURE Total	(178,000)	(230,150)	(139,000)	(109,000)	(97,000)	(49,000)	(120,000)
URBAN ROADS - RESEALS EXPENDITURE							
BAROOGA	(5 = 1)						
Wiruna St 102-560	(3,514)	-	-	-	-	-	-
Banker St 00-262	-	(10,080)	-	(14,000)	-	-	-
Barinya At 392-839	- (0.000)	(10,490)	-	(11,000)	-	-	-
Hughes st - 189-326	(8,386)	- (42.604)	-	- (45.000)	-	-	-
McFarland St 00-452	- (2.022)	(12,604)	-	(15,000)	-	-	-
Nangunia St 183-428	(2,832)	(7,000)	-	-	(0.000)	-	-
Stillards Crt	- (2.00)	(7,889)	-	-	(8,000)	-	-
Franks Rd Amaroo Ave Wiruna to Lawson	(3,600)	(10.205)	-	(11 000)	-	-	-
Barinya St -Golfcourse to Banker	-	(10,395)	-	(11,000)	-	-	(14,000)
Buchanans Rd - Wiruna to Hughes	-	(5,040)	-	-	(5,040)	-	(14,000)
Ductiditatis nu - wit utila to nugries	-	(3,040)	-	-	(3,040)	-	-

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	App 2023-24
ind Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Buchanans Rd - Lawson to Hughes	-	-	-	-	(10,000)	-	-
Isabel ave - all	-	-	-	-	-	-	(3,500)
Lawson Dve Buchanans to Amaroo	-	(3,374)	-	-	(14,000)	-	-
Gormly Ct - all	-	-	-	-	-	(4,500)	-
Gunnamara - Buchanans to Wiruna	-	-	-	-	(10,000)	-	-
Kamarooka - Nangunia to Gunnamara	-	-	-	-	(7,000)	-	-
McKinnley Ct - all	-	-	-	-	-	-	(2,000)
Murray Grove - all	-	-	-	-	-	-	(6,000)
Snell Rd - Burkinshaw to MR550	-	-	(32,000)	-	-	-	-
BAROOGA Total	(18,332)	(59,872)	(32,000)	(51,000)	(54,040)	(4,500)	(25,500)
BERRIGAN							
Davis St 296-668	-	(12,264)	-	_	_	_	-
Drohan St 263-429	(3,549)	(12,204)			_	-	
Drummond St 593-653	(1,337)	-	<u>-</u>	-	_	-	
Drummond St 00-265	(1,337)	_	(6,000)	-	_	_	_
Horsfall St 00-277	_	(4,557)	(0,000)	(4,500)	_	_	_
Stafford ST 00-270	_	(5,408)	(5,408)	(4,300)	_	_	_
Cobram St	(6,000)	(3,400)	(3,400)	-	-	_	_
Barooga St Osborne to Nangunia	-	_	-	_	-	(10,000)	_
Carter St - Parklanes	_	_	_	_	_	(10,000)	(9,000)
Chanter St - Parklanes Drummond - Lysaght	_	_	(1,000)	_	_	_	(3,000)
Chanter St - Parklanes Mitchell - Lysaght	_	-	(1,000)	-	_	_	(8,000)
Corcoran St - Jerilderie to Drummond	_	-	-	-	-	(16,000)	-
Dennison - Momalong to Woodstock	-	-	-	-	(20,000)	(10)000)	_
Denison St Carter to Horsfall	-	-	-	-	(5,000)	-	_
Flynn St - Stafford to Drohan	-	(8,554)	(8,554)	-	-	-	_
Greggorys Rd - Barooga to MR356	-	-	-	-	-	(4,500)	_
Hayes St - Stafford to Drohan	-	(5,271)	(5,271)	-	-	-	-
Momalong St - Barooga to Denison	-	-	(6,000)	-	-	_	_
William St - From Greggory to end	-	-	-	-	-	(5,000)	-
BERRIGAN Total	(10,886)	(36,054)	(32,233)	(4,500)	(25,000)	(35,500)	(17,000)
FINLEY		(2.500)			(2.000)		
McDonald Crt Murroy St 1020 1 200 8 00 220	- (22.200)	(2,580)	-	-	(3,000)	-	-
Murray St 1030-1800 & 00-220	(23,398)	(4.774)	-	- (4 FOO)	-	-	-
Burton St Coree St 477-1382		(4,774)	-	(4,500)	-	-	-
	-	(52,469)	-	(53,000)	-	-	-
Denison St 1409-1619		(13,202)	-	(13,000)	-	-	-
Howe St 1800-2030		(8,292)	-	-	-	(2,000)	-
William St - From Bridget Wollamai St - Coree to Murray	-	-	-	-	-	(2,000)	-
·		(26.015)	-	(55,000)	-	(17,000)	
Wollamai St - Howe to Murray Wollamai St - Close to Hamilton		(26,915)	-	(55,000)	-	(14,000)	-
	-	(0.024)	-		-	(14,000)	-
Wells St Murray to Finley	-	(6,024)	-	-	(6,000)	-	(12,000)
Finley St Townsend to Osborne	-	-	/E 000\	-	-	-	(12,000)
Mc Allister St - Warmatta to Headford	-	- (4.000)	(5,000)	-	- (F 000)	-	-
Mc Allister St 679-914Osborne-Townsend	-	(4,900)	-	-	(5,000)	-	-

		FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Арр 2023-24
Grand Total		(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
	Osborne St - Howe to Finley	-	-	(11,000)	-	-	-	-
	Pinnuck St - Hamilton to Coree	-	-	-	-	-	-	(33,000)
	Pinnuck St - Murray to Coree	-	-	-	-	-	-	(14,000)
	Tongs St - Murray to 630 west	-	-	-	-	-	(23,000)	-
	Townsend St - Finley to Howe	-	(7,186)	(10,000)	-	-	-	-
	Tocumwal St McNamara to Pinnuck	-	-	-	-	-	(43,000)	-
	Tuppal St - from Wallamai	-	-	-	-	-	(8,000)	-
	Lane 840 - Pinnuck to Ulupna	-	-	-	-	-	(3,500)	-
	Murray St (Parklanes Lake)	-	-	(15,000)	-	-	-	-
	Murray St - Near Pool entrance	-	-	-	(1,500)	-	-	-
	Murray St Parklanes Wells to Schoullar	-	-	(17,000)	-	-	-	-
	Berrigan Road - Parklanes Murray to Walter	-	-	-	-	(5,000)	-	-
	Burke St - all	-	-	-	-	-	(6,000)	-
	Close Street	-	-	-	-	(5,500)	-	-
	Coree St - Tongs to Wells	-	-	-	-	-	(14,000)	-
	Dawe Ave - all	-	-	-	-	(25,000)	-	-
	Denison St 466-1409(Pinnuck-McNamara)	-	-	(55,000)	-	-	-	-
	Druitt Ct - all	-	-	-	-	-	(2,500)	-
	Endeavour St all	-	(8,222)	-	-	(16,000)	-	-
	Forest Ct - from Tongs	-	-	-	-	-	(2,000)	-
	James Crt - to asphalt	-	-	-	-	-	(6,000)	-
	Tongs St - Murray to Plumpton	-	(2,993)	-	-	(3,000)	-	-
	Ulupna St 411-452 into Archards	-	-	(2,000)	-	-	-	- (2 - 2 - 2)
	Ulupna St - Tocumwal to Murray	(-	-	-	-	-	(24,000)
	FINLEY Total	(23,398)	(137,557)	(115,000)	(127,000)	(68,500)	(141,000)	(83,000)
	TOCHNAMAL							
	TOCUMWAL			(2.000)				
	Hill St 0-70 Hill St 70-392	-	-	(3,000)	-	-	-	-
	Hills St 392-492	-	-	(8,000)	-	-	-	-
	Boyd St 934-1161	(9,625)	-	(4,000)	-	-	-	-
	Browne St 00-102	(9,023)	(2,489)	(2,489)		-		-
	Hiles Crt	-	(2,489)	(2,403)	-	(2,500)	-	
	Jerilderie St 00-885	- -	(16,230)	-	-	(2,300)	-	
	Murray St 1030-1800		(10,230)	_	-	_	_	(6,500)
	Sugden St 450-606	(4,085)	_	-	_	_	-	(0,500)
	Ball Crt	(5,000)	_	_	-	_	-	_
	Bruce Birrell Dr	(5,000)	-	-	-	_	-	_
	Adams St - Morris to Jerilderie	-	-	-	-	-	-	(12,500)
	Anthony Ave - all	-	-	-	-	_	-	(4,000)
	Barker St - Falkiner to Denison	-	(6,633)	-	-	(8,500)	-	-
	Berrigan St - Hennessy to Denison	-	-	-	-	-	-	(8,000)
	Bruton St - Lorelle to 280 east	-	-	-	-	(10,000)	-	-
	Calaway St - Emily to Hannah	-	-	-	-	-	-	(6,000)
	Cobram St - Kelly to MR 550	-	-	-	-	(10,000)	-	-
	Cowly St - all	-	-	-	-	(_0,000)	-	(7,000)
	Duff St - Finley to Deniliquin	-	-	-	-	-	-	(4,500)
	Charlotte St Deniliquin to Hennessy	-	(3,049)	-	-	(3,500)	-	-
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	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Deniliquin St - Berrigan to Barker	-	(19,240)	-	(11,000)	-	-	-
Deniliquin St - Hannah St to 200m west	-	-	-	-	(4,500)	-	-
Hillson St - all	-	-	-	-	-	-	(4,000)
Hoyle St - George to Moore	-	-	-	-	(6,000)	-	-
Kelly St Emily to Jerilderie	-	-	-	-	-	(19,000)	-
Murray St Racecourse Rd to old fuel depot	-	-	-	-	-	-	(19,000)
Park St - Denison to Bruton	-	-	-	-	-	-	(3,000)
Riley Ct - Concrete to east	-	-	-	-	-	-	(3,000)
Riley Ct A - all	-	-	-	-	-	-	(1,500)
Town Beach Road - Deniliquin to WTP	-	-	-	-	-	(2,000)	-
Wise Ct	-	-	-	-	(10,000)	-	-
TOCUMWAL Total	(23,710)	(49,843)	(17,489)	(11,000)	(55,000)	(21,000)	(79,000)
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-		-	-	-	-	-
ONGROOPED TOTAL	_	_	_	_	_		-
URBAN ROADS - RESEALS EXPENDITURE Total	(76,326)	(283,326)	(196,722)	(193,500)	(202,540)	(202,000)	(204,500)
TOWNSCAPE WORKS INCOME							
BAROOGA							
To be determined	-	-	-	-	-	-	-
BAROOGA Total		-	-	-	-		-
5/11CCC/11CCC							
BERRIGAN							
To be determined	-	-	-	-	-	-	-
BERRIGAN Total	-	-	-	-	-	-	-
FINLEY							
To be determined	-	-	-	-	-	-	-
FINLEY Total	-	-	-	-	-	-	-
TOCUMWAL							
To be determined	-	-	-	-	-	-	-
TOCUMWAL Total	-	-	-	-	-	•	-
TOWNSCAPE WORKS INCOME Total	-	-	-	-	-	-	-
TOWNSCAPE WORKS EXPENDITURE							
BAROOGA							
Town Entry	-	(80,000)	(80,000)	-	-	-	_
BAROOGA Total	-	(80,000)	(80,000)	-	-	-	-
DANOGA Total		(55,555)	(00,000)	-		•	-
BERRIGAN							
Town Entry	(80,000)	-	-	-	-	-	-
BERRIGAN Total	(80,000)	-	-	-	-	-	-
TOCUMWAL							

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	App 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
To be determined	-	-	-	-	-	-	-
TOCUMWAL Total	-	-	-	-	-	-	-
UNGROUPED							
Town Entry	-	-	-	(80,000)	(80,000)	(80,000)	(80,000)
UNGROUPED Total	-	-	-	(80,000)	(80,000)	(80,000)	(80,000)
TOWNSCAPE WORKS EXPENDITURE Total	(80,000)	(80,000)	(80,000)	(80,000)	(80,000)	(80,000)	(80,000)
RURAL ROADS UNSEALED - RESHEET INCOME							
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-	-	-	-	-	-	-
RURAL ROADS UNSEALED - RESHEET INCOME Total	-	-	-	-	-	-	-
RURAL ROADS UNSEALED - RESHEET EXPENDITURE							
UNGROUPED							
Alexanders Rd From End of Bitumen to Old Toc Berrigan Rd	-	-	-	(60,000)	-	-	-
Burkes Rd from Plumptons Rd to Lawlors Rd	-	(100,000)	(100,000)	-	-	-	-
Clearviews Rd from Yarrawonga Rd to End	-	(77,000)	(77,000)	-	-	-	-
Jones Rd from fullers Rd to 3.7 south	(50,000)	(50,000)	(50,000)	-	-	-	-
Kilmarnock Rd 400 East of Thorntons Rd to 1.3km	-	(42,000)	(42,000)	-	-	-	-
Laffeys Rd from Coldwells Rd to Ennals Rd	-	(90,000)	-	(90,000)	-	-	-
Lawlors Rd from Thorntons Rd to 1.6k East	-	(64,000)	(64,000)	-	-	-	-
McDonalds Rd from Larkins Rd to Boundary	-	-	-	(110,000)	-	-	-
Miechels Rd from SH17 to 3.1km West	-	(139,000)	-	(139,000)	-	-	-
Ruwolts Rd from MR550 to 3.7km South	(205,000)	-	-	-	-	-	-
Shands Rd - 3.8 km North of Rockcliffs Rd to Shire Boundary	-	(50,000)	(50,000)	-	-	-	-
To be determined	-	-	-	-	(120,000)	(310,000)	(280,000)
Winters Rd from MR363 to 1.5km East	-	-	-	(40,000)	-	-	-
Womboin Rd from MR 363 to Nolans Rd	-	-	-	-	(121,000)	-	-
Womboin Rd from MR550 to Kennedy's Rd	-	-	-	-	(108,000)	-	-
Sandhills Rd -Piney to Boxwood, Form & Gravel	-	-	(200,000)	-	-	-	-
UNGROUPED Total	(255,000)	(612,000)	(583,000)	(439,000)	(349,000)	(310,000)	(280,000)
RURAL ROADS UNSEALED - RESHEET EXPENDITURE Total	(255,000)	(612,000)	(583,000)	(439,000)	(349,000)	(310,000)	(280,000)
RURAL ROADS SEALED - RESEALS INCOME							
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total	-	-		-	-	-	-
RURAL ROADS SEALED - RESEALS INCOME Total	-	-	-	-	-	-	-
The state of the s							
RURAL ROADS SEALED - RESEALS EXPENDITURE							
UNGROUPED							
Unallocated	-	-	-	_	-	-	-
Ondirocated							

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	А <mark>р</mark> р 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Burma Rd 00 to 1.3km	-	-	(25,000)	-	-	-	-
Melrose Rd 4950-7250	-	(48,300)	-	-	-	-	-
Oakenfall Rd 0-3924	-	(57,684)	-	-	-	-	-
South Coree Rd 0-1742	(40,250)	-	-	-	-	-	-
Woolshed Rd 13307-15180	(43,929)	-	-	-	-	-	-
Snell Rd 00-1299	-	(27,265)	(27,265)	-	-	-	-
Sullivans rd 2660-5873	-	(41,608)	(41,608)	-	-	-	-
Dalgliesh Rd	-	(23,076)	(23,076)	-	-	-	-
Piney Rd - Shoulder widening	-	-	-	-	(172,750)	-	-
Alexanders Rd - All	-	-	-	-	(17,000)	-	-
Babbingtons Rd - From Burma Rd for 876m	-	-	-	-	-	(18,000)	-
Battens Rd - All	-	-	-	-	-	-	(62,000)
Braybons Rd - All	-	-	-	-	-	-	(46,000)
Brookmanns Rd Full length	-	-	(32,000)	-	-	-	-
Burma Rd 932m fro Hutsons	-	-	-	-	-	(18,000)	-
Bushfield Rd - From MR 564 for 4km	-	-	-	-	-	(51,000)	-
Bushfield Rd - From Sullivans to Edgecombe	-	-	-	-	-	-	-
Caramar Rd - 6.8km east Back Barooga	-	-	-	(90,000)	-	-	-
Caramar Rd - 622m west Back Barooga	-	-	-	-	-	-	(14,000)
Caseys Rd - from 385 nth Piney for 985m	-	-	-	-	(13,000)	-	-
Caseys Rd - from 385 nth Piney to 955 south	-	-	-	-	-	(24,000)	-
Caseys Rd - from 955 sth Piney for 1095m south	-	-	-	-	-	-	(23,000)
Clearview Rd - all	-	-	-	-	(6,000)	_	-
Coldwells Rd from bottom of hill to Back Bar	-	-	(35,000)	-	-	_	-
Coldwells Rd 3621 from MR363	-	-	(63,000)	-	-	_	-
Coldwells Rd 3621 from Back Barooga 1.1km east	-	-	-	_	-	_	(15,000)
Curruthers Rd - All	-	-	-	-	-	-	(21,000)
Dales Rd - Tongs to Broughans	-	-	-	_	(51,000)	_	-
Draytons Rd- 1.24 west Yarrawonga Rd	-	-	(16,000)	_	-	_	-
Draytons Rd- 2.61 west boundary	-	-	(33,000)	-	_	-	-
Draytons Rd- wide section over hill	-	-	-	-	-	(12,000)	-
Edgecombe - All	-	-	-	_	-	-	-
Hogans Rd - All	-	-	-	_	-	_	(12,000)
Honibal Dve - All	-	-	-	-	_	(19,000)	-
Huestons Rd - All	-	-	-	_	_	-	-
Hutsons Rd - All	-	-	-	-	(20,000)	-	-
Kennedys Rd - All	-	-	-	_	-	-	-
Killeens Rd - From Ricemill	-	-	-	-	-	_	(9,000)
Lawlors Rd - All	-	-	-	_	_	(45,000)	-
Logie Brae Rd - McCallister to Larkins	-	-	-	(62,000)	_	-	_
Lower River Rd - 150m south levee for 376m	-	-	-	-	_	(7,000)	-
Lower River Rd - 1.9km from Tuppal Rd	-	-	-	-	-	(38,000)	-
Marian Dve - All	-	-	-	-	-	-	(14,000)
Marshes Rd - All	-	-	-	(45,000)	-	(16,000)	-
McCullochs Rd - All	-	-	-	-	_	(10,000)	(38,000)
Melrose Rd - from Woolshed for 5km	-	-	-	-	-	-	(113,000)
Narrow Plains Rd - All	-	-	-	-	_	(80,000)	-
Old Toc Rd -from Caseys 625 west	-	-	-	-	_	(00,000)	(11,000)
Old Foe No. Holling Gaseys 025 West							(11,000)

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	<mark>А</mark> рр 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Old Toc Rd -from Woolshed 1.9km east	-	-	-	-	-	-	-
Peppertree Rd - Vickers to Lockharts	-	-	-	-	-	(12,000)	-
Peppertree Rd - From MR363 for 350m	-	-	-	-	-	(5,000)	-
Peppertree Rd - Lockharts to East 2.2km	-	-	-	-	-	(42,000)	-
Pyles Rd - All	-	-	-	-	-	-	-
Pinelodge Rd - Hogans to boundary	-	-	-	-	(85,000)	-	-
Pinelodge Rd - Hogans to SH17	-	-	-	-	-	-	(59,000)
Piney Rd 2386 from Woolshed Rd	-	-	-	(30,000)	-	-	-
Piney Rd - 1.5km east Caseys Rd for 2004m	-	-	-	-	-	(25,000)	-
Piney Rd - Wide Section between Sandhills and Bridge	-	-	-	-	-	-	(25,000)
Quicks Rd Toc - All	-	-	-	-	-	-	(39,000)
Quicks Rd Bar - All	-	-	-	-	-	-	-
Quircks Rd Toc - Racecourse to Houstons	-	-	-	-	-	-	(21,000)
Racecourse Rd Toc - 552 from Newell Hwy	-	-	-	(15,000)	-	-	-
Racecourse Rd Toc - McCullochs to drainage channel	-	-	-	-	(30,000)	-	-
Racecourse Rd Toc - Rocks to Quirks	-	-	-	-	-	-	(20,000)
Racecourse Rd Ber - 1080 from Cobram St	-	-	-	(22,000)	-	-	-
Seppelts Rd - All	-	-	-	-	-	(29,000)	-
Shands Rd - MR356 to Rockcliffs Rd	-	-	-	(72,000)	-	-	-
Springfield Rd - all	-	-	-	-	(10,000)	-	-
South Coree Rd 1832 south McCallisters	-	-	(38,000)	-	-	-	-
South Coree Rd -from 200m nth Larkins for 1.6km	-	-	-	-	-	-	(37,000)
Stock Route Rd - All	-	-	-	-	-	(41,000)	-
Thorburns Rd - 687m from MR550	-	-	-	-	-	-	(9,000)
Tuppal Rd - from boundary for 5.2km	-	-	-	-	-	-	(108,000)
Tuppal Rd - from Lower River Rd 2.8k to east	-	-	-	-	-	-	(58,000)
Tuppal Rd - from 300m east Tucks for 4.9km west	-	-	-	-	-	-	(111,000)
Woolshed Rd from Piney Rd 2km nth	-	-	-	-	-	-	- (27.000)
Yarrawonga Rd - from Craigs Rd to 1850 sth	-	-	-	-	-	-	(37,000)
Yarrawonga Rd - from 640 nth Stonebrink for 5580 nth	-	-	-	-	-	-	(114,000)
Yarrawonga Rd - 4k sth Craigs Rd past Fuzzards	(04.470)	-	(222.040)	-	- (404 750)	-	-
UNGROUPED Total	(84,179)	(197,933)	(333,949)	(336,000)	(404,750)	(482,000)	(1,016,000)
DUDAL DOADS STALED DESTALS EVDENDITUDE Total	(04.170)	(107.022)	(222.040)	(226,000)	(404.750)	(482,000)	(1.016.000)
RURAL ROADS SEALED - RESEALS EXPENDITURE Total	(84,179)	(197,933)	(333,949)	(336,000)	(404,750)	(482,000)	(1,016,000)
RURAL ROADS CONSTRUCTION INCOME							
UNGROUPED							
Fixing Country Roads - Strathvale Rd	908,000	_	_	_	_	_	_
UNGROUPED Total	908,000		_	_	_		_
ONGROOPED Total	308,000	_	_	_		_	_
RURAL ROADS CONSTRUCTION INCOME Total	908,000	-	_	_	_	-	
NONAL NOADS CONSTNUCTION INCOINE TOTAL	506,000		-	•	-	•	
RURAL ROADS CONSTRUCTION EXPENDITURE							
UNGROUPED							
						(200,000)	(175,000)
Barnes Rd - Logie Brae Rd to Maxwells Rd Barnes Rd - Maxwell Rd to South Coree Rd	(65,000)	-	-	-	(220,000)	(200,000)	(175,000)
	(00,000)	•	-	-	(230,000)	(50,000)	(715 000)
Battens Rd MR356 to Green Swamp Rd	-		-	-	-	(150,000)	(715,000)
Caseys Rd 00 to 1.5km	-	-	-	-	-	(150,000)	(45,000)

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	App 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Clearzones	(150,000)	(75,000)	(75,000)	-	-	-	-
Coldwells Rd - 5300 to 6300 east of Berrigan-Barooga Rd	-	(125,000)	-	(125,000)	(25,000)	-	-
Draytons Rd - Withers Rd to Yarrawnga Rd	-	-	-	-	-	(350,000)	-
Piney Rd - Bends Section	(10,000)	-	-	-	-	-	-
Shands Rd - MR363 to Rockcliffs Rd	-	-	-	(190,000)	(55,000)	-	-
To be determined	-	-	-	-	-	-	-
Burma Rd 00 to 1.3km	-	(150,000)	-	-	-	-	-
Woolshed Rd 2.4 to 2.9 & 3.5 to 4.8	-	-	(300,000)	(35,000)	-	-	-
Yarrawonga Rd 00 to 2	(35,000)	-	-	-	-	-	-
Yarrawonga Rd 23608 to 24610	(20,000)	-	-	-	-	-	-
Maxwells Rd - 5.7 to 7.4	-	(200,000)	-	-	-	-	-
Piney Rd - 11.8 to 13.8	-	-	-	-	(295,000)	-	-
Bushfield Rd 00 to 5km	(175,000)	(335,000)	-	(335,000)	(175,000)	-	-
Yarrawonga Rd 20607 to 22607	(30,000)	-	-	-	-	-	-
Peppertree Rd - to 3.5 to 4.2 from woolshed	(100,000)	(12,000)	(12,000)	-	-	-	-
Crosbies Rd 0.1 to 2.7	(155,000)	(50,000)	(50,000)	-	-	-	-
Crosbies Rd from 4.4 to 5.7	(20,000)	-	-	-	-	-	-
Heavy Patching	(300,000)	-	-	-	-	-	-
Lower River Rd - Causeways 2.8 and 3.2	-	-	(200,000)	-	(200,000)	-	-
Strathvale Rd	(1,102,000)	-	-	-	-	-	-
Woolshed Rd 21.0-22.0	(150,000)	(22,750)	(22,750)	-	-	-	-
Maxwells Rd - Larkins Rd to Riverina Hwy	-	-	(200,000)	-	(235,000)	(235,000)	(235,000)
Melrose Rd - 9637 to 10653	-	-	(180,000)	-	-	-	-
Coldwells Rd	-	-	-	(235,000)	(35,000)	-	-
UNGROUPED Total	(2,312,000)	(969,750)	(1,039,750)	(920,000)	(1,250,000)	(985,000)	(1,170,000)
RURAL ROADS CONSTRUCTION EXPENDITURE Total	(2,312,000)	(969,750)	(1,039,750)	(920,000)	(1,250,000)	(985,000)	(1,170,000)
RMS WORKS INCOME							
UNGROUPED							
RMS Block	175,000	175,000	175,000	175,000	175,000	175,000	175,000
RMS Repair	175,000	175,000	175,000	175,000	175,000	175,000	175,000
UNGROUPED Total	350,000	350,000	350,000	350,000	350,000	350,000	350,000
RMS WORKS INCOME Total	350,000	350,000	350,000	350,000	350,000	350,000	350,000
RMS WORKS EXPENDITURE							
UNGROUPED							
Various Main Roads	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)
UNGROUPED Total	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)
ONGROOPED Total	(330,000)	(330,000)	(330,000)	(330,000)	(330,000)	(330,000)	(330,000)
RMS WORKS EXPENDITURE Total	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)
R2R GRANT							
UNGROUPED							
To be determined	349,551	625,500	702,000	702,000	702,000	702,000	702,000
UNGROUPED Total	349,551	625,500	702,000	702,000	702,000	702,000	702,000
	, , , , , , , , , , , , , , , , , , , ,	,	,	,	,		,

	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
Grand Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
R2R GRANT Total	349,551	625,500	702,000	702,000	702,000	702,000	702,000
FOOTPATHS INCOME							
BAROOGA							
Nangunia St - Botanical Gardens to Takari St	30,000	-	-	-	-	-	-
BAROOGA Total	30,000	-	-	-	-	-	-
FINI EV							
FINLEY Tongs St. Corpo St to Murroy St.	10.000						
Tongs St - Coree St to Murray St	10,000	-	-	-	-	-	-
Coree St McNamara to Tongs	-	-	-	23,000	-	-	-
Dawe Ave - Finley Regional Care to Pre-School Donaldson Street - Schoullar to Dawe	-	-	18,500 6,000	-	-	-	-
	-	-	3,000	-	-	-	
Schoullar St - Donaldson to Finley Regional Care FINLEY Total	10,000	-	27,500	-	-	-	-
FINLET TOTAL	10,000	-	27,500	23,000	-	-	-
TOCUMWAL							
Jerilderie St Nth	-	25,000	25,000	-	-	-	-
SCCF - Extension Path Network	180,500	-	-	-	-	_	_
Bruton St - Anthony to Hannah	-	-	-	-	13,500	_	_
Hannah St - Hennessy to Bruton	_	-	_	_	21,500	_	_
TOCUMWAL Total	180,500	25,000	25,000	_	35,000	_	-
1000 WWAL TOTAL	100,500	23,000	23,000		33,000		
FOOTPATHS INCOME Total	220,500	25,000	52,500	23,000	35,000	-	_
			0_,000		22,222		
FOOTPATHS EXPENDITURE							
BAROOGA							
Nangunia St - Botanical Gardens to Takari St	(63,200)	-	-	-	-	-	-
BAROOGA Total	(63,200)	-	-	-	-	-	-
BERRIGAN							
Finley St Detention Basin	-	-	-	(20,000)	-	-	-
Hayes Park Toilets Footpath	(3,000)	-	-	-	-	-	-
Racecourse Rd - Walking Tr Cobram to Jerilderie	-	-	(50,000)	-	-	-	-
BERRIGAN Total	(3,000)	-	(50,000)	(20,000)	-	-	-
FINLEY							
Tong St walking Track	(10,000)	-	-	-	-	-	-
Tongs St - Coree St to Murray St	(30,000)	-	-	-	-	-	-
Coree St McNamara to Tongs	-	-	-	(48,000)	-	-	-
Dawe Ave - Finley Regional Care to Pre-School	-	-	(40,000)	-	-	-	-
Donaldson Street - Schoullar to Dawe	-	-	(13,000)	-	-	-	-
Schoullar St - Donaldson to Finley Regional Care	-	-	(7,000)	-	-	-	-
FINLEY Total	(40,000)	-	(60,000)	(48,000)	-	-	-
TOCUMWAL							
Jerilderie St Nth	-	(60,000)	(60,000)	-	-	-	-
SCCF - Walking track to Quicks Rd / Babingtons / MR550	(180,500)	-	-	-	-	-	-
Bruton St - Anthony to Hannah	-	-	-	-	(30,000)	-	-

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	FINAL ADOPTED 2018-19	ORIGINAL 2019-20	PROPOSED 2019-20	2020-21	2021-22	2022-23	Ap 2023-24
and Total	(9,082,904)	(7,191,909)	(7,554,466)	(3,789,250)	(4,538,040)	(5,306,500)	(3,570,000)
Hannah St - Hennessy to Bruton	-	-	-	-	(45,000)	-	-
TOCUMWAL Total	(180,500)	(60,000)	(60,000)	-	(75,000)	-	-
UNGROUPED							
Street Lighting in Towns	(10,000)	-	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)
New Footpaths / replace existing	(35,000)	(35,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)
UNGROUPED Total	(45,000)	(35,000)	(20,000)	(20,000)	(20,000)	(20,000)	(60,000)
FOOTPATHS EXPENDITURE Total	(331,700)	(95,000)	(190,000)	(88,000)	(95,000)	(20,000)	(60,000)
SHIRE ROADS Total	(1,839,154)	(1,817,659)	(1,807,921)	(1,440,500)	(1,741,290)	(1,426,000)	(2,228,500)
PUBLIC HEALTH & SAFETY							
PUBLIC HEALTH & SAFETY EXPENDITURE							
BERRIGAN							
Pound Facilities Upgrade	-	-	(120,000)	-	-	-	-
BERRIGAN Total	-	-	(120,000)	-	-	-	-
PUBLIC HEALTH & SAFETY EXPENDITURE Total	-	-	(120,000)	-	-	-	-
PUBLIC HEALTH & SAFETY INCOME							
UNGROUPED							
To be determined	-	-	-	-	-	-	-
UNGROUPED Total		-	-	-	-	-	-
PUBLIC HEALTH & SAFETY INCOME Total	-	-	-	-	-	-	-
DUDUC UFALTU O CAFFTY Total			(120,000)				
PUBLIC HEALTH & SAFETY Total	-	-	(120,000)	-	-	-	-
and Total	(9,082,904)	(7,191,909)	(7,554,466)	(2.700.250)	(4,538,040)	(5,306,500)	(2 570 000)



WAAAF Creek Walk – a project of the Rotary Club of Tocumwal Concept Plan Report

February 2019

Berrigan Shire Council, Tocumwal Rotary and Tocumwal Farmers Market &
Liesl Malan Landscape Architects

LM·LA

Acknowledgements

Acknowledgement of Country

We acknowledge the Elders past, present and future and the Traditional Peoples whose lands includes Tocumwal.

Acknowledgements

Berrigan Shire Council

- · Matt Hansen Director Corporate Services BSC
- Jo Ruffin Strategic and Social Planning Coordinator BSC

Tocumwal Rotary Club

- · Kerry Davies
- · Anne Pyle,
- · Sally Ivonne
- · Bob Adam,

Tocumwal Farmers Market

• Representatives from the Tocumwal Regional Farmers Market

The Project Team

Liesl Malan Landscape Architects were the lead consultants for this project.

Team members:

- Liesl Malan Registered Landscape Architect
- · Claire Reynolds Registered Landscape Architect
- · Georgia Carroll Graduate Landscape Architect
- · Deepthi Kurian Graduate Landscape Architect

Disclaimer

Glossary

BSC - Berrigan Shire Council

TRC - Tocumwal Rotary Club

TFM - Tocumwal Farmers Market

LMLA - Liesl Malan Landscape Architects

Note

Outlined text provides hyperlinks to further information. Please use the PDF version to access these links.

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Two WAAAF flight mechanics checking aircraft engine components at RAAF Station Tocumwal, 1944. C291700 - Australian War Memorial

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Executive Summary

A path to link Tocumwal's visitor accommodation with Golf Course and Splash Park



WAAAF' Recruitment Poster

This project is a collaborative initiative between Berrigan Shire Council, Tocumwal Rotary and the Tocumwal Farmers Market. It has been undertaken to further improve Tocumwal for the community. It supports the works being undertaken at the Foreshore by improving connections and access.

Improved connections for Tocumwal

Tocumwal has been identified by Berrigan Shire Council as a key visitor destination and a growing township within the LGA. This project is an upgrade to an existing trail to improve pedestrian and cyclist access for locals and visitors. The overall concept plan connects Tocumwal via a continuous shared path to the Town Walk, Bird Walk, Riverside Walk (proposed), Levee Walk (proposed). This path network will link the town centre, foreshore, splash park, Town Beach, Tocumwal Golf Course (future museum), Tocumwal PS, Sacred Heart School, Preschool, Kelly St Reserve (off the leash dog park) and 5 hotels/motels. It will improve the livability of Tocumwal at the town scale.

A staged approach

The plan has been staged to priortise addressing safety concerns first. Other works have been developed as small projects, able to be undertaken independently of each other. Staging and project division ensures that the works are of a manageable scale.

Tocumwal History Showcased

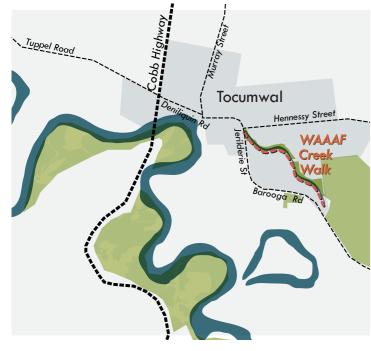
Tocumwal's history during WWII is an asset for the town to build on. Not only was it home to the largest Aerodrome in the southern hemisphere, it was also the largest encampment of the Women's Australian Air Force Auxiliary Force (WAAAF). This project continues the preservation of the route the WAAAF used to access the town centre. The plan includes interpretation opportunities and feature elements to tell stories of the Tocumwal Airbase WAAAF. The role of the WAAAF in WWII and the role of women in Australian society will provide context and meaning to the story. This is an opportunity to pass on important Australian heritage to the next generation.

Habitat and environmental improvements

The plans propose a staged revegetation program coupled with weed management and tree management to revitalise the creek environment. The proposal is designed to improve the ongoing maintenance issues within the creek environment, in the long term.

Project Background

Introduction & Context





What triggered this Concept Plan?

Tocumwal Rotary (Rotary), Berrigan Shire Council (BSC) and the Tocumwal Farmers Market commissioned the WAAAF Creek Walk Concept

The trail has been maintained by Rotary for the last 20 years. Maintenance of the site has been getting more difficult as Rotary members are getting older. There is concern that the creek is becoming unsightly (weeds). The community want to tell the WAAAF story and frame it for a contemporary audience.

Purpose of Concept Plan

- · Review the existing trail and upgrade to improve access and, where appropriate, meet DDA requirements. The path may not necessarily provide full DDA access to all areas and signage and interpretation may need to be considered to offer those with mobility challenges alternative ways to enjoy the WAAAF Walk experience
- Provide a path along the southern side of the Creek only
- Consider safety aspects for golf buggy and mobility scooter users and options to restrict vehicle access to the Walk (other than maintenance vehicles)
- Strengthen and improve connections to the northern side of creek and connect to existing road and pedestrian network where possible
- Incorporate opportunities to connect the WAAAF Walk to the Murray River (near existing water treatment plant)
- Incorporate opportunities to connect the WAAAF Walk to the Tocumwal CBD and the Foreshore
- Develop a Concept Plan which provides a conceptual overview of the WAAAF Creek Trail with more detailed plans (zoom-ins) required for key areas and creek crossings

Previous Reports, Plans and Strategies

- · Tocumwal Pedestrian Access And Mobility Plan - Des Gunn Landscape Design/Berrigan Shire Council - Adopted 16th July, 2014
- Tocumwal Town Concept Plan 2015 LMLA
- · Tocumwal Foreshore Masterplan 2016 -
- Berrigan Shire 2027 Our Community Strategic
- BSC Tourism Strategy 2014-2018 Berrigan Shire Council
- BSC Active Ageing And Disability Inclusion Plan - Disability Inclusion Action Plan -2017 -2021

How to use this report

The Report has been divided into a series of individual projects. This Report has been written based on the current priorities. Delivering the Plan will require flexibility in priorities to be responsive to funding/resourcing opportunities. Each project section in the Report can be separated. The sections can be used to:

- · form the basis of a brief
- support funding applications
- · facilitate discussions with relevant authorities
- coordinate projects internally
- support press releases
- · engage and empower community members to contribute to achieving the overall vision for The WAAAF Creek Trail

WAAAF History at the creek & Tocumwal

This creek-side trail linked the Tocumwal town centre with the largest airforce establishment in Australia. At its peak, 4,581 RAAF servicemen and 422 WAAAF service-women served on the base.

The WAAAF's were essential to the running of Tocumwal Aerodrome. They were involved in signals communications, flying administration, aircraft, engine, instruments and parachute maintenance, transport, stores and offices as well as more traditional roles in the mess hall, laundries and offices.

They are proud of their service. The WAAAF were needed by the Air Force and they fulfilled their roles with flair and competence. They were considered to make a double contribution to the war effort, as their work released many men for active duty. It should be noted that the WAAAF were, however, paid 2/3rd (or less) the equivalent ranked pay of a service-man.

Tocumwal Aerodrome was a culture shock after their sheltered family lives. Conditions were communal and spartan with 28 women to a cottage. Learning trades and working alongside men, were new challenges. Male/female ratio was ten to one. They worked 6.5 days a week and had a full social life. They made time to make curtains and flower beds for their huts. Dances, engagements and weddings brightened the hard times. They recall the time with happiness.

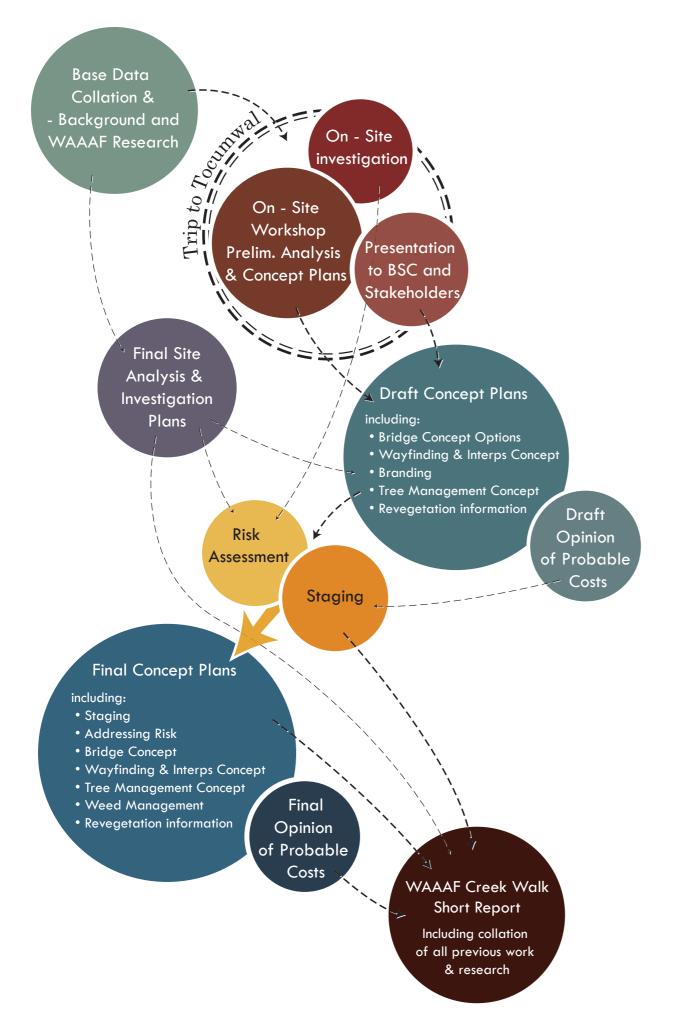
"it was a terrible time, it was a horrific time, but you wouldn't have missed it for anything because it gave us a different outlook on life, it made us more understanding of a lot of things and it made brothers and sisters of a lot of people who would never have known each other otherwise."

Judy Stone, WAAAF

Joanna Penglase and David Horner, When the War Came to Australia, Allen and Unwin, Sydney, 1992 pages 49 - 50, 245

Project Process and Community Input

A community driven project



The following design process was undertaken:
On site investigation, workshop &

On site investigation, workshop & presentation

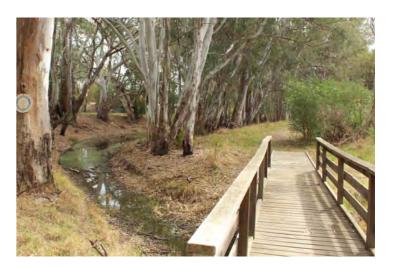
- LMLA walked the creek with BSC and Rotary members to discuss site opportunities and constraints. Links to town were investigated and confirmed on foot
- Hand drawn analysis & concept plans were developed on location to confirm the outcomes of the site visit
- A workshop meeting with BSC and Stakeholders was held to discuss the plans and findings
- The plans were shared with other interested community members for their feedback

Draft Concept Plans

- A concept plan with integrated path system to connect to Tocumwal's existing path network was developed
- · Zoom-in plans covered the whole trail
- Wayfinding and interpretation elements were developed
- Tree management and revegetation information was developed
- · A Draft OPC was created to liaise with BSC
- Rotary discussed the plans and voted to adopt all elements with minor tweaks
- BSC presented the plans to the Councillors who asked that the plans address risk issues first, reduce the scale of the plan & its aspirations and identify staging for projects

Final Concept Plans

- The feedback directed changes to the plans, concepts and OPC
- A risk management analysis was undertaken with BSC input
- Staging was developed in collaboration with BSC and Rotary
- Wayfinding, interpretation and revegetation concepts were further developed
- · The Report was finalised



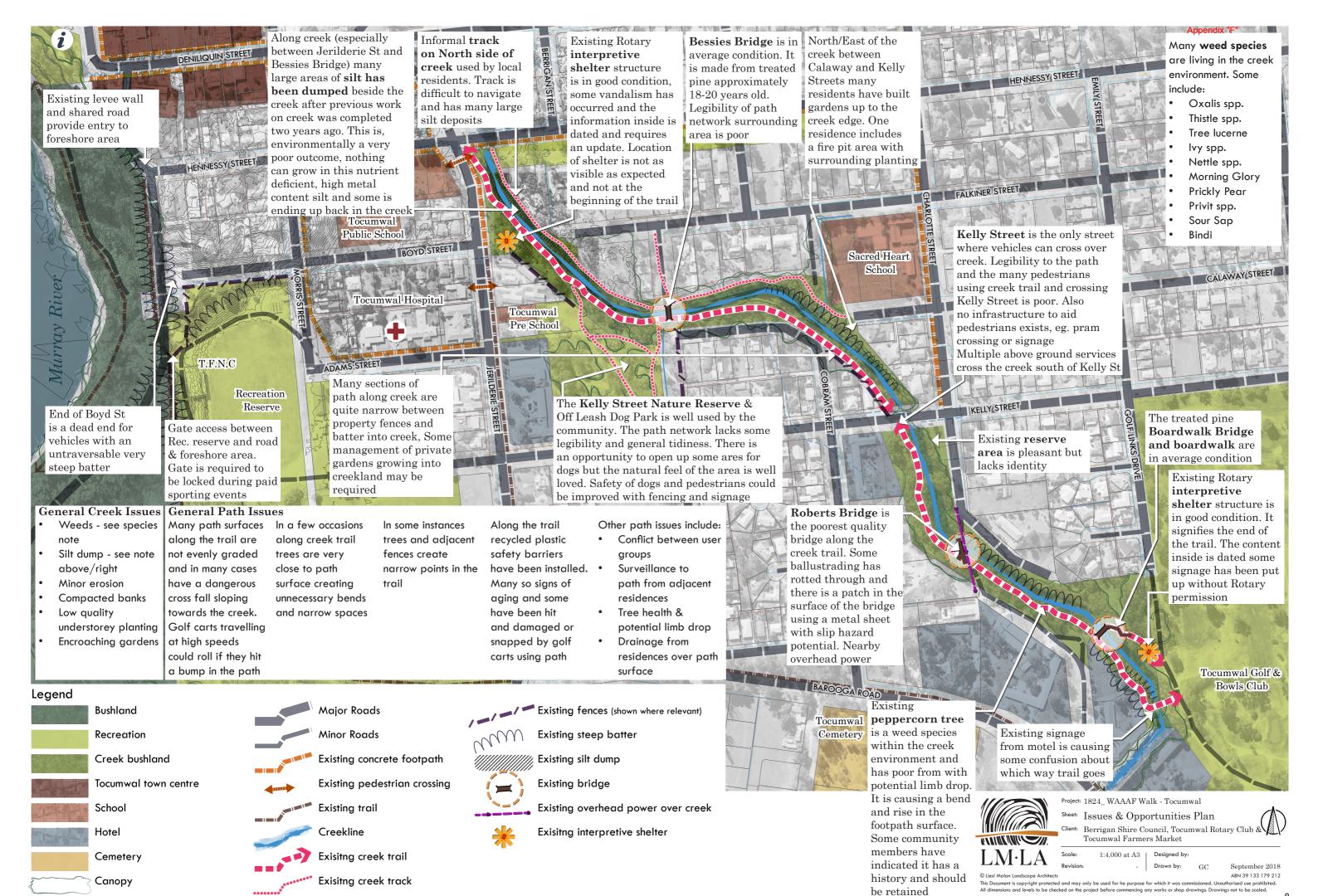


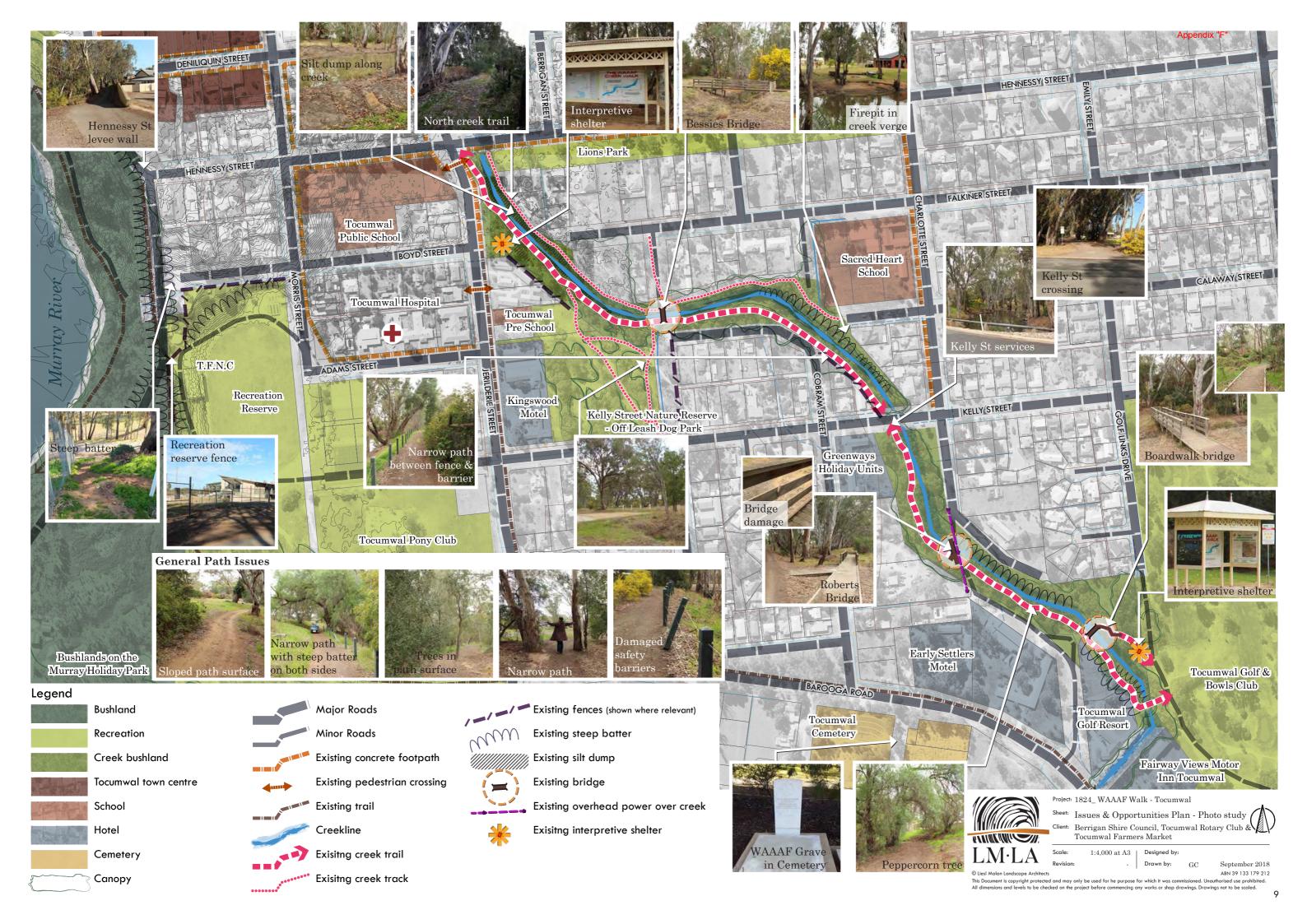


WAAAF's picnic by the Murray River - Tocumwal Historic Aerodrome Museum

Analysis and Risk Assessment







Risk Assessment

Prioritising safety

Risk focused approach

BSC requested that the works prioritise risk issues. LMLA has undertaken a risk assessment in collaboration with Michelle Koopman Enterprise Risk Manager BSC. Definitions of risk type, consequence, likelihood and risk level are all based on the Risk Management Policy & Framework 2017.

Staging

The level of risk and the type have been used to determine which works should be prioritised into Stage 1. Some works are more cost-effective if undertaken with other works e.g. the path resurfacing and grading of the track. These works have therefore been grouped in the same stage.

Refer Berrigan Shire Council Policy 17 Risk Management Policy & Framework Version 04 March 2017

t the trisk Management 1 oney & Framework 2017. Have therefore been grouped in the same stage.								
Hazard	Risk	Risk Type	Consequence (1 - 5)	Likelihood (A - E)	Risk Level	Recommendations	Stage	\$
At the Kelly Street road crossing vehicles have low awareness of pedestrians & cyclists using Creek Walk	Vehicle could hit pedestrian crossing street	Public Liability	5	С	High	Install signage to indicate to vehicles pedestrian crossing	Stage 1	\$
Golf carts travelling along Creek Walk at high speeds under hazardous circumstances	Pedestrian or cyclist could get hit by or hurt while trying to avoid golf cart	Public Liability	4	С	High	Restrict access to Creek Walk for Golf Carts	Stage 1	\$\$
Trees with dieback	Limb drop onto pedestrian or cyclist could cause injury	Public Liability	3	В	High	Arborist assessment of trees along creek walk and subsequent management	Stage 1	\$\$
Ageing bridge infrastructure	Damage or collapse could occur during use and cause injury	Public Liability	3	D	Medium	Replace bridges using robust and long lasting materials	Stage 1	\$\$\$
Kelly Street road crossing no pram crossings	Difficult to traverse kerb could cause accident between Creek Walk user eg. Mobility scooter and vehicle	Public Liability	3	D	Medium	Install pram crossings in kerb to allow access for all abilities crossing	Stage 1	\$
Damaged safety barriers	Pedestrian could fall through gap and down slope or fall onto sharp damaged bollard fencing	Public Liability	3	С	High	fix existing damaged elements. Consider replacement of recycled plastic bollard with more robust product	Stage 1	\$\$
Slope on path	Slip risk for pedestrians, roll potential for golf carts	Public Liability	2/3	В/С	Medium/ High	Implement coir logs & gabion baskets in path design to regrade path surface (undertake at same time as addressing uneven path surface)	Stage 1	\$\$
Uneven path surface, can be wet and muddy, some areas of silt dump from creek clearing works	Slip and fall risks for pedestrians	Public Liability	2	D	Low	Re-surface path with smooth gravel finish (undertake at same time as addressing slope on path)	Stage 1	\$\$
Dogs from Kelly Street Nature Reserve off-leash dog park	Dogs run out in front of cars from park, may cause vehicles to swerve and have a traffic accident	Public Liability	3	В	High	Install fence along front of reserve	Stage 1	\$
Track North of creek has silt dumps creating uneven ground	Trip and fall risks for pedestrians	Public Liability	2	В	Medium	Remove silt and provide even ground along informal track	Future	\$
Ageing and damaged furniture	Injury risk if person sits on unstable, deteriorating furniture	Public Liability	2	С	Medium	Replace furniture along Creek Walk	Public Open Space	\$\$
No lighting along Creek Walk	Injury or incident occurs along Creek Walk during evening	Public Liability	2	С	Medium	Discourage evening use. Monitor and consider using solar lighting if required	Future	
Creek Walk legibility	Visitors get confused or lost due to inconsistent name of walk, insufficient detail regarding walk and poor signage and information available along the walk	Community & Government reputation	1	D	Low	Establish walk identity and name and install wayfinding signage along walk.	Interps & Wayfinding	\$\$
High quantity of weeds within creek environment	Spread of weeds through creek reducing quality of environment downstream	Environment	3	С	High	Extensive removal of weeds and undertake revegetation of creek	Weeds & reveg.	\$\$\$\$

Bridge Assessment

Existing bridge quality

Bessies Bridge



Robert's Bridge



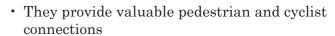
Boardwalk Bridge

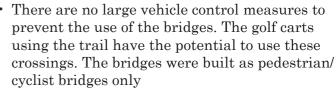


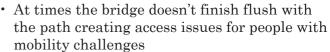
their general condition: · The bridges and boardwalk are around 18 years

LMLA has undertaken a visual assessment of the bridge conditions. The following notes summarise

General bridge quality statement







- Part of the boardwalk is overgrown with vegetation creating areas that don't achieve Crime Prevention Through Environmental Guidelines best practice outcomes. There have been complaints about public urination in this
- The bridges are made with a treated pine structure and decking boards. The type of treated pine is unknown
- There are signs that significant repairs to structural elements and the decking have been required recently







Kink in boardwalk and tree conceals oncoming pedestrians and creates a CPTEI concern

Treated pine has a limited lifespan

The expected lifespan of treated pine varies depending on type/ class and size of timber, as well as the site conditions. Serviceable lifespan expected for treated pine in these conditions is generally considered to be up to 20 years.



Replaced timber



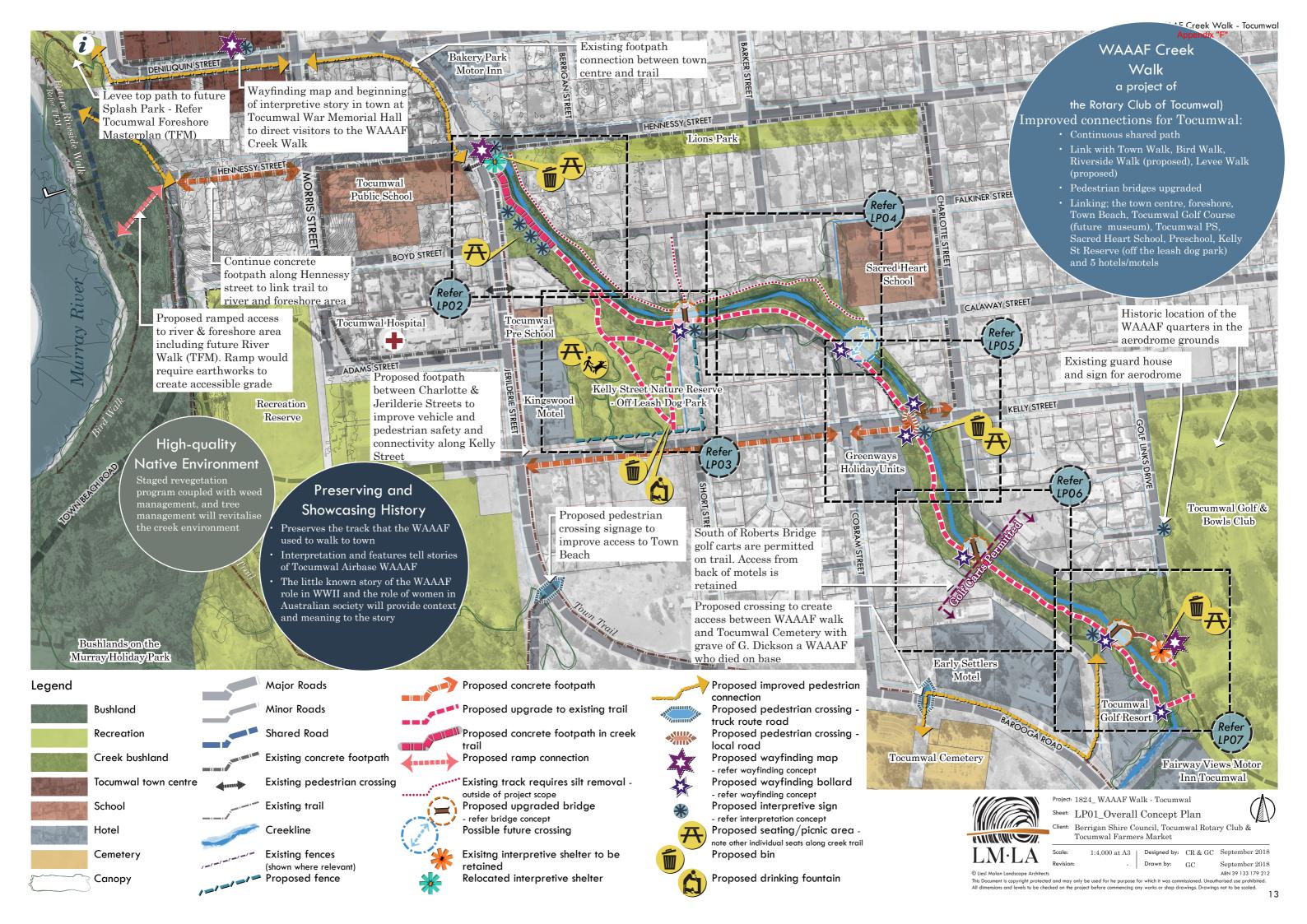




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Masterplan and Staging





Staging Plan

Staging Rationale

The following approach to staging was identified:

- Prioritise projects in the Creek Walk environs based on addressing safety concerns (Stage 1)
- Break up the overall project into achievable small projects that will be able to apply for funding grants or be championed by the community
- · Refer to the Risk Assessment section of this report for more information

Staging



Stage 1 – Path Works and Safety Priority



Public Open Space Stages



Wayfinding & Interpretation Stage



Weed Control & Reveg. Stage



Works outside of Project Scope



Legend

Proposed upgrade to existing trail



Proposed upgrade to Kelly Street Crossing Proposed upgraded bridge

Proposed fence

Proposed post & rail fence



Public open space areas

Proposed seating/picnic area

---- Proposed upgrade to existing path

Proposed concrete footpath in creek trail



Exisitng interpretive shelter to be retained Proposed wayfinding map Proposed wayfinding bollard Proposed interpretive sign



Proposed revegeation to creek



Proposed screening revegetation



Proposed future concrete footpath



Existing track requires silt removal



Improved pedestrian connection



Proposed future pedestrian crossing - truck route road

Proposed future ramp connection

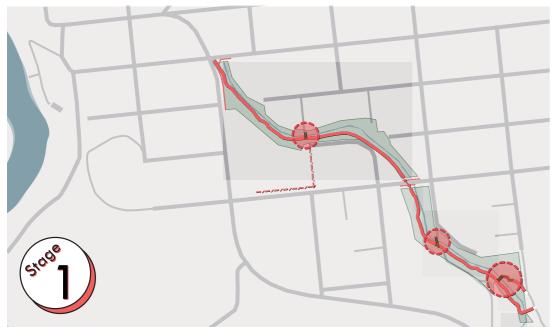
Possible future new bridge





Sheet: Staging Plan

Drawn: GC October 2018



Stage 1 – Path Works and Safety Priority

- Path upgrades (surface and grading)
- Tree assessment and associated works
- · Bridge upgrades
- Fencing and golf cart access control points
- Fencing at Kelly Street Reserve
- Kelly Street Crossing

Individual Stages

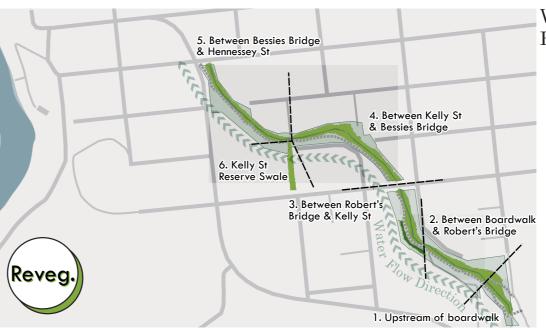
Stage Order

- 1. Stage 1 should be completed first.
- 2. All other works can be undertaken independently of each other as funding opportunities arise. The works have been broken up to suit community organisations / members leading the works



Public Open Space Stages

- Kelly Street Nature Reserve - path upgrade, understorey clearing and furniture
- Charlotte Street / Kelly Street Picnic area
- Golf Club end of trail furniture



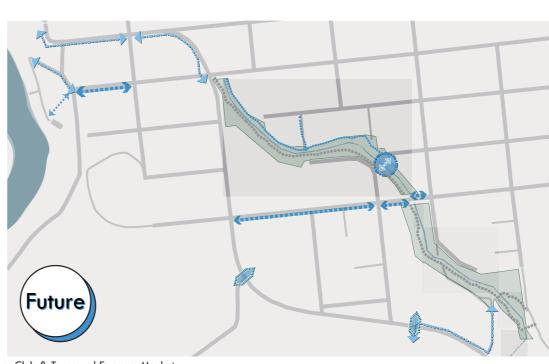
Weed Control & Revegetation Stage

- Clearing creek of invasive weed species beginning upstream to minimise weed spread
- Revegetation of creek in small sections beginning upstream



Wayfinding & Interpretation Stage

- Trailhead (including parking, picnic space etc)
- Relocation and refurbishment of existing shelters
- Interpretation signage
- Wayfinding signage



Works outside of Project Scope

- Track on north side silt removal
- Kelly St footpath
- Hennessy St footpath and ramp to river
- Crossings (signage only) over Barooga Road near the cemetery and bushlands
- Lighting along Creek Walk
- Future possible bridge at Cobram / Sacred Heart School

Estimate of Project Costs

Carefully planned and costed

	Item	Sub total	Contingency at 25%	Sub total inc contingency	GST 10%	Total
Sta	ge 1 – Path Works and Safety Priority	\$443,325.00	\$110,831.25	\$554,156.25	\$55,415.63	\$609,571.88
	Preliminaries and earthworks	\$23,000.00	\$5,750.00	\$28,750.00	\$2,875.00	\$31,625
	Grading and retaining walls and associated path	\$56,350.00	\$14,087.50	\$70,437.50	\$7,043.75	\$77,481.25
	Paths (not associated with grading works)	\$91,425.00	\$22,856.25	\$114,281.25	\$11,428.13	\$125,709.38
	Kelly Street crossing - pram crossings & signage	\$1,500.00	\$375.00	\$1,875.00	\$187.50	\$2,062.50
	Kelly Street Nature Reserve fencing	\$37,600.00	\$9,400.00	\$47,000.00	\$4,700.00	\$51,700.00
	Access Control post & rail fencing and bollards	\$82,450.00	\$20,612.50	\$103,062.50	\$10,306.25	\$113,368.75
	Bridge and boardwalk upgrades	\$151,000.00	\$37,750.00	\$188,750.00	\$18,875.00	\$207,625.00
Puk	olic Open Space Stages	\$54,137.00	\$13,534.25	\$67,671.25	\$6,767.13	\$74,438.38
	Kelly Street Nature Reserve	\$37,327.00	\$9,331.75	\$46,658.75	\$4,665.88	\$51,324.63
	Kelly Street / Charlotte Street Picnic area	\$8,405.00	\$2,101.25	\$10,506.25	\$1,050.63	\$11,556.88
	Golf Course Picnic area	\$8,405.00	\$2,101.25	\$10,506.25	\$1,050.63	\$11,556.88
Wo	ayfinding & Interpretation Stage	\$190,760.00	\$47,690.00	\$238,450.00	\$10,395.00	\$114,345.00
	Trailhead including preliminaries, concrete footpath, shelter relocation & refurbishment and car park	\$107,600.00	\$26,900.00	\$134,500.00	\$13,450.00	\$147,950.00
	Wayfinding & Interpretive signage (including shelter display) - research, curation, copy writing, graphic design, form design & detailing, fabrication and installation	\$74,000.00	\$18,500.00	\$92,500.00	\$9,250.00	\$101,750.00
	Furniture	\$9,160.00	\$2,290.00	\$11,450.00	\$1,145.00	\$12,595.00

Note:

- Whilst every effort has been taken to ensure accuracy Liesl Malan Landscape Architects cannot accept liability arising from the use thereof.
- This OPC includes construction costs only, it does not include consultancy fees associated with additional design for revised scope, documentation and project management.
 This OPC is based on a Concept Plan only and is subject to variation during documentation
- · All rates are to be confirmed by Berrigan Shire Council.

Estimate of Project Costs

Carefully planned and costed

Item	Sub total	Contingency at 25%	Sub total inc contingency	GST 10%	Total
Weed Control & Reveg. Stage	\$293,635.00	\$73,408.75	\$367,043.75	\$36,704.38	\$403,748.13
Design and documentation of revegetation works	\$15,000.00	\$3,750.00	\$18,750.00	\$1,875.00	\$20,625.00
Revegetation. Stage 1. Upstream of boardwalk	\$30,385.00	\$7,596.25	\$37,981.25	\$3,798.13	\$41,779.38
Revegetation Stage 2. Between Boardwalk & Robert's Bridge	\$49,900.00	\$12,475.00	\$62,375.00	\$6,237.50	\$68,612.50
Revegetation Stage 3. Between Robert's Bridge & Kelly St	\$35,320.00	\$8,830.00	\$44,150.00	\$4,415.00	\$48,565.00
Revegetation Stage 4. Between Kelly St & Bessies Bridge	\$79,000.00	\$19,750.00	\$98,750.00	\$9,875.00	\$108,625.00
Revegetation Stage 5. Between Bessies Bridge & Hennessey St	\$44,770.00	\$11,192.50	\$55,962.50	\$5,596.25	\$61,558.75
Revegetation. Stage 6. Kelly St Reserve Swale	\$27,520.00	\$6,880.00	\$34,400.00	\$3,440.00	\$37,840.00
Revegetation screening shrub species	\$11,740.00	\$2,935.00	\$14,675.00	\$1,467.50	\$16,142.50
Project total (excluding works outside of project scope)	\$443,325.00	\$110,831.25	\$554,156.25	\$55,415.63	\$609,571.88
Works outside of Project Scope	\$294,700.00	\$73,675.00	\$368,375.00	\$36,837.50	\$405,212.50
Removal of all silt dumps from north side of creek bank		BSC - ongoing m	naintenance budget		
Concrete footpaths on naturestrips - Hennessy Street	\$48,000.00	\$12,000.00	\$60,000.00	\$6,000.00	\$66,000.00
Concrete footpaths on naturestrips - Kelly Street	\$149,700.00	\$37,425.00	\$187,125.00	\$18,712.50	\$205,837.50
Earthern Ramp in Foreshore	\$30,000.00	\$7,500.00	\$37,500.00	\$3,750.00	\$41,250.00
Pedestrian crossing x 2 (signage only) over Barooga Road	\$1,000.00	\$250.00	\$1,250.00	\$125.00	\$1,375.00
Lighting along Creek Walk at trail head area	\$30,000.00	\$7,500.00	\$37,500.00	\$3,750.00	\$41,250.00
	\$36,000.00	\$9,000.00	\$45,000.00	\$4,500.00	\$49,500.00

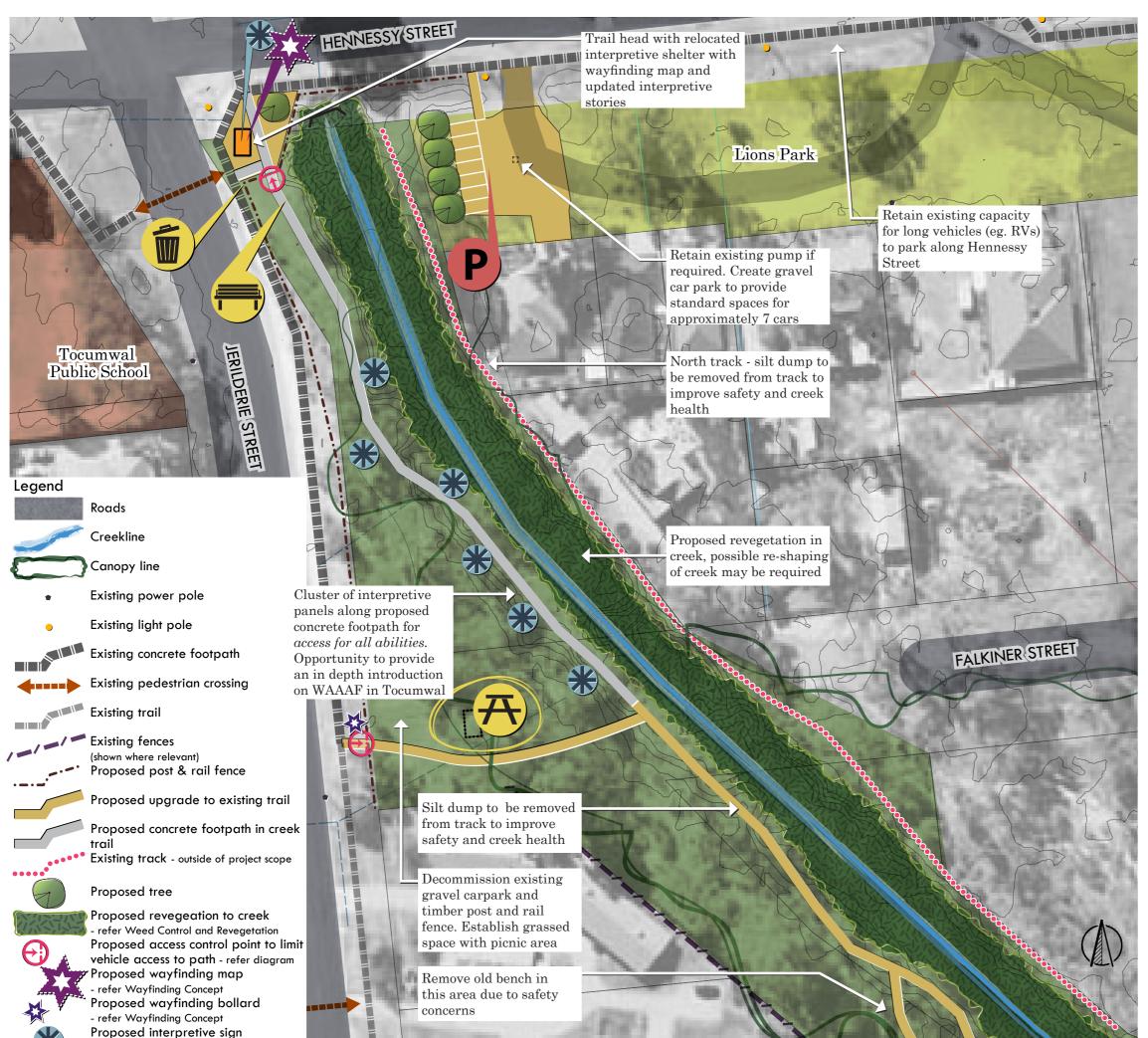
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- ${\boldsymbol{\cdot}}$ All rates are to be confirmed by Berrigan Shire Council

Detailed Plans

WAAAF members performing maintenance on RAAF aeroplane, 1943 - Australian War Memorial





- refer Interpretation Concept

WAAAF Creek Trailhead Trailhead Trailhead Trailhead

Access and Linkages

- Start of trail
- Links to Tocumwal PS, town centre, foreshore and Bird Walk
- A section of concrete path has been included to ensure access for all abilities at the interpretation
- Golf carts to be restricted from accessing this section of the trail

Interpretation and Wayfinding

The main display of interpretation with all abilities access

- Relocate existing shelter and include wayfinding map and honour role of WAAAF who served at Tocumwal Airbase
- Stories to be covered: the largest encampment of WAAAF, life on base, life in town, work of WAAAF (general and at Tocumwal), contrast to pre and post-war role of Women in Australia
- Refer to interpretation section of report for more detail

Uses and Activities

- Trailhead provides outdoor WAAAF museum
- The picnic area offers a passive outdoor recreation space tailored to the needs of families, grey nomads, visitors and the local community
- The shared path is part of an extensive network along the entire town and provides a range of outdoor recreation opportunities

Revegetation and Maintenance

- Creek to be planted with indigenous riparian species as part of the staged weed management and revegetation works
- Plantings to address erosion issues near the Hennessey Street culvert
- This section of the creek will be the most visited and should be prioritised for weed control
- Due to the high number of visitors, this area should be prioritised for tree assessment and management



Sheet: LP02_ Jerilderie Street Concept Plan

Scale: 1:750 at A3

Drawn: GC October 2018

Dog Park and Bessie's Bridge

Access and Linkages

- Upgrade to existing bridge. This Bridge provides a link to the dog walking park for residents on the north side of Tocumwal
- New fence along Kelly street and residential boundary to contain off leash dogs
- · Kelly Street Nature Reserve path upgrades to gravel surface paths as shown on the plan
- Golf carts to be restricted from accessing this section of the trail

Interpretation and Wayfinding

- · Wayfinding bollards to note trail
- · Interpretation opportunity could be included near the bridge with easy access from Cobram Street for people with limited mobility

Uses and Activities

- · Support dog walkers and path users with bin and drinking fountain
- Gathering space with seats to provide a central area for dog walkers to socialise with their
- The shared path is part of a large network along the entire town and provides a range of outdoor recreation opportunities

Revegetation and Maintenance

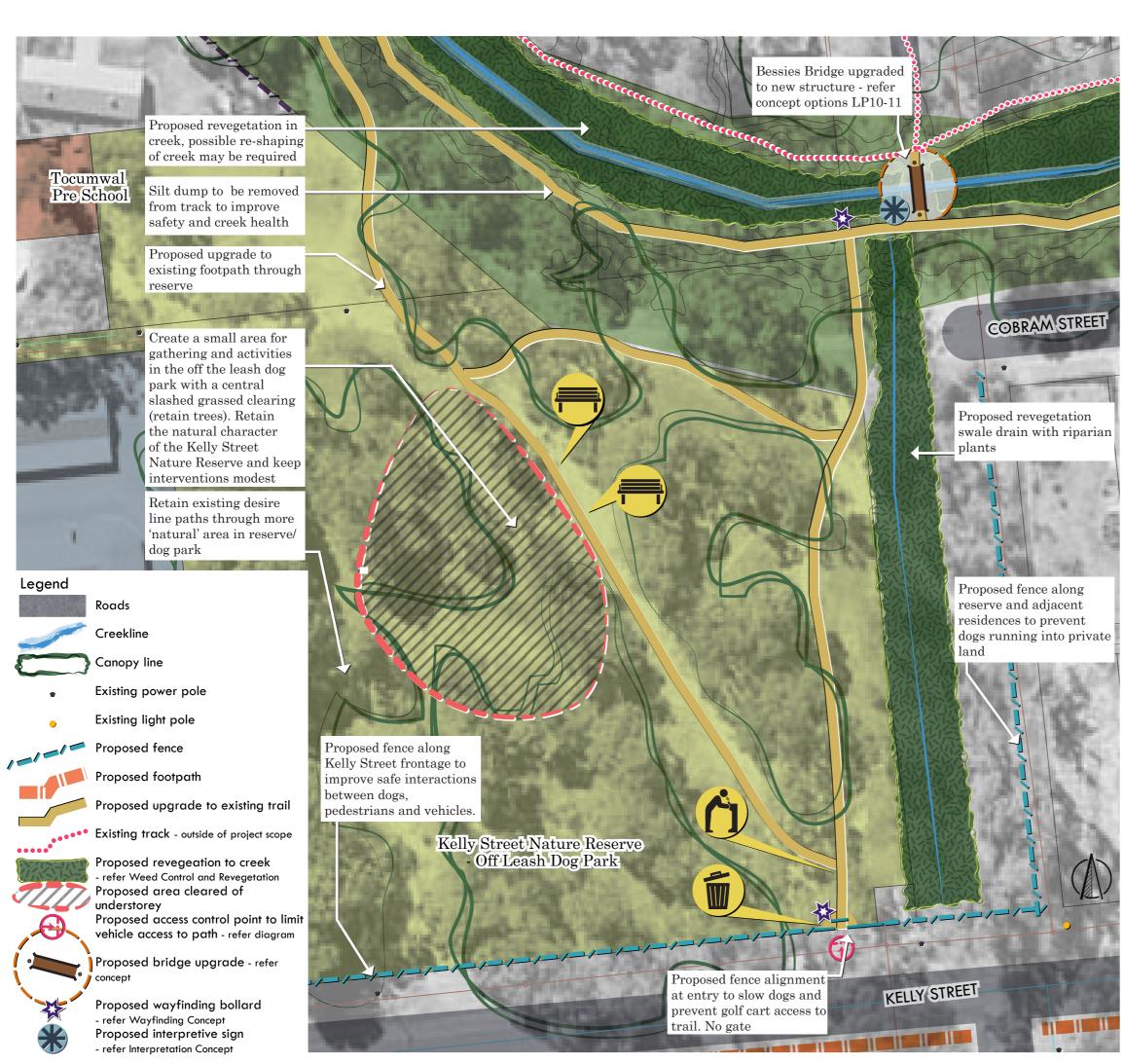
- Trees adjacent to the new bridge are to be assessed. The assessment should consider the impact of the proposed works on tree health. Some tree removal may be required to protect assets and limit risk to human lives
- Creek to be planted with indigenous riparian species as part of the staged weed management and revegetation works
- · Any work within Kelly Street Nature Reserve will need to be discussed with Local Land Services (LLS) (authority over site)
- This area is to be included in the tree management plan. LLS may want to have input into the Tree management in Kelly Street Nature
- · Revegetate Kelly Street Nature Reserve swale drain with riparian species
- Minor clearing of understorey plants (subject to the approval of authority) to create a gathering space



Sheet: LP03 Nature Reserve Concept Plan

Scale: 1:750 at A3

October 2018





Access and Linkages

- Golf carts to be restricted from accessing this section of the trail
- Possible future pedestrian bridge over the creek could provide a direct link to Sacred Heart School for students and staff south of the creek

Interpretation and Wayfinding

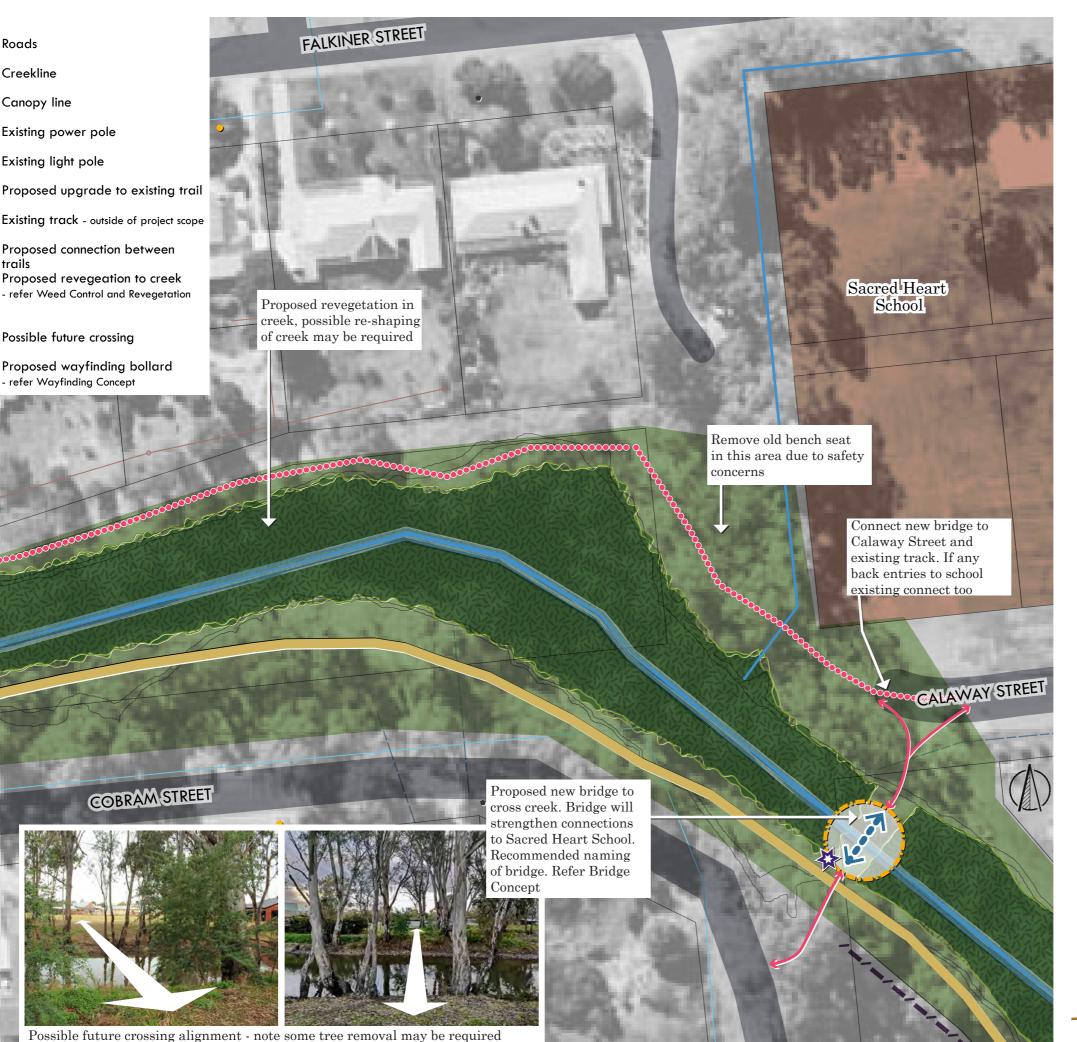
- · Wayfinding bollards to note trail
- · Possible future pedestrian bridge to be named after a Tocumwal WAAAF

Uses and Activities

· The shared path is part of a large network along the entire town and provides a range of outdoor recreation opportunities

Revegetation and Maintenance

- · Trees adjacent to the new bridge should are to be assessed. The assessment should consider the impact of the proposed works on tree health. Some tree removal may be required to protect assets and limit risk to human lives
- Creek to be planted with indigenous riparian species as part of the staged weed management and revegetation works
- This area is to be included in the tree management plan



Legend

Roads

Creekline

Canopy line

Existing power pole

Existing light pole

Proposed connection between

Proposed revegeation to creek

Proposed wayfinding bollard

Possible future crossing

- refer Wayfinding Concept

refer Weed Control and Revegetation



Sheet: LP04_Cobram Street Concept Plan

Scale: 1:750 at A3

Drawn: GC October 2018

Kelly Street Crossing

Access and Linkages

- Upgrade to crossing to include pram crossing in kerbs and signage to note pedestrians cross at this location
- Golf carts to be restricted from accessing this section of the trail

Interpretation and Wayfinding

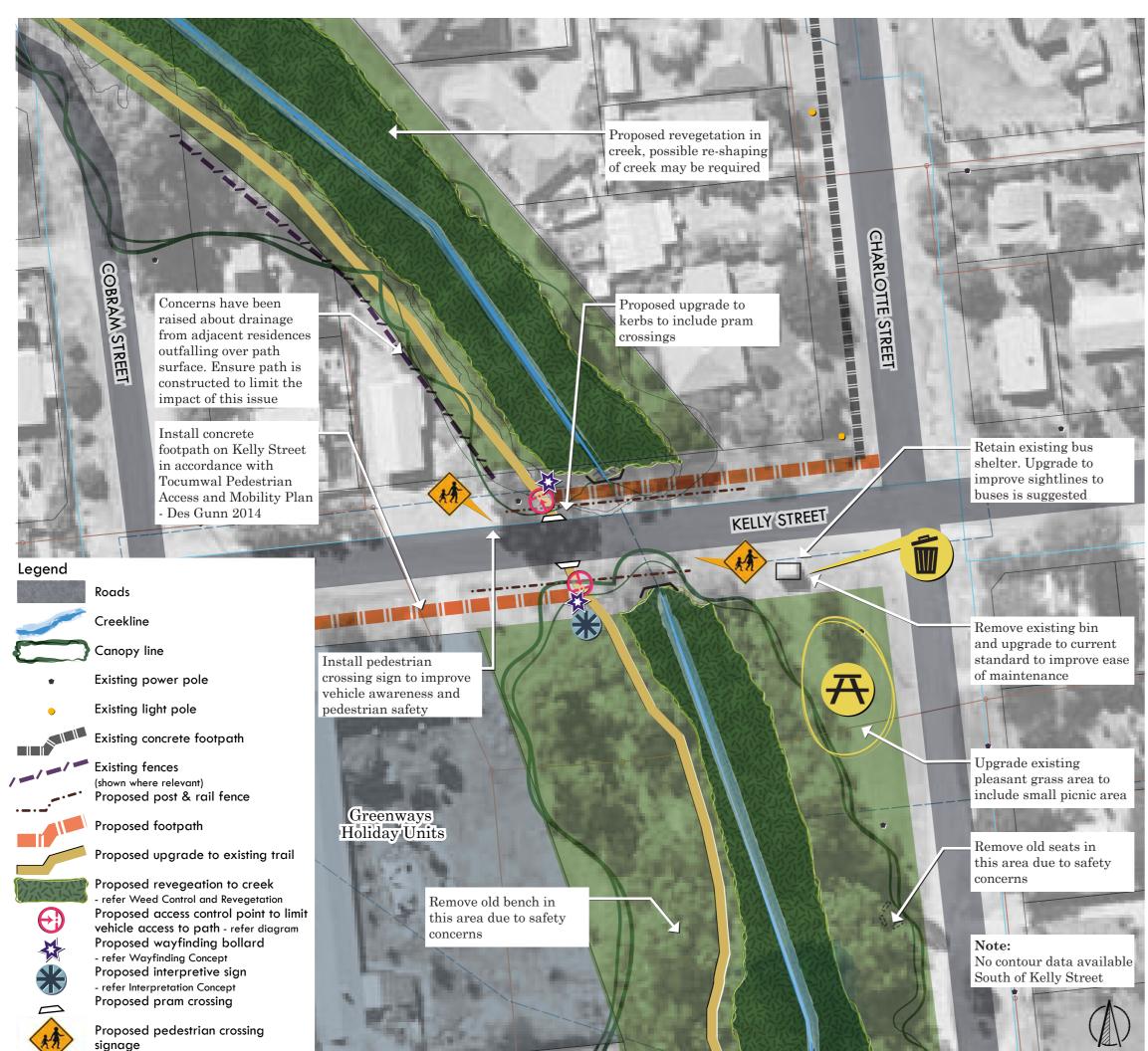
- · Wayfinding bollards to note trail
- Interpretation opportunity could be included near the Kelly street intersection with easy access from Kelly Street for people with limited mobility

Uses and Activities

 The shared path is part of a large network along the entire town and provides a range of outdoor recreation opportunities

Revegetation and Maintenance

- This area is to be included in the tree management plan
- Creek to be planted with indigenous riparian species as part of the staged weed management and revegetation works
- Note ducks live in this area, and the local community loves them. Duck health and possible impact on plantings will need to be considered during works



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Sheet: LP05_Kelly Street Concept Plan

Scale: 1:750 at A3

Drawn: GC October 2018

Robert's Bridge

Access and Linkages

- Upgrade to existing bridge
- Golf carts to be restricted from accessing the section of the trail north of Robert's Bridge.
- Access for golf carts from motels retained south of Robert's Bridge
- Regrade path to address steep cross fall and improve accessibility

Interpretation and Wayfinding

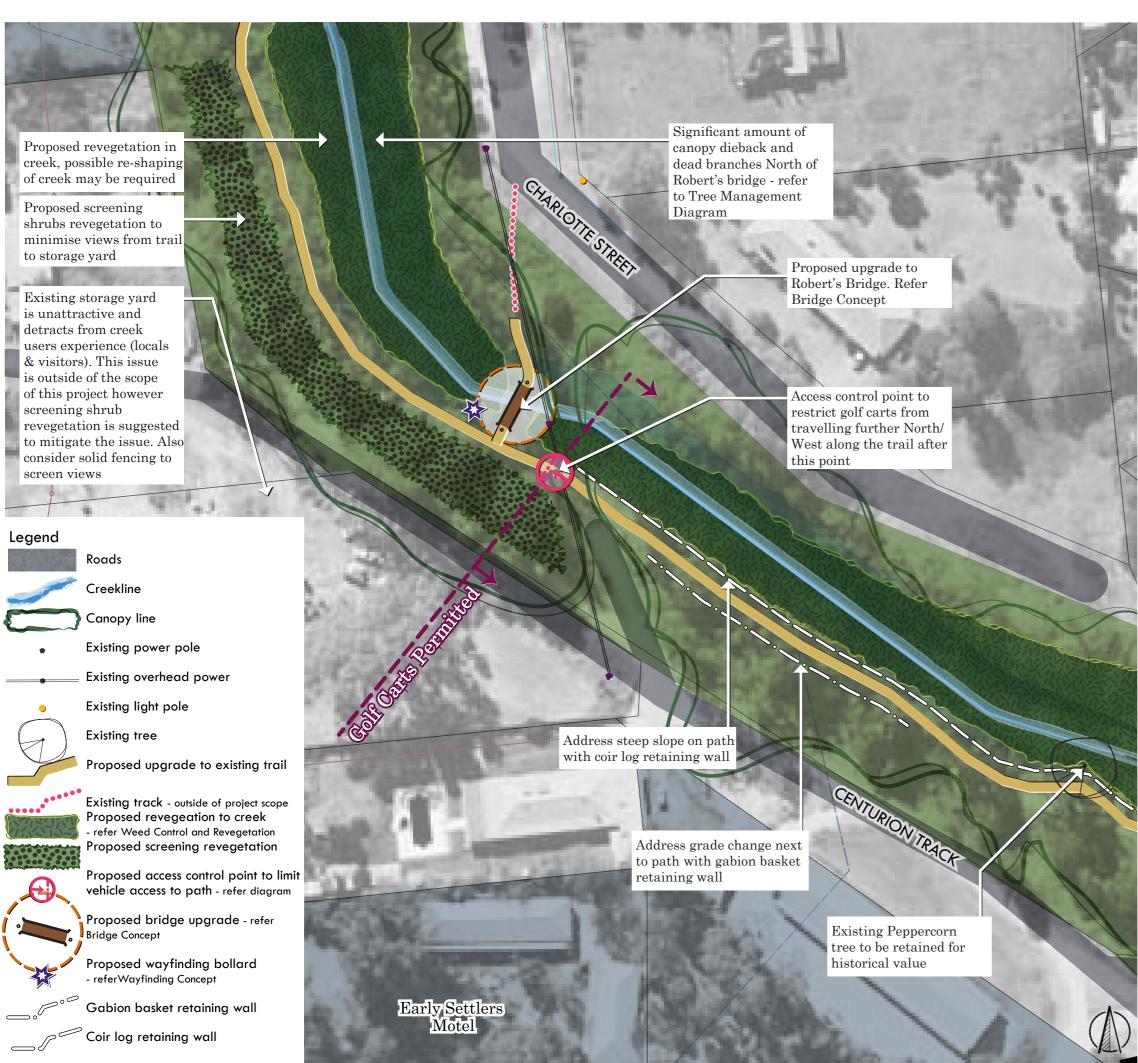
· Wayfinding bollards to note trail

Uses and activities

 The shared path is part of a large network along the entire town and provides a range of outdoor recreation opportunities

Revegetation and Maintenance

- Trees adjacent to the new bridge are to be assessed. The assessment should consider the impact of the proposed works on tree health. Some tree removal may be required to protect assets and limit risk to human lives
- This area is to be included in the tree management plan
- Creek to be planted with indigenous riparian species as part of the staged weed management and revegetation works
- Small retaining walls may be required to address the grade changes
- Note ducks live in this area, and the local community loves them. Duck health and possible impact on plantings will need to be considered during works



Sheet: LP06_Robert's Bridge Concept Plan

Scale: 1:750 at A3

Drawn: GC October 2018

Boardwalk Bridge & Golf*Course

Access and Linkages

- Upgrade to existing bridge and boardwalk
- Golf carts to be restricted from accessing this bridge and boardwalk but access from the motels and hotels to be retained and promoted

Interpretation and Wayfinding

- · Interpretation opportunity could be included near the bridge with easy access from Centurion Track for people with limited mobility
- · Retain and refurbish existing shelter
- · Include map overlaying old Tocumwal Airbase over existing conditions, links to the possible future museum, wayfinding for the WAAAF Creek Trail
- · Wayfinding bollards to note trail

Uses and Activities

- The shared path is part of a large network along the entire town and provides a range of outdoor recreation opportunities
- Golf cart access permitted for access to the Golf

Revegetation and Maintenance

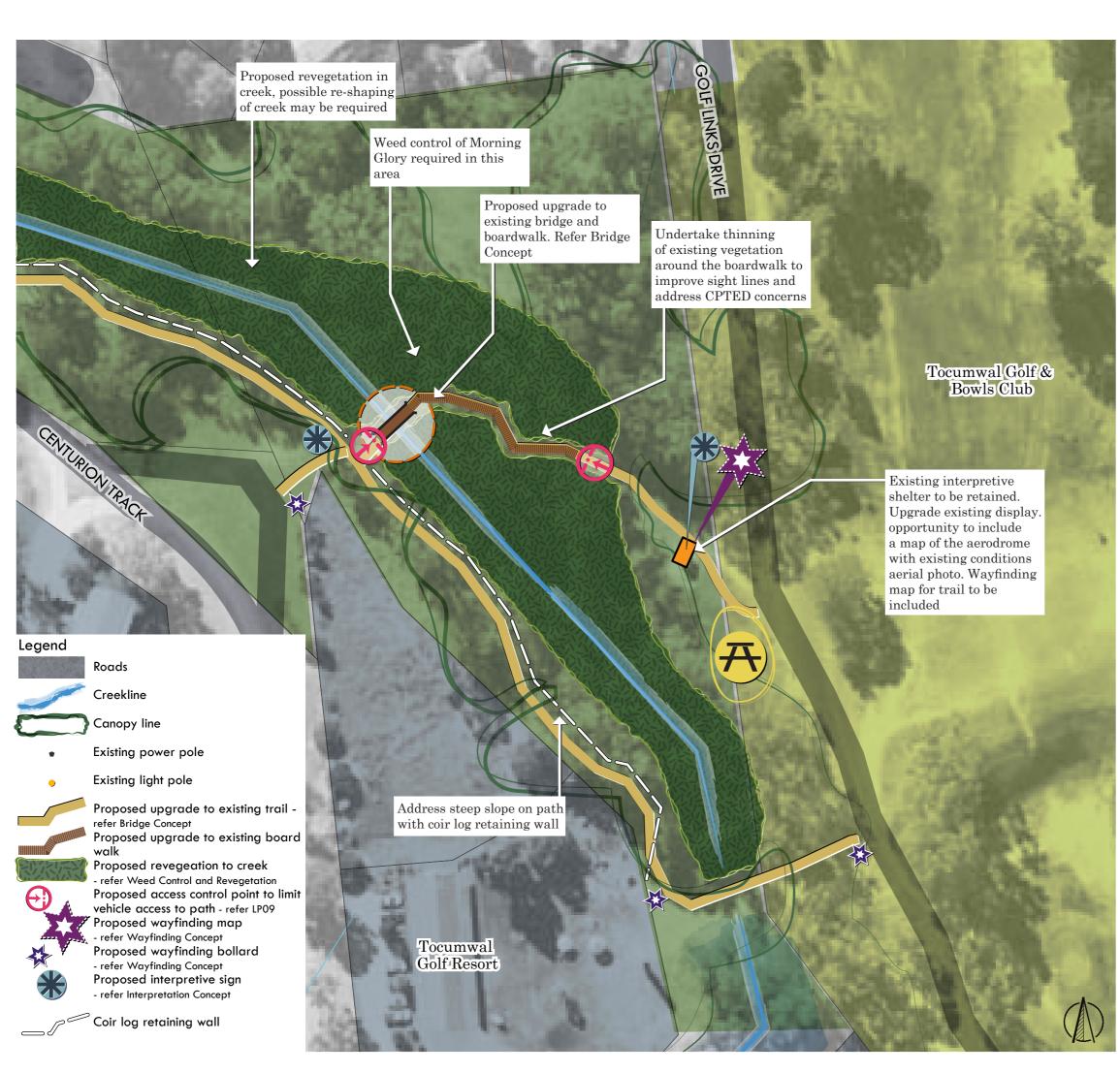
- Weed control including morning glory (extensive around boardwalk)
- This is the upstream section of the creek and should be prioritised for weed control and revegetation to limit the spread of weed
- Trees adjacent to the new bridge and boardwalk are to be assessed. The assessment should consider the impact of the proposed works on tree health. Some tree removal may be required to protect assets and limit risk to human lives
- This area is to be included in the tree management plan
- · Creek to be planted with indigenous riparian species as part of the staged weed management and revegetation works
- Small retaining walls may be required to address the grade changes
- Note ducks live in this area, and the local community loves them. Duck health and possible impact on plantings will need to be considered during works



Sheet: LP07 Boardwalk Concept Plan

Scale: 1:750 at A3

October 2018





Tocumwal WAAAF - Mary Halliday Good conduct certificate - image C Schomberg_Facebook post

Addressing Risk as a Priority



Tree Management Shady and safe



Healthy trees and a safe trail

The creek tree canopy is almost 100% eucalyptus. They make a significant and positive contribution to the creek aesthetically and environmentally. The community highly values trees.



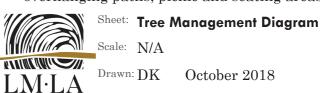


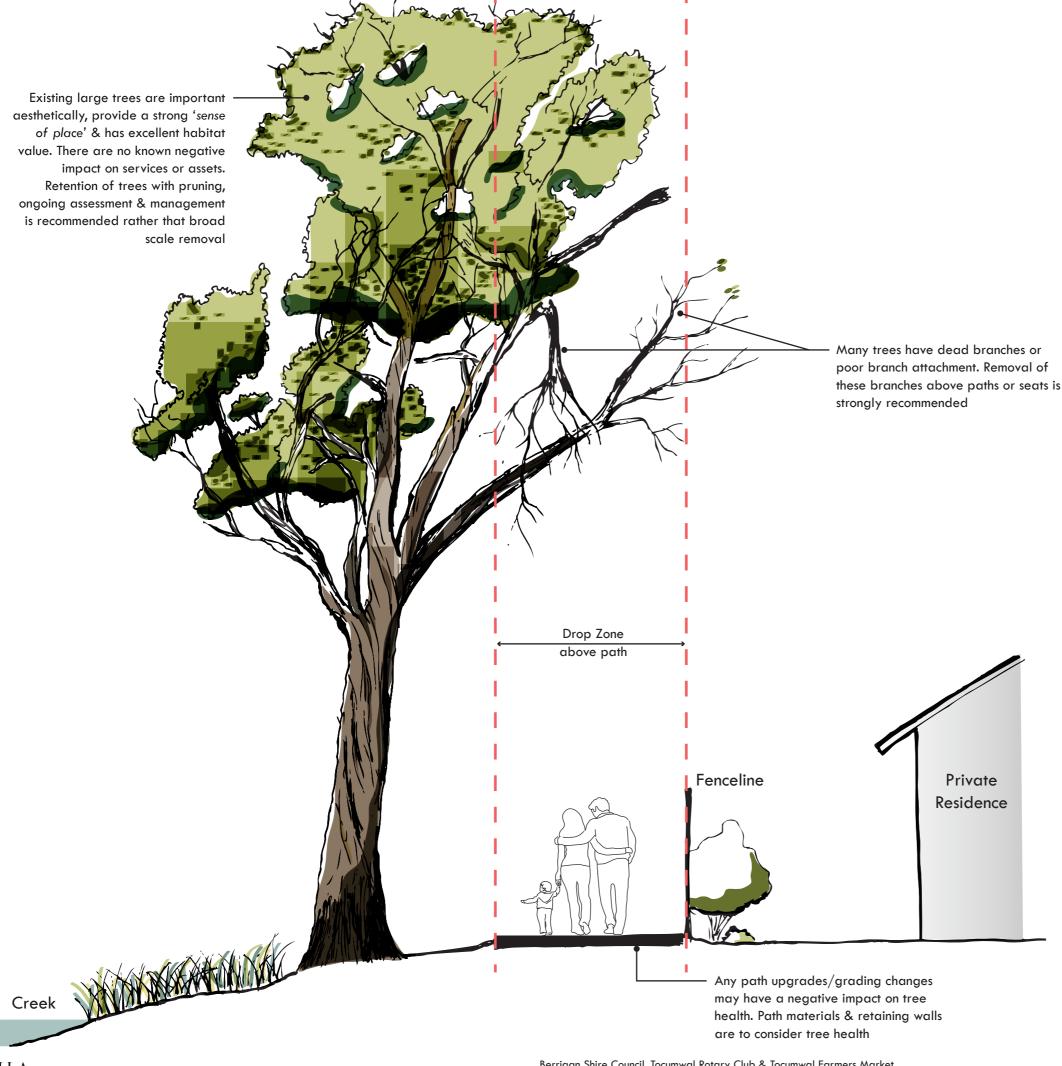
Some areas of trees show signs of stress (die back and dead branches in canopy). It is normal for these trees to drop branches during times of stress such as drought or flood. This is a significant risk to public safety which will need to be mitigated. Broad-scale removal of trees will not be acceptable to community organisations or generally to Tocumwal Residents.

The Tocumwal Rotary Club are very concerned about tree removal and have asked to be informed if and why a tree requires removal.

Recommendations:

- Ensure seats, picnic tables, interpretive signage or other elements that encourage people to linger are not installed under the tree canopy
- · Commission a qualified arborist to create a tree management plan for the trail to promote tree health and a health bushland experience for
- Prioritise management of trees with limbs overhanging paths, picnic and seating areas





Materials & Surfaces

Maintained within available resources



Existing grade and surface of path

There are areas of path with significant cross fall near the golf course end of the trail. This is a hazard for golf carts and don't provide *all abilities access*. The path surface is a well worn gravel or earth. The surface promotes a bushland feeling, however, would be difficult to use after rain. The width varies and at times it is not wide enough for golf carts and pedestrians.

Recommendations: Addressing grade changes

Level changes can be addressed using a combination of coir logs and gabion baskets. These methods have been suggested because they are

cost effective

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 don't require footings which may impact on tree health

Path surface and width

The path surface will need to be replaced in areas where the crossfall is addressed. A compacted gravel path is recommended to ensure that the path provides adequate slip resistance in all weather conditions.

At the trailhead it has been identified that elderly visitors may have mobility challenges. A concrete path has been recommended to ensure all abilities access is provided.

A standard 2.5.m wide path is recommended. this should be implemented where space allows (note no survey was available at the time of the report).



Golf cart access issues

The path is not suited to golf cart use for the following reasons:

- The path not wide enough to share with pedestrians. Other facilities, regulatory signage and laws are not able to be enforced (speed limits etc)
- The carts are fast moving vehicles in a pedestrian environment
- There is damage to fencing (see below) which is likely to be caused by carts
- The bridges are accessible to some golf carts but are not designed to take the weight
- The community are concerned that cart drivers have consumed alcohol at the club and are a hazard to path users



Existing safety fencing

As a result of a previous risk assessment a safety barrier was installed to prevent falls into the creek. Sections of the fence have been hit by vehicles snapping the recycled plastic posts at ground level. Some wires have snapped and are a hazard to path users

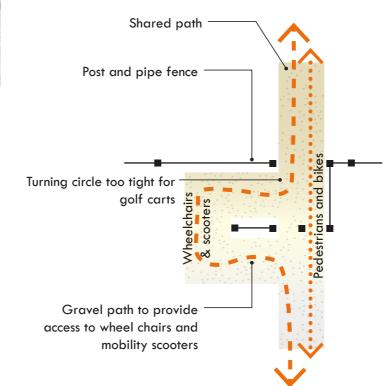
Recommendation

The safety fence should either be repaired or replaced with stronger materials eg steel posts / a bollard and pipe fence / a bollard and chain fence.

Recommendations:

Golf carts be restricted as shown on the plans

- fencing
- access control (points see diagram below)
- regulatory signage



Access Control Point diagram

- Golf cart access restriction fencing

Controlling access

To address issues relating to golf carts the plans identify access control measures. They have been planned to restrict golf carts (large turning circle but not mobility scooters or wheel chairs (small turning circles)

Note: Golf cart access is permitted south of the boardwalk bridge, on the south side of the creek to allow access to the course from rear of nearby motels. Refer Overall Plan





Coir log retaining wall



Gabion basket retaining wall



Gravel Path Surface



Concrete Surface



Timber bollardFinish
Hard wood



Bollard and pipe fence with timber bollard Finish Hard wood

Galv pipe

Proposed Materials Palette

We have selected materials that will suit the natural environment of the trail setting.

Surface Materials

The surfaces materials have been chosen in collaboration with Berrigan Shire Council to provide long lasting, easy to maintain finishes.

Furniture

Easy to maintain and accessible

Supplier: Landmark

Unit:

Drinking Fountain KF502 with Side Tap & Dog Bowl

Finish:

Powder Coat Black

Proposed Furniture Palette

We have selected materials that will suit the natural environment of the trail setting.

Furniture

The furniture have been chosen in collaboration with Berrigan Shire Council to provide long lasting easy to maintain public facilities. The furniture has been sourced with the following considerations:

- · ease of maintenance and replacement
- · ensure high-quality products that are built to withstand vandalism, local climate conditions

The furniture finishes have been chosen to limit ongoing maintenance and consider the ease of replacement.

Recommendations:

- Ensure seats, picnic tables, interpretive signage or other elements that encourage people to linger are not installed under the tree canopy
- · Install new furniture
- · Retain and install existing plaques on new furniture





Park bench

Supplier:

Landmark

Unit:

San Marco Bench K052 Finish:

Cast aluminium Hard wood timber



Park seat (with arms)

Supplier:

Landmark

Unit:

San Marco Seat KA002

Finish

Cast aluminium Hard wood timber



Picnic table

Supplier:

Landmark

Unit:

San Remo K060

Finish:

Cast aluminium

Hard wood timber



Bin surround

Supplier:

Landmark

Unit:

Daintree Bin Surround

(240lt) K076

Finish:

Hardwood timber Woodland grey

Powdercoat



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Existing furniture

There is a range of existing park furniture. All is

past its serviceable lifespan. They do not provide

There are memorial plaques on some of the park

benches to WAAAF and local community members.

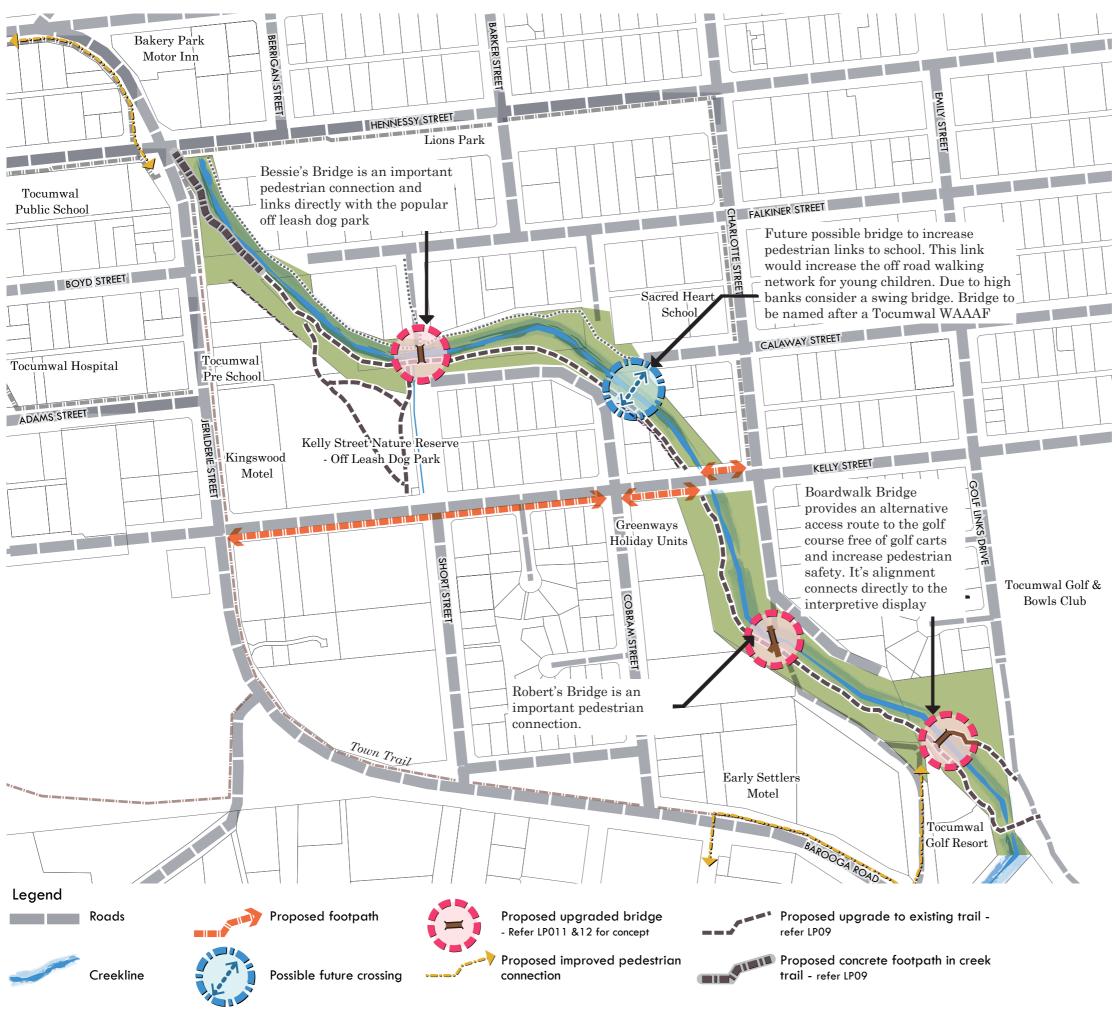
and may collapse under an adults weight.

access for all abilities. Most seats shows signs of rot









Bridge Crossings Safe and long lasting



The existing bridges are well used and provide meaningful pedestrian links. The infrastructure is ageing beyond its serviceable lifespan.

The community has identified a location for a possible future bridge. The purpose is to increase walking and cycling access to Sacred Heart School, and as part of the broader shared path network.

Recommendations:

- Replace bridges in the near future to avoid increased maintenance costs and risk issues
- New bridges should be made of materials with long lifespans in these conditions (refer to bridge concept)
- The possible future bridge should be considered when designing the replacement bridges to ensure that they work as a suite. Refer to the 'Future Work' section of this report for more information



Sheet: Bridge Location Plan

Scale: NTS

Drawn: GC Octob

Bridge Concept Safe and long lasting





Design and Construct Brief

- A simple steel sub structure to span the creek, ensuring that water flow is not impeded
- Able to be fabricated off site and installed with a crane truck
- feature panels provide visual interest and capture part of the WAAAF story with slogans used to recruit women during WWII. (Refer to the interpretation section of this report for more information)
- Viewlines down the creek corridor have been maintained with a central panel of tubular fencing



Elevation Scale 1:50











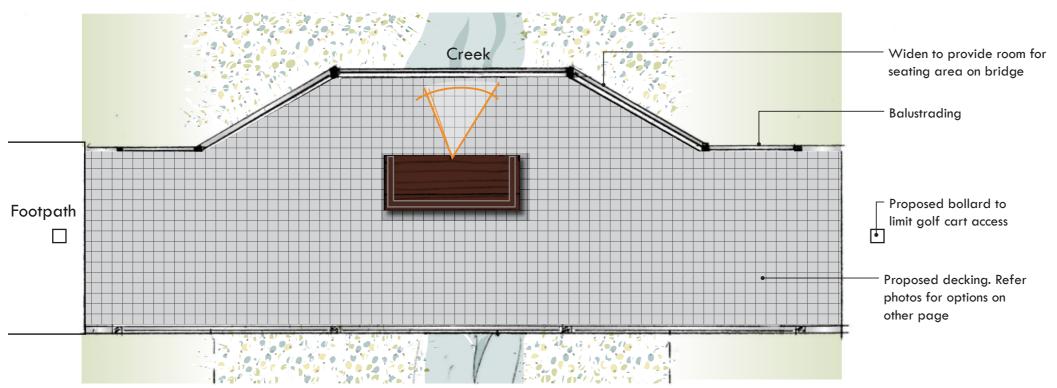


Scale: 1:50 at A3

Drawn: DK October 2018

Bridge Concept Safe and long lasting





Plan - Option with bench Scale 1:50



Plan - Option without bench Scale 1:100



Replas -Enduroplank



Mild steel



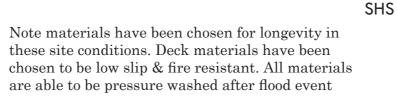
Replas -Enduromesh

Expanded mesh

Galvanised post



Laser cut mild steel



Bridge plan options

- 2 plan options have been developed (with and without seat area)
- ensure golf carts can not access the bridge

Materials

- All materials shall have good longevity in these site conditions
- Deck materials have been chosen to be low slip & fire resistant.
- All materials are able to be pressure washed after flood event

Next steps

- Bridges are to be designed including structural computations and shop drawings
- Panels will require laser cut patterns to be developed. Ensure the writing reflects the typography of the era and is free os snags, and sharp points that may be a hazard. While the bridge is not a playground it is recommended, that finger entrapment be considered.



Sheet: Bridge Conept Plan & Materials

Scale: As shown at A3

Drawn: DK October 2018



W.A.A.A.F girls outside their sleeping quarters at Willaston - State Library of South Australia

Wayfinding and Interpretation



Wayfinding and Interpretation

Telling the WAAAF story



Interpretation

Interpretation provides a window into the history. It is essential that the stories told are of the place and can not be told any where else.

Stories that are of this place:

- encourage people to travel to Tocumwal to engage with a story that can't be heard/seen/read anywhere else
- enrich people's insight into the cultural history of Tocumwal
- ensure real and authentic stories

The way that the stories are written should put the 'You' into the story:

- · providing insight into what it would be like for 'vou' to be 'them'
- provoke an emotional response in the reader/ viewer

Keep the story clear by:

- curating the story into understandable themes (Thematic Interpretation)
- · using the themes as a vehicle to communicate how the facts impacted on the lives of people

Location of the signs has been considered to

- create a whole town experience that connects to future possible historical centre, the bird walk, foreshore, the town entry and railway station
- · signs are in locations that are close to the road for easy access (maintenance and people with mobility challenges)

Wayfinding

A key principle of good wayfinding reassures visitors they are on the trail and are not lost

- The plan locates signage at points of decision or legibility issues
- different scales of sign have been shown based on site needs



Sheet: Wayfinding & Interps. Location Plan

October 2018

33

Berrigan Shire Council, Tocumwal Rotary Club & Tocumwal Farmers Market



Proposed interpretation

and wayfinding signage_

strengthen connection

Tocumwal

Public School

Tocumwal Hospital

ADAMS STREET

BOYD STREET

in town centre to

the WAAAF Creek

Walk

HENNESSY STREET

T.F.N.C

Recreation

Reserve

Proposed upgraded bridge - Refer LP011 &12 for concept

Bakery Park Motor Inn

Tocumwal

Pre School

Kingswood

Motel

Kelly Street Nature Re

- Off Leash Dog Park

Possible future crossing

Proposed upgrade to existing trail refer LP09

Proposed concrete footpath in creek trail

Proposed trailhead to provide single

location for the core interpretation story

refurbished shelter with updated display

Proposed interpretation

at Bessie's Bridge.

Interpretation to be

end of Cobram Street

easily accessible from

and wayfinding signage

Proposed wayfinding

signage at Robert's Bridge

and provide orientation for the rest of

the WAAAF Creek Walk.

H Trailhead includes relocated and

Proposed wayfinding map - refer concept

Proposed wayfinding bollard

Proposed

interpretation and wayfinding signage

at Boardwalk Bridge.

Interpretation to be

easily accessible from Centurian Track

Sacred Heart

Greenways

Holiday Units

Proposed wayfinding

signage at Cobram

Wayfinding signage at

Kelly Street crossing

KELLY STREET

Proposed interpretation

at Kelly Street crossing

to be easily accessible

form Kelly Street

Street

Proposed interpretation

at the existing old

guard house

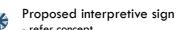
Proposed refurbishment

Tocumwal Golf Resort

of existing shelter.

future museum

Potential connection to



Proposed upgrade to

interpretive shelter refer concept

LM·LA

Legend

WAAAF Creek Walk Branding

Clear legibility and branding



Wayfinding and trail legibility

A key principle of good wayfinding is creating a singular identity for the overall experience of the trail. This helps to reassure visitors they are on the trail and are not lost.

The trail along the creek has a confusing image which can be demonstrated by the number of different names the trail is known as.

Wayfinding bollards

Existing Names for trail:

WAAAF Walk

WAAAF Creek Walk

WAAAF Creek Memorial Walk

WAAAF Memorial Walk

Creek Trail

Centurion Track

Creek Walk

Creek Walk Reserve

Rotary Creek Walk

Existing Signage



BSC Signage



Existing Landscape Colour Palette











WAAAF Recruitment Posters









A project colour palette has been developed. The colours have been chosen from the sites existing colours and WAAAF recruitment posters from WWII.

Use the colour palette to:

interpretive and wayfinding signage

- develop a clear brand for the trail - improve trail legibility with a defined look

- create a cohesive look for the

There has been some work towards wayfinding along the creek, including maps in the shelters and some bollards. These elements are looking tired and dated. The WAAAF Creek Walk would benefit from an image update, including branding, wayfinding and interpretation.

Recommendations:

- The Track is to be branded: WAAAF Creek Walk - a project of the Rotary Club of Tocumwal
- · Develop a logo/ brand/look for the trail based on the colour palette developed for this project
- · Ensure all maps (physical and digital) are branded and named correctly
- Use a simple materials palette and a strong individual colour palette for elements of signage to unify the trail (interpretative and wayfinding)

Project Colour Palette Highlight colours



Secondary colours - provide contrast and tone as required



Paint or 2 pak finish with main trail colour. WAAAF/RAAF blue suggested Trail brand/logo SHS or timber bollard

Interpretive Sign & Wayfinding Bollard

Precedents



Wayfinding map

 $LM \cdot LA$



Wayfinding bollard

Wayfinding Concept Clear & easy walking for locals and visitors

Interps

Wayfinding Recommendations

- Integrate wayfinding into interpretation and existing shelters
- Map should be clear and easily to read
- The design should be contemporary and meet the needs of people with accessibility and intellectual challenges
- Content of the map should include connections from splash park to the golf club at a minimum
- Consider extending map to the historic railway station area to provide interpretation trail, or the whole town to provide town wide wayfinding



Sheet: Wayfinding Concept

Drawn: DK & GC October 2018

Interpretive Signage Form

Precedents

Interpretive Signage Concept

Walk with the WAAAF









A concept for the interpretation signage form and content has been developed during this project. It has been developed in collaboration with BSC and community members. Please refer to all interpretation pages for complete concept.

The sign form concept is developed to celebrate the women who 'walked' the creek. The form of a woman in military dress, work overalls and evening wear dresses reflect the life on the base in Tocumwal

Interpretation Recommendations Vinyl print

- engage a professional to develop the interpretation content and form
- the following pages identify a guide for best practice in NSW interpretation and should be used as a brief to develop the interpretation
- consider opportunities to include audio / QR codes or similar to provide alternative interpretation opportunities and provide improve accessibility to the interpretation content for people with reading challenges





Audio Installations

Interpretive Sign

Interpretive sign securely

fixed to footing below

Mild steel plate with WAAAF silhouette laser

Space for interpretation

or wayfinding map of Tocumwal focused on trail. The panel will note features, destinations &

facilities to help visitors

orient themselves via the

navigate Tocumwal &

Galvanised steel

structure securely

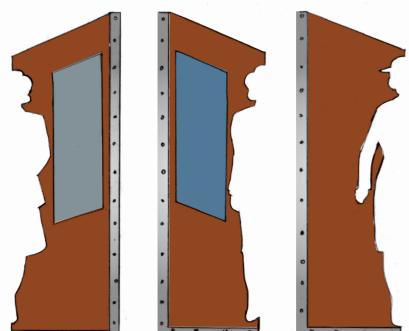
plate

ground

bolted to mild steel

cutout

2000 nom



Interpretive & Wayfinding Design Options

Varies

650 nom height of WAAAF



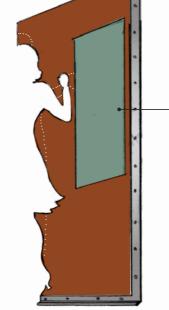
Fitting to suit WWII air base

construction techniques

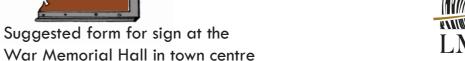
Signs to be positioned to

create feeling of many WAAAF walk on trail





Wayfinding on one side & Interpretation about WAAAF, air base & in town activities





Sheet: Interpretive Sign Concept

Drawn: $\mathbf{D}\mathbf{K}$ October 2018

WAAAF Story

Applying Best Practice In Heritage Interpretation



The NSW Office of Environment and Heritage has published a Interpreting Heritage Places and Items Guidelines, It was endorsed by the Heritage Council of NSW in 2005. The following section responds to the outline for best practice contained in the guideline.

People And Culture

Respect for the special connections between people and items

This site is a break away of the Murray River. Rivers and creeks are a significant landscape for the traditional owners. At the time of writing this report traditional ownership of the area was under discussion. It is recommended that once this is more clearly resolved consider including interpretation that incorporates Aboriginal people's culture and heritage.

It is recommended that the interpretation be reviewed by a committee of people directly connected to the stories being told. The Tocumwal Aerodrome had the largest encampment of WAAAF. Surviving WAAAF will be in their mid 90's. Consideration should be given to ensure methods meet their needs, are respectful, provide a welcoming and inclusive process.

Bob Brown has collected Aerodrome History. While WAAAF history is not the focus of his research, his knowledge of the Aerodrome would make a highly valuable contribution to the interpretation.

There are some community members alive who remember the aerodrome and WAAAF. Their inclusion on the Review Committee would strengthen the stories connections to local history.

Significance

Understand the story & convey its significance The WAAAF Creek Walk allows the story of women's wartime lives to be told in the place that it happened. The story of WAAAF is complex. there are layers of media and recruitment propaganda, a post war narrative and significant cultural changes which will need to be addressed in the story to accurately capture the significance of the WAAAF wartime efforts.

Records And Research

Good research is at the heart of effective interpretation

Both historical writing and reputable newspapers of the time have formed the basis of the information included in the interpretive concept. Refer to the Appendix for details of records and research that were used to develop the story.

Facts will need to be cross-checked to ensure that they match local knowledge and experiences of people directly related to the stories.

Audience

Explore, respect and respond to the identified audience

General Audience:

The site is used by locals and visitors who are accessing the site for recreation. The future heritage displays attract many people interested in the WWII history of the region and the proposed signs are likely to attract their attention. The interpretation should be written to appeal to a modern audience, with an accessible style of writing using plain English - suitable for all ages with an education level from Year 9 upwards.

Specialist Audience:

There is also a niche market audience based on specialist interest in the changing Women's Role in Australian society and the role of Women in War. Key facts and figures should be specifically incorporated to these audiences.

Themes

Make reasoned choices about themes, ideas and stories

Previous work completed on the Town Entry signs included a brief strategy for interpretation across the town. The rationale was create an interpretive trail, and stories were to be told (wherever possible) in the area where they happened. The WAAAF Creek Walk was identified at town scale as a good location to tell the Tocumwal WAAAF story.

Based on the general audience profile the importance of communicating the human connection to the trail and the lives of the WAAAF is a key priority.

The specific audience interested in women's role in Australian Society and in war will appreciate the details such as:

- · Daily life
- · Opportunities specific to war time
- · Motivations and process to join WAAAF
- Pre and post war life as a contrast to daily life on the base
- WAAAF and RAAF similarities, discrepancies and interactions
- Facts and figures that support the descriptions of the above themes

Engaging The Audience

Stimulate thought and dialogue, provoke response and enhance understanding

It is recommended that the following method be used:

The Thematic Interpretation¹ method enhanced with hooks, headlines and putting 'you' into the history. Consider which tense should be used and how to make the interpretation engaging and memorable.

1 https://en.wikipedia.org/wiki/Thematic_interpretation

Context

Research and understand the physical, historical, spiritual and contemporary context of the story and related stories; and respect local amenity and culture

In accordance with Thematic Interpretation principles, the chosen themes should relate specifically to the place/site of the interpretation and the significance of these events. This links directly to the site design which draws on historical context - both human and environmental.

The concept of the interpretation elements has been designed to enhance the story. They have been located to be easy accessible to both maintenance vehicles and people with mobility challenges. The form design supports current local culture as well as the character and authenticity of the beautiful natural environment. The interpretation will add another dimension to elements people see every day.

Sustaining Significance

Develop interpretation that strengthens and sustains the significance of the item, its character and authenticity

The siting of the interpretation elements and the media used enriches and add layers of significance.

The entire site plan supports a sustainable use of the site. The interpretation further enhances this and has been located at sites which encourage the viewer to interact appropriately with the sensitive creek environment.

WAAAF Story

Applying Best Practice In Heritage Interpretation



Conservation Planning

WAAAF in ~200 stations

throughout Australia .

General

WAAAF

History

Returningto

CIRLS IN THE

This site does not currently have a Conservation Management Plan. Neither the Walk or the Aerodrome are listed under the NSW Heritage Act State Heritage Inventory. It is suggested that the LGA consider reviewing WWII heritage within the Shire for inclusion.

Maintenance, Evaluation And Review

consideration of

- · available maintenance resources, skills and
- method of fabrication and installation including design for distance from major centres, local skills and resources that ensure high quality

Ongoing maintenance of the signs is to include:

- · checking for vandalism, damage from storm/flood events, ageing of any components
- undertaking maintenance of the signs to keep the signs clear, safe and accessible
- commissioning fabrication of replacement parts to refurbish the sign

needed. Reviews will incorporate:

- · visitor and peer group feedback, or any new research or understandings
- presentation of all elements
- appropriate timing for more information and acknowledgement of the Traditional Owners of
- · Future reviews will consider and update the wording of the copy, facts included and method of

Integrate interpretation in conservation planning, and in all subsequent stages of a conservation project

Include interpretation in the ongoing management of an item; provide for regular maintenance, evaluation and review

All interpretation is to be designed with careful

- budgets

Periodic assessment of the interpretation will be

interpretation, as required.

Skills & Knowledge

Interpretation is to be written and developed by a professional with a specialisation in interpretation projects.

Ensure that the copy writing uses modern techniques of hooks/angles to communicate the significance of particular events, facilitate emotional engagement and highlight human connection. The work should engage with contemporary audiences.

Fabrication and graphic design skills will be required to enhance elements of the story in an iterative and integrated process.

Collaboration

It is recommended that the interpretation copy text, where possible, be co-authored with the review committee and members of the local community.

Adventure

Noman's Auxiliary Australian Air Force

Civilian

Expectation



Image from Tocumwal Historic Aerodrome Museum

Weed Control and Revegetation



Weed control and revegetation

improving maintenance in the long term

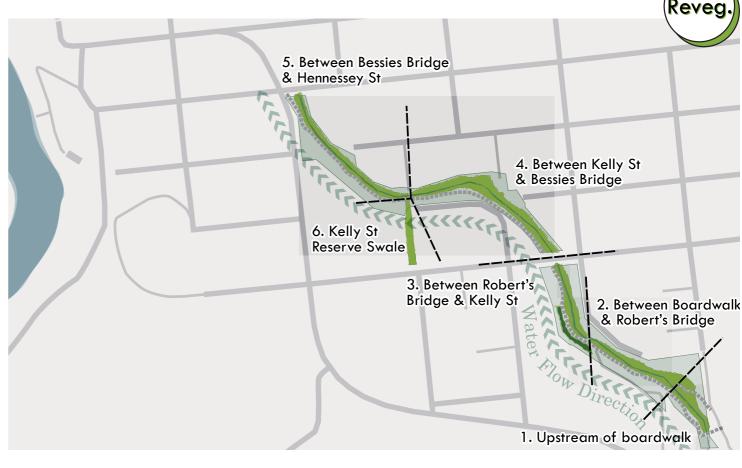




















Existing conditions

The creek is both a drain and a old break away from the Murray River. The water flows on to join the Tuppal Creek. There is significant indigenous tree canopy, however the lower storey and riparian areas have low quality vegetation. Many weed species are living in the creek environment. Some include:

- · Oxalis spp.
- Thistle spp.
- · Tree lucerne
- Ivy spp.
- · Nettle spp.
- · Morning Glory
- · Prickly Pear
- · Privit spp.
- · Bindi

There are some trees which are environmental weeds, however they are of significance to the local community (Peppercorns and White Cedars) and should only be removed with community consultation.

Weed infestation is a current issue for the management of the WAAAF Creek Walk. There has been significant community effort, time and resources invested in removing weeds (chemical and mechanical methods). These efforts have ensured that the creek is not completely overrun and their efforts should be acknowledged as an important contribution. The community members involved, however, have identified that they can not sustain this level of effort in the long term.

Revegetation to address weeds

shaping diagrams for more information.

Successful revegetation will limit the opportunities for weeds. Some weed control will still be required, however it should be significantly less than the current requirements.

Due to the scale of the project the revegetation project has been divided into reaches. Works are to be undertaken in order of upstream to downstream. Some bank works may be required to improve habitat and bank erosion issues. Refer to bank

Revegetation stages

- · Plan works 12 months in advance
- Pre order plants to allow for planting of the right species at the optimum time of year
- · Plan and undertake weed control with careful consideration, ensuring minimal risk of residual effects and pollution damage
- · Pre revegetation weed control including pre cultivation and post cultivation methods. Ensure all chemicals are used as directed and consider weather events to limit impact on non weed species and fauna
- Bank shaping and cultivation of site to be planted
- · Planting when soil is moist but not saturated. Planting methods should consider protection from fauna (water birds etc)
- · Monitor plants and weeds manage as required to ensure plants are not out competed in the first
- · Additional weed management may be required such as weed mat or mulch

Recommendations

- · Short term continue general control weeds for the entire reach of the creek to stop creek from becoming over run
- Engage a professional to develop a detailed revegetation plan that includes targeted weed control methods, bank work improvements, planting methods, species list appropriate for different site conditions, planting modules and staging. Soil tests may be required to ensure the best conditions for the plants
- · Seek partners to help fund and implement the revegetation works
- Opportunities to involve the community in the works should be considered

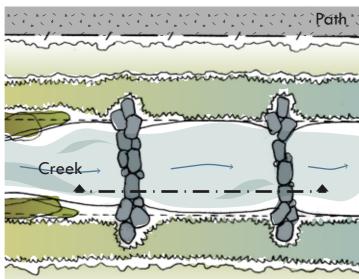
Bank shaping

improving micro climates and habitat values

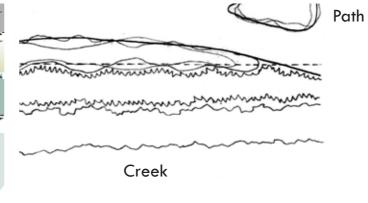








Instream meander - Plan



Recommendations

- · Bank works be considered in the planning of revegetation works by a professional
- · Bank works are to be sensitive to existing trees and avoid negative impact on tree health

Existing conditions

The creek has been de silted in the recent past. The form of the creek is often trapezoidal.

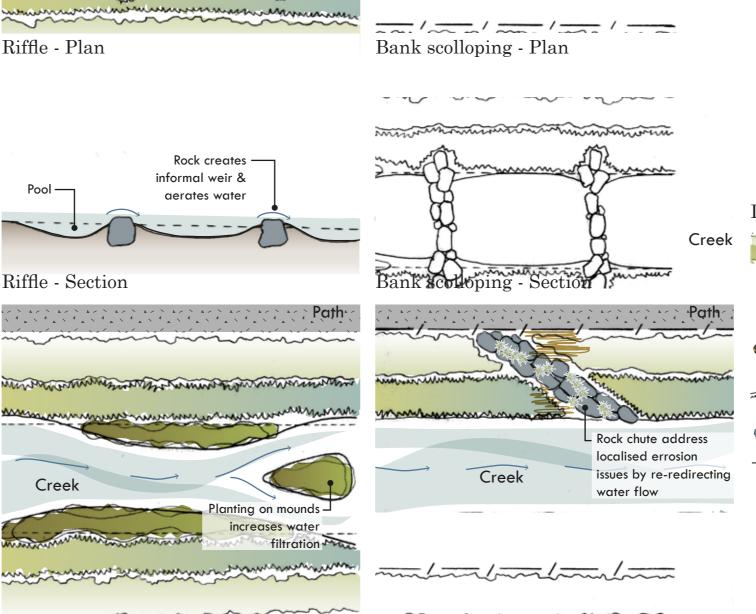
Areas of existing trees on banks limit possible bank works. There are some areas of stagnate water.

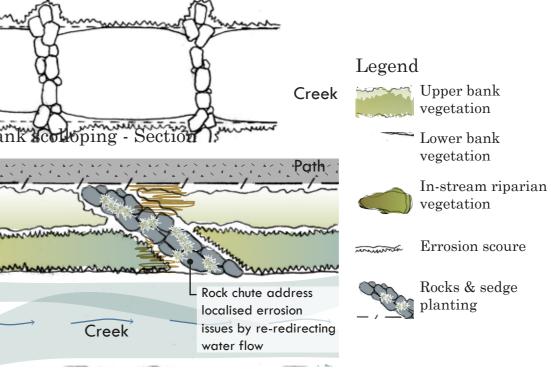
Bank work benefits

Trapezoidal creek forms are used to move water quickly away. Water sheets down banks, often not providing benefits to plants or allowing the plants to provide water cleaning functions.

Changing the bank form to slow water during low flow events has the potential to improve:

- revegetation plant success rate
- · habitat diversity
- · micro climates for plant species
- allow plants to function as WSUD elements





Erosion control swale - Plan

Revegetation Species

Healthy environment and habitat



EVC 814: Riverine Swamp Forest

Open eucalypt forest to 25 m tall with understorey dominated by obligate wetland species (or opportunistic annuals during sustained dry periods) and can range from closed sedgeland or herbland to grassy-herbaceous or extremely sparse and with cover primarily leaf-litter, black water or exposed alluvium. Occupies low-lying areas subject to reasonably regular flooding, typically flood-prone lower river terraces and low-lying areas adjacent to floodways through or within riverine forest.

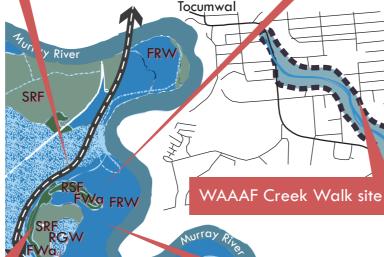
LF Code	Species typical of at least part of EVC range	Common Name
LH	Wahlenbergia fluminalis	River Bluebell
LH	Senecio quadridentatus	Cotton Fireweed
MH	Alternanthera denticulata s.l.	Lesser Joyweed
MH	Ranunculus inundatus	River Buttercup
MH	Ranunculus pumilio var. pumilio	Fan-leaf Buttercup
MH	Centipeda cunninghamii	Common Sneezeweed
LNG	Phragmites australis	Common Reed
MTG	Lachnagrostis filiformis	Common Blown Grass
MNG	Eleocharis acuta	Common Spike-sedge
MNG	Cynodon dactylon var. pulchellus	Native Couch

EVC 816: Sedgy Riverine Forest

Eucalypt forest to 25 m tall with understorey dominated by larger sedges. Understorey composition indicative of at least occasional shallow flooding and a tolerance of gaps between floods of several years. Typically on heavy soils which can become wet in winter. Sedgy Riverine Forest has some floristic affinities to Red Gum Swamp. It is considered to occupy areas infrequently flooded and in which flood duration may be short, for example, higher ground surrounding the box ridges or occurring along the river levee in a position remote from the channels from which the forest first floods. These areas are therefore the last to flood and the first from which floods quickly recede. Soils are typically heavy clays. The major understorey species Carex tereticaulis is intolerant of total immersion (at least in turbid water).

immersion	(at least in turbia water).	
LF Code	Species typical of at least part of EVC range	Common Name
MS	Exocarpos strictus	Pale-fruit Ballart
LH	Wahlenbergia fluminalis	River Bluebell
LH	Senecio quadridentatus	Cotton Fireweed
LH	Brachyscome basaltica var. gracilis	Woodland Swamp-daisy
MH	Marsilea drummondii	Common Nardoo
SH	Lobelia concolor	Poison Pratia
SH	Chamaesyce drummondii	Flat Spurge
LTG	Carex tereticaulis	Rush Sedge
MTG	Setaria jubiflora	Warrego Summer-grass
MTG	Lachnagrostis filiformis	Common Blown Grass
MNG	Eleocharis acuta	Common Spike-sedge
MNG	Eleocahris pusilla	Small Spike-sedge

EVC benchmarks map
Information from Nature Kit Victorian State
Government



EVC 295: Riverine Grassy Woodland

Occurs on the floodplain of major rivers, in a slightly elevated position where floods are rare, on deposited silts and sands, forming fertile alluvial soils. River Red Gum woodland to 20 m tall with a groundlayer dominated by graminoids and sometimes lightly shrubby or with chenopod shrubs.

LF Code	Species typical of at least part of EVC range	Common Name
SS	Sclerolaena muricata var. villosa	Grey Roly-poly
SS	Enchylaena tomentosa var. tomentosa	Ruby Saltbush
SS	Maireana decalvans	Black Cotton-bush
SS	Chenopodium curvispicatum	Cottony Saltbush
LH	Wahlenbergia fuminalis	River Bluebell
LH	Rumex brownii	Slender Dock
LH	Senecio quadridentatus	Cotton Fireweed
MH	Einadia nutans ssp.nutans	Nodding Saltbush
MH	Atriplex semibaccata	Berry Saltbush
MH	Atriplex eardleyae	Small Saltbush
MH	Sida corrugata	Variable Sida
MTG	Austrodanthonia setacea	Bristly Wallaby-grass
MTG	Austrostipa scabra	Rough Spear-grass
MTG	Carex inversa	Knob Sedge
MTG	Juncus subsecundus	Finger Rush

EVC 809: Floodplain Grassy Wetland

Wetland dominated by floating aquatic grasses (which persist to some extent as turf during drier periods), occurring in the most flood-prone riverine areas. Typically treeless, but sometimes with thickets of saplings or scattered more mature specimens of Eucalyptus camaldulensis.

Occupies temporary shallow lakes in the most flood-prone riverine areas, also occurs as a narrow intermediate band around some floodway ponds.

LF Code	Species typical of at least part of EVC range	Common Name
MH	Myriophyllum crispatum	Upright Milfoil
МН	Ludwigia peploides ssp. montevidensis	Clove-strip
MH	Nymphoides crenata	Wavy Marshwort
MH	Centipeda cunninghamii	Common Sneezeweed
SH	Azolla filiculoides	Pacific Azolla
SH	Persicaria prostrata	Creeping Knotweed
LTG	Juncus ingens	Giant Rush
MTG	Lachnagrostis filiformis	Common Blown Grass
MTG	Sporobolus mitchellii	Brown-back Wallaby-grass
MNG	Pseudoraphis spinescens	Spiny Mud-grass
MNG	Amphibromus fluitans	River Swamp Wallaby-grass
MNG	Eleocharis acuta	Common Spike-sedge
MNG	Cynodon dactylon var. pulchellus	Native Couch

EVC 56: Floodplain Riparian Woodland

An open eucalypt woodland or open forest to 20 m tall over a medium to tall shrub layer with a ground layer consisting of amphibious and aquatic herbs and sedges. Occurs along the banks and floodplains of the larger meandering rivers and major creeks, often in conjunction with one or more floodplain wetland communities. Elevation and rainfall are relatively low and soils are fertile alluviums subject to periodic flooding and inundation.

LF Code	Species typical of at least part of EVC range	Common Name					
T	Acacia dealbata	Silver Wattle					
MS	Hymenanthera dentata s.l.	Tree Violet					
MH	Sida corrugata	Variable Sida					
MH	Oxalis perennans	Grassland Wood-sorrel					
MH	Persicaria decipiens	Slender Knotweed					
SH	Chamaesyce drummondii	Flat Spurge					
SH	Azolla filiculoides	Pacific Azolla					
LTG	Carex appressa	Tall Sedge					
LNG	Phragmites australis	Common Reed					
LNG	Eleocharis sphacelata	Tall Spike-sedge					
MTG	Poa labillardierei	Common Tussock-grass					
MTG	Chloris truncata	Windmill Grass					
MTG	Themeda triandra	Kangaroo Grass					
MTG	Aristida behriana	Brush Wire-grass					
MNG	Pseudoraphis spinescens	Spiny Mud-grass					
MNG	Eleocharis acuta	Common Spike-sedge					

Ecological Vegetation Classes

The mapped information is from DELWP Victorian State Government. Due to the close proximity and similar environment to the project site to the following species lists can be used to form the basis of a revegetation list. Commercial availability should be researched and the list refined to suit site conditions.

Recommendations

- Develop a planting list for the different conditions of the creek (plants to be commercially available and suited to revegetation projects)
- Revegetation to focus on the riparian planting of the creek. Terrestrial works should be considered, however are not a prioritised outcome of these works

She Scale LM·LA

Sheet: Revegetation Species List

Scale: N/A

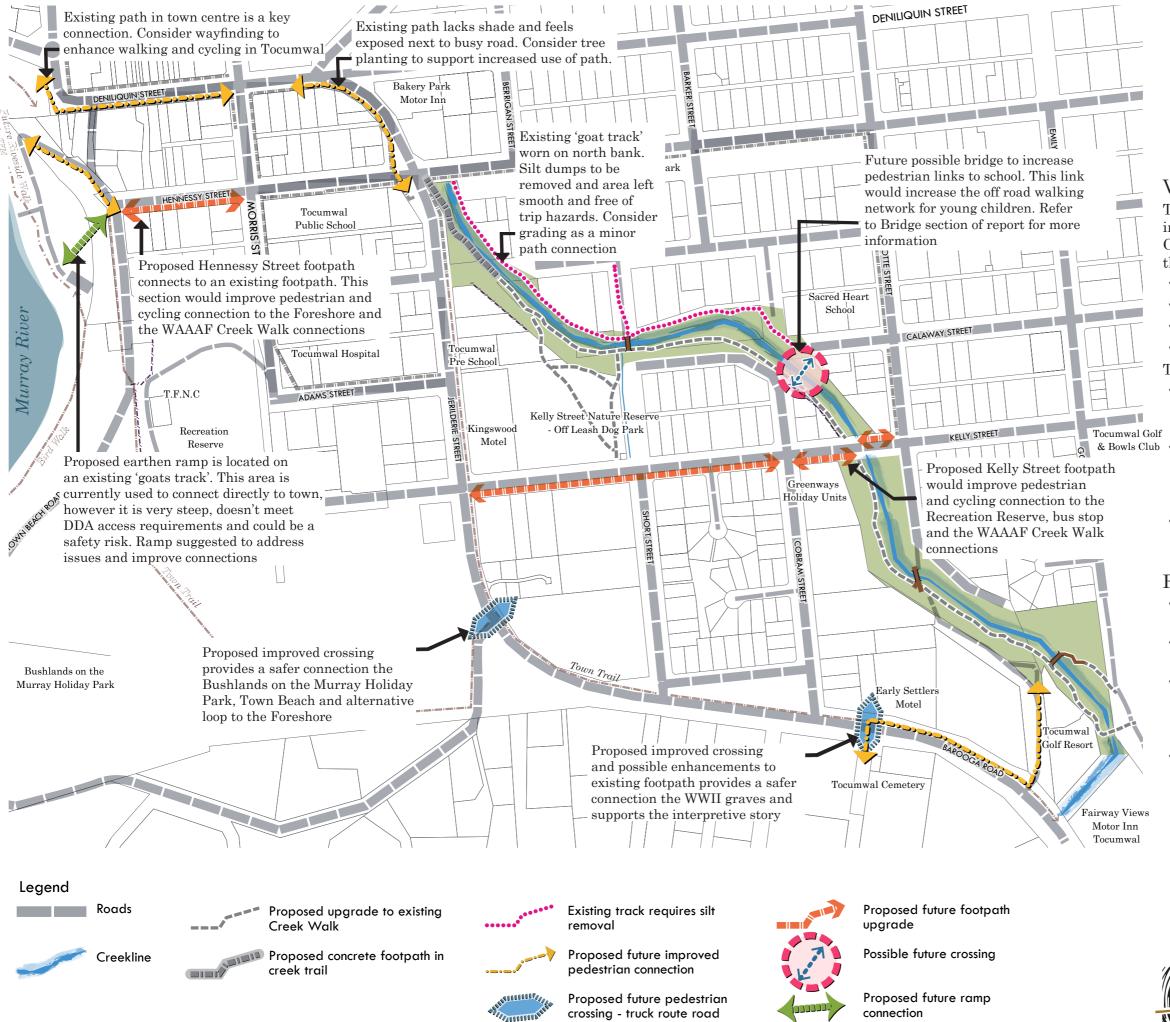
Drawn: CR & DK (

October 2018



Future Works





Future Works Outside of project scope

Value of town wide connections

The WAAAF Creek Walk has the potential to improve broader links across the Tocumwal Town Center. The additional path connections outside of the WAAAF Creek Walk connect to:

- · Town Walk,
- · Bird Walk,
- · Riverside Walk (proposed),
- · Levee Walk (proposed)

The path network, as a whole, will;

- provide an improved off-road path network linking to two schools and a pre-school that would be suitable for children and teens
- link visitors staying in the 5 hotels/motels along the creek to the Tocumwal Foreshore, splash park and Town commercial centre. This will enhance Tocumwal as a family holiday destination
- enhance the livability of Tocumwal on a town scale for residents with improved active recreation and lifestyle

Recommendations

- · Fund and construct the foot paths on Hennessy Street and Kelly Street
- Fund and install pedestrian crossing signage on Barooga Road
- Install a pedestrian bridge connection near Sacred Heart School to match other bridges along the trail (Refer to the 'Bridge' section of this report for more information
- Consider ways to strengthen existing connections such as shade tree planting, surface improvements, wayfinding signage, etc



Sheet: Future works

Drawn: GC

Appendix

ite Photos	
n-site workshop	
pinion of Probable Cost	
nterpretive Research	
/omen's Weekly - 24/03/1945 50	

VIC. 1943-02-11. Women's Auxiliary Australian Air Force (WAAAF) Service Policewomen and Royal Australian Air Force (RAAF) Service Policeman Being Inspected by the Provost Marshal of the Royal Australian Air Force (RAAF). - Australian War Memorial



Site Photos

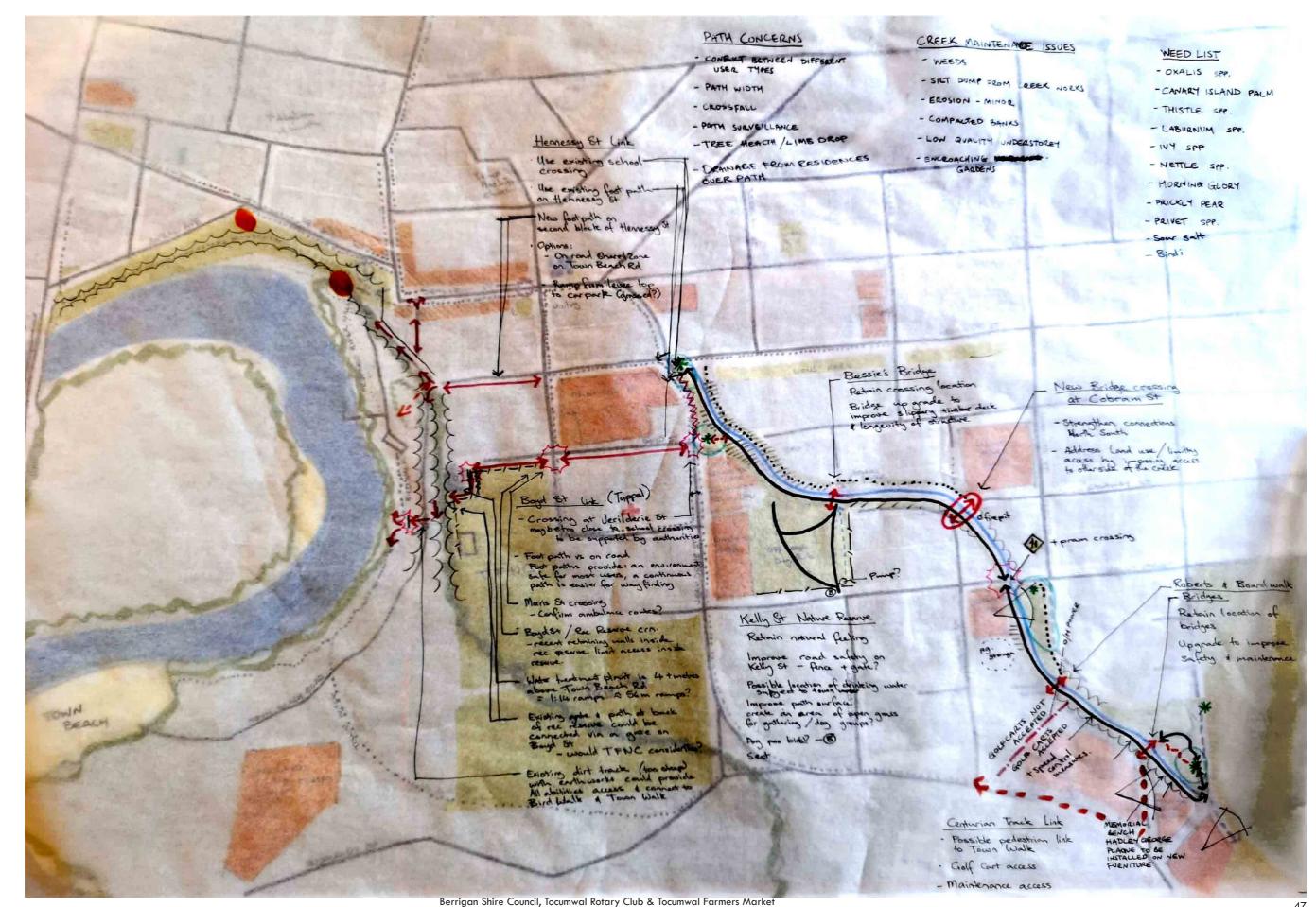
14/08/2018



LM·LA

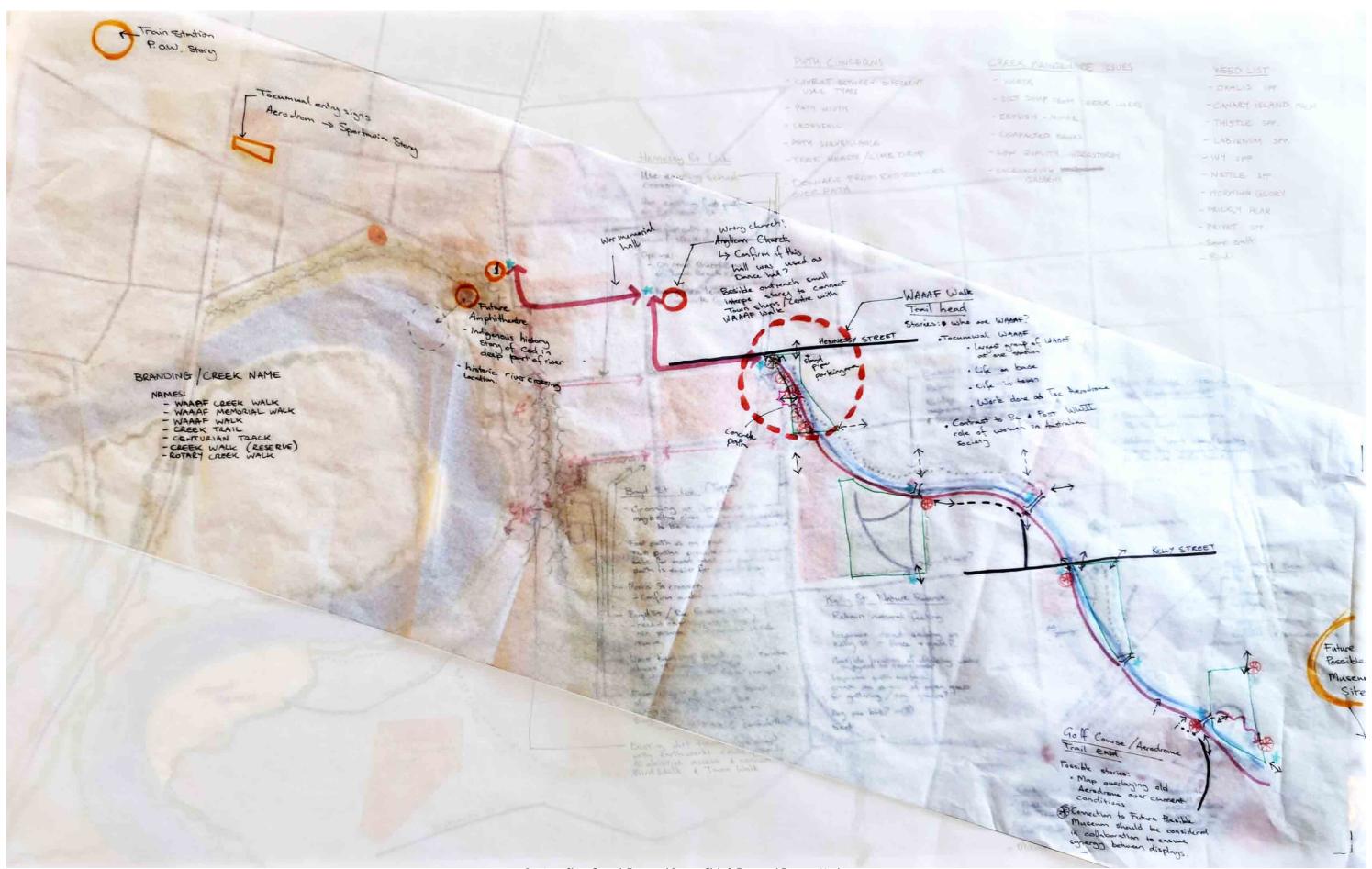
On-site workshop

Analysis & concept options sketch plan - 14/08/2018



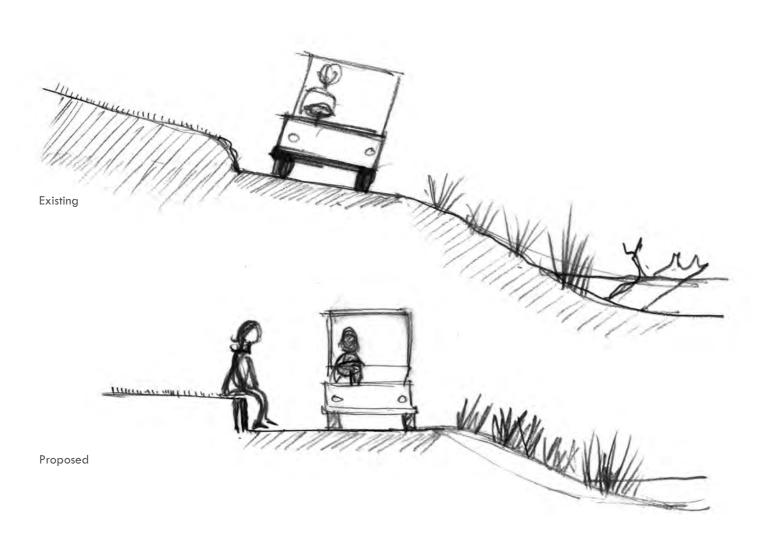
On-site workshop cont.

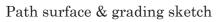
Interpretation & wayfinding opportunities sketch plan

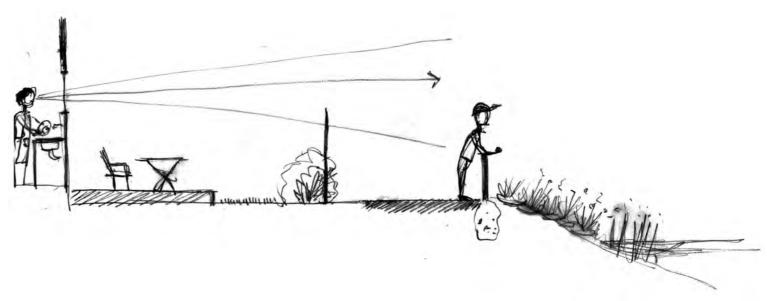


On-site workshop cont.

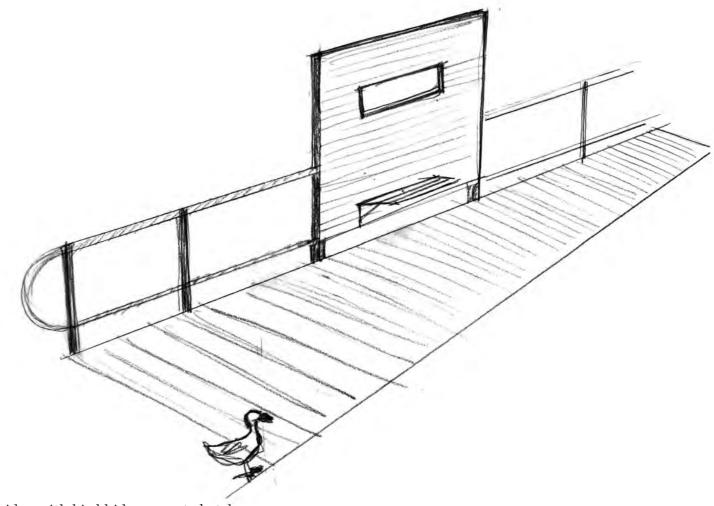
Path and bridge opportunities sketches







Passive surveillance from adjacent residences sketch



Bridge with bird hide concept sketch

Stago	e 1 - Path Works and Sefe	ety Priori	tv					1 1 1 1 1 1 1 1	
	gan Shire Council, Tocum			Toc	umwal Fa	rme	rs Market		
ched	Whilst every effort has been taken Malan Landscape Architects cannot from the use thereof.								
	 This OPC includes construction costs consultancy fees associated with ad revised scope, documentation and p This OPC is based on a Draft Concessubject to variation during documentation 	ditional designoroject manage pt Plan only	n for jement.						
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ate:	16.10.2018	la de la companya de	I						
	Malan Landscape Architects, PO	Box 78 Har	rcourt, VI	C 34	153				
lo.	ltem	Unit	Quantity		Unit cost	1	oproximate total cost cluding GST)	Subtotal	Comments
relimi	naries and earthworks							\$ 23,000.00	
1	Preliminaries - setout, site preparation, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	\$	8,000.00	\$	8,000.00		Allowance only - TBC subject staging
2	Removal of all silt dumps from creek banks. Use best practice to dispose of silt in environmental friendly method.	item	1		BSC - o	ngoin	g maintenanc	e budget	
3	Creek path area - Earthworks and site preparation, grading & site set-out, ensuring all areas are free draining, stock pile top soil, undertake weed control (not including revegetation areas)	item	1	\$	15,000.00	\$	15,000.00		Allowance only - TBC
aths o	and fencing							\$ 269,325.00	
4	Supply and installation of coir log retaining structure	lm	310	\$	70.00	\$	21,700.00		
5	Supply and installation of gabion basket retaining structure	lm	64	\$	300.00	\$	19,200.00		
6	Upgrade existing gravel shared path at 2.5m wide in conjuction with retaining structure	m ²	515	\$	30.00	\$	15,450.00		
7	Upgrade gravel shared path at 2.5m wide. Includes supply and installation	m ²	3048	\$	30.00	\$	91,425.00		

errigan Shire Council, Tocumwal Rotary and Tocumwal	Farmo	rs Markat		
Opinion of Probable Cost - Draft Concept ONLY	rarme	is market		
phillion of Frobuble Cost - Druft Concept ONET				
chedule 1				+
Pate: 16.10.2018				\vdash
die: 10.10.2016				-
iesl Malan Landscape Architects, PO Box 78 Harcourt, VIC	$\frac{1}{23453}$			
,				
Description of works				
Stage 1 - Path Works and Safety Priority	\$	443,325.00		
Public Open Space Stages	\$	54,137.00		
Wayfinding & Interpretation Stage	\$	190,760.00		
Weed Control & Revegetation Stage	\$	293,635.00		
Total	\$	443,32		<u> </u>
Contingency at 25%		\$110,831		
Total including contingency		\$554,156	5.25	
				<u> </u>
Subtotal		\$554,156	5.25	
GST		\$55,413		
Total amount (including contingency and GST)		\$609,57		
, , , ,				
Whilst every effort has been taken to ensure accuracy A relitate assess a page to lightly a relief from the use the		ılan Landscape		
Architects cannot accept liability arising from the use the	ereor.			
This OPC includes construction costs only, it does not include the construction costs only.		-		
associated with additional design for revised scope, do	cument	ation and project		
management.				
	subject	to variation during		
 This OPC is based on a Draft Concept Plan only and is 				
 This OPC is based on a Draft Concept Plan only and is documentation 				
documentation	l .			
documentation	l.			

	Supply and install pram							can be undertaken in
7	crossing in Kelly Street (include minor demolition of existing kerb)	item	2	\$ 500.00	\$	1,000.00		conjunction with other kerb works. Confirm staging with Michelle
8	Supply and install pedestrian crossing signage in Kelly Street	item	2	\$ 250.00	\$	500.00		
8	Supply and install Kelly St Reserve frontage fencing	lm	170	\$ 150.00	\$	25,500.00		
9	Supply and install Kelly St Reserve and residential lot fencing	lm	110	\$ 110.00	\$	12,100.00		BSC and resident input required Allowance only - TBC
10	Supply and install post and rail fencing	lm	317	\$ 250.00	\$	79,250.00		
11	Supply and install removable bollards	item	16	\$ 200.00	\$	3,200.00		
ridge	crossing and boardwalk						\$ 151,000.00	
12	Soil test to inform structural engineers computations (approximately 7 test sites)	item	1	\$ 1,000.00	\$	1,000.00		
13	Structural engineering of bridge and boardwalk	item	1	\$ 5,000.00	\$	5,000.00		Allowance only - TBC
14	Supply and delivery of bridge crossing (approximately 10 lm)	item	3	\$ 25,000.00	\$	75,000.00		Allowance only. Subject to further research and design development
15	Supply and delivery of boardwalk (approximately 52 lm)	item	1	\$ 25,000.00	\$	25,000.00		Allowance only. Subject to further research and design development
16	Installation of bridge crossings including footings. Ensure site is left neat and tidy.	item	3	\$ 5,000.00	\$	15,000.00		Allowance only. Subject to further research and design development
17	Installation of boardwalk including footings. Ensure site is left neat and tidy.	item	1	\$ 10,000.00	\$	10,000.00		Allowance only. Subject to further research and design development
18	Crane truck to assist with bridges and boardwalk installation	item	1	\$ 20,000.00	\$	20,000.00		Allowance only.
					<u> </u>		t 110.005.00	
					Subt	otal (ex. GST)	\$ 443,325.00	

Publ	ic Open Space Stages									
Berr	gan Shire Council, Tocum	ıwal Rota	ry and	Toc	umwal Fa	rme	ers Market			
Sched	ıle 3									
	Whilst every effort has been taken Malan Landscape Architects cannot from the use thereof.		,							
,	 This OPC includes construction costs consultancy fees associated with ad revised scope, documentation and p 	ditional desig	gn for							
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(All rates are to be confirmed by Be	rrigan Shire (Council.							
	16.10.2018									
****	Malan Landscape Architects, PO	Box 78 Ha	rcourt, VI	C 34	153					
No.	a.com.au Item	Unit	Quantity		Unit cost		pproximate total cost cluding GST)		Subtotal	Comments
Prelimi	naries and earthworks		,				,			
1	Preliminaries - setout, site preparation, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	N/A will v	vary	depending o	n ap	prach to works			Allowance only - TBC subject staging
Kelly S	itreet Nature Reserve							\$	37,327.00	
2	Kelly Street Nature Reserve path upgrade	item	443	\$	30.00	\$	13,290.00			Assumes works by BSC and can be undertaken in conjunction with other kerb
3	Minor clearing and estabishment of slashed grass area in Kelly Street Nature	m ²	2388	\$	4.00	\$	9,552.00			
4	Supply and install Roadside Litter & Recycling Receptacle (metal front/rear and timber sides) with insert Trail name	item	4	\$	1,645.00	\$	6,580.00			
5	Supply and install park	item	2	\$	1,200.00	\$	2,400.00			
6	Drinking fountian with dog bowl and side tap	item	1	\$	2,505.00	\$	2,505.00			
V II 6	Water connection to drinking fountain	item	1	\$	3,000.00	\$	3,000.00	+	0.405.00	
Kelly 3	street / Charlotte Street Picnic are			***************************************				\$	8,405.00	
7	Supply and install Roadside Litter & Recycling Receptacle (metal front/rear and timber sides) with insert Trail name	item	1	\$	1,645.00	\$	1,645.00			
8	Supply and install picnic tables and seats with provision for wheelchairs	item	2	\$	3,380.00	\$	6,760.00			
Golf C	ourse Picnic area							\$	8,405.00	
9	Supply and install Roadside Litter & Recycling Receptacle (metal front/rear and timber sides) with insert Trail name	item	1	\$	1,645.00	\$	1,645.00			
10	Supply and install picnic tables and seats with provision for wheelchairs	item	2	\$	3,380.00	\$	6,760.00			
						Subi	otal (ex. GST)	\$	54,137.00	

Wayf	inding & Interpretation S	Stage								
Berri	gan Shire Council, Tocum	wal Rota	ry and '	Γοσ	eumwal Fa	rme	ers Market			
Schedu	ıle 3	400 AN AND AND AND AND AND AND AND AND AND								
	Whilst every effort has been taken Malan Landscape Architects cannot from the use thereof.									
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Date :	16.10.2018							And the second		
Lical M	Ialan Landscape Architects, PO	Ром 70 Цах	accust VI	C 9	459					
	a.com.qu	D0X 76 11a1	court, vi	U 34	±00					
No.	Item	Unit	Quantity		Unit cost		pproximate total cost ccluding GST)		Subtotal	Comments
Prelimi	naries and earthworks		,					\$	4,000.00	
1	Preliminaries - setout, site preparation, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	\$	4,000.00	\$	4,000.00	приделення переделення переделення переделення переделення переделення переделення переделення переделення пер		Allowance only - TBC subject staging
Trailhe	ad							\$	103,600.00	
2	Supply and install carpark gravel area	item	1	\$	50,000.00	\$	50,000.00			BSC input required Allowance only - TBC
3	Supply and install concrete shared path at 2.5m wide	m	405	\$	120.00	\$	48,600.00			
4	Relocation of existing shelter including new footings	item	1	\$	1,000.00	\$	1,000.00			
5	Crane truck to assist with relocation of shelter	item	1	\$	2,000.00	\$	2,000.00			Allowance only.
6	Refurbishment of existing shelters including repainting and cleaning	item	2	\$	1,000.00	\$	2,000.00			
Interpre								\$	74,000.00	
7	Interpretive signage - research, curation, copy writing, graphic design and signage form design and detailing	item	8	\$	3,000.00	\$	24,000.00			Assumes limited research required
8	Interpretive elements including signage - fabrication & installation	item	8	\$	3,000.00	\$	24,000.00			
9	Wayfinding signage - graphic design and signage form design and detailing	item	1	\$	2,000.00	\$	2,000.00			Assumes limited research required
10	Wayfinding signage - fabrication & installation	item	2	\$	1,000.00	\$	2,000.00			
11	Supply and install wayfinding bollard	item	10	\$	200.00	\$	2,000.00			
12	Shelter 1 Update existing shelter display including fabrication supply and installation (approximately 7 new panels + 1 wayfinding sign as itemised above)	item	1	\$	10,000.00	\$	10,000.00	мания выправления в принципальний в принципаль		

WAAAF Creek Walk - Tocumwal Appendix "F"

					Subtota	(ex. GST)	\$ 190,760.00	
	bin		1					
15	Supply and install park benches	item	2	\$ 1,200.00	\$	2,400.00		
14	Supply and install picnic tables and seats with provision for wheelchairs	item	2	\$ 3,380.00	\$	6,760.00		
urnitu							\$ 9,160.00	
13	Shelter 2 update existing shelter display (approximately 7 new panels + 1 wayfinding sign as itemised above)	item	1	\$ 10,000.00	\$	10,000.00		

Waad	Control (Domonotation	Chama			No.			
	Control & Revegetation							
Berri	gan Shire Council, Tocum	ıwal Kota	ry and '	l'ocumwal	Farmers Mar	ket		
Schedu	·	***						
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	arising from the use thereof.	иппот ассерт	ildbilliy					
•	This OPC includes construction costs	only, it does	not					
	include consultancy fees associated		nal design					
	for revised scope, documentation a	· · · · · · · · · · · · · · · · · · ·						
•	This OPC is based on a Draft Conce subject to variation during documen		and is					
•	All rates are to be confirmed by Be	errigan Shire	Council.					
Date : 1	16.10.2018							
Liesl M	Ialan Landscape Architects, PC) Box 78 Ha	rcourt. V	IC 3453	MANAGAN PARAMANANANANANANANANANANANANANANANANANAN			
	a.com.au							

No.	Item	Unit	Quantity	Plant size	Unit cost	Approximate total cost (excluding GST)	Subtotal	Comments
Design	and documentation of revegetati						\$ 15,000.00	
1	Professional design and documentation of creek rehabilitation works including species selection, bank works as appropriate, planting plans, scheldules, modules and details, opinion of probable costs including staging, weed and pest control recommendatiosn.	item	1	n/a	\$ 15,000.00	\$ 15,000.00		Allowance only -
2	Survey of creek to support planting plan and bank works	item	1	n/a	To be undertake	n by BSC internally		
Revege	tation						\$ 278,635.00	
3	1. Upstream of boardwalk Preliminaries - setout, site preparation, and bank works, weed control Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	n/a	\$ 4,000.00	\$ 4,000.00		Allowance only - TBC subject staging
4	Upstream of boardwalk Revegetation of the creek banks with riparian species. Assumes 6 hiko stock per m2	m ²	1759	Hiko	\$ 15.00	\$ 26,385.00		Area to be revegetated in Creek is an estimate only due to no site survey to confirm location of top and toe of bank
5	2. Between Boardwalk & Robert's Bridge Preliminaries - setout, site preparation, and bank works, weed control, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	n/a	\$ 4,000.00	\$ 4,000.00		Allowance only - TBC subject staging
6	Between Boardwalk & Robert's Bridge Revegetation of the creek banks with riparian species. Assumes 6 hiko stock per m2	m ²	3060	Hiko	\$ 15.00	\$ 45,900.00		

					_					1
7	3. Between Robert's Bridge & Kelly St Preliminaries - setout, site preparation, and bank works, weed control, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	n/a	\$	4,000.00	\$	4,000.00		Allowance only - TBC subject staging
8	3. Between Robert's Bridge & Kelly St Revegetation of the creek banks with riparian species. Assumes 6 hiko stock per m2	m ²	2088	Hiko	\$	15.00	\$	31,320.00		
9	4. Between Kelly St & Bessies Bridge Preliminaries - setout, site preparation, and bank works, weed control, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	n/a	\$	4,000.00	\$	4,000.00		Allowance only - TBC subject staging
10	4. Between Kelly St & Bessies Bridge Revegetation of the creek banks with riparian species. Assumes 6 hiko stock per m2	m ²	5000	Hiko	\$	15.00	\$	75,000.00		
11	5. Between Bessies Bridge & Hennessey St Preliminaries - setout, site preparation, and bank works, weed control, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	n/a	\$	4,000.00	\$	4,000.00		Allowance only - TBC subject staging
12	5. Between Bessies Bridge & Hennessey St Revegetation of the creek banks with riparian species. Assumes 6 hiko stock per m2	m²	2718	Hiko	\$	15.00	\$	40,770.00		
13	6. Kelly St Reserve Swale Preliminaries - setout, site preparation, and bank works, weed control, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1	n/a	\$	1,000.00	\$	1,000.00		Allowance only - TBC subject staging
14	6. Kelly St Reserve Swale Revegetation of the swale with riparian species. Assumes 6 hiko stock per m2	m ²	1768	Hiko	\$	15.00	\$	26,520.00		
15	Revegetation with shrub species screening. Assumes 4 hiko stock per m2	m ²	1174	Hiko	\$	10.00	\$	11,740.00		
16	Weed control - manual removal of weed shrubs	item	1	on	going	maintenance	e buc	lget		
17	Weed control using chemical methods (ensure best practice in creek environment)	item	1	on	going	maintenance	e buc	lget		
							Ç.,L.	total /ov GST	\$ 203 635 00	
	Subtotal (ex. GST) \$ 293,635.00									

10	Installation of bridge crossings including footings. Ensure site is left neat and tidy.	item	1	\$ 5,000.00	\$	5,000.00			
11	Crane truck to assist with bridges and boardwalk installation	item	1	\$ 5,000.00	\$	5,000.00			
					Subtot	al (ex. GST)	\$ 294,700.00		

Futur	e works outside of Projec	et Scope								1
	gan Shire Council, Tocum	-	ry and '	Toc	umwal Fa	rme	ers Market			
Schedu	le 3									
•	Whilst every effort has been taken Malan Landscape Architects cannot from the use thereof.									
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•	All rates are to be confirmed by Be	rrigan Shire C	Council.							
Date : 1	16.10.2018									
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No.	ltem	Unit	Quantity		Unit cost		approximate total cost scluding GST)		Subtotal	Comments
Prelimin	naries and earthworks					(0)	telouning Colf	\$	-	
1	Preliminaries - setout, site preparation, Public Liability Insurance, Safe Work Methods, Site Management Plan, Traffic Management, Dial Before You Dig and OH&S	item	1		N/A will vary	y de	pending on ap			
2	Removal of all silt dumps from north side of creek banks. Use best practice to dispose of silt in environmental friendly	item			BSC - o	ngoi	ing maintenanc			
Paths	method.		vananana					\$	228,700.00	
4	Supply and install concrete street footpath Hennessy Street	m ²	400	\$						
3	(assumes 2.5m wide) Supply and install concrete street footpath Kelly Street (assumes 2.5m wide)	m ²	1248	\$	120.00	\$	149,700.00			
5	Earthern Ramp in Foreshore 89 lm - Earthworks and site preparation, grading & site set- out, ensuring all areas are free draining, stock pile top soil, undertake weed control (not including revegetation areas)	item	1	\$	30,000.00	\$	30,000.00			BSC input required Allowance only - TBC
6	Crossing (signage only) over Barooga Road near the cemetery and bushland	item	4	\$	250.00	\$	1,000.00			
Lighting			20					\$	30,000.00	
7	Lighting along Creek Walk at trail head area	allowance	1	\$	30,000.00	\$	30,000.00			
Possible	e bridge at Cobram/ Sacred Hed	art School						\$	36,000.00	
8	Soil test to inform structural engineers computations (approximately 1 test site)	item		\$	1,000.00	\$	1,000.00			
9	Supply and delivery of bridge crossing (approximately 10 lm)	item	1	\$	25,000.00	\$	25,000.00			

Interpretive Research

The WAAAF Tocumwal

Tocumwal Historic Aerodrome Museum

http://www.tham.org.au/

The Royal Australian Air Force

Women's Auxiliary Australian Air Force (WAAAF) and Women's Royal Australian Air Force (WRAAF)

Australian War Memorial

https://www.awm.gov.au/learn/understanding-military-structure/raaf/waaaf

Women's Auxiliary Australian Air Force (WAAAF) (1941 - 1947)

http://www.womenaustralia.info/biogs/AWE0400b.htm

Australians at War Film Archive

Lois Dalziel

http://australiansatwarfilmarchive.unsw.edu.au/archive/2095-lois-dalziel

Women the victims of war, WAAAF veteran says

https://www.canberratimes.com.au/national/act/women-the-victims-of-war-waaaf-veteran-says-20160421-gobjad.html

Women's Auxiliary Australian Air Force (WAAAF)

in Australia During WW2

https://www.ozatwar.com/waaaf/waaaf.htm

WAAAF - an Aussie wartime success story

http://www.defence.gov.au/news/raafnews/editions/4404/story10.htm

One WAAAF remembers

Judy Stone, WAAAF

(Joanna Penglase and David Horner, When the War Came to Australia, Allen and Unwin, Sydney, 1992 pages 49 - 50, 245)

Investigating the reality

what women did and were paid

http://main.anzacday.org.au/overview-of-activity

Meander along the WWII Women's Auxillary Australian Air Force Memorial Creek Walk.

http://www.toconthemurray.com.au/Products/19/70/WAAAF-Creek-Walk.html

Women's Auxiliary Australian Air Force Memorial Creek Walk

http://www.aussietowns.com.au/town/tocumwal-nsw

Geocache Description

WAAAF Creek Walk #3

 $https://www.geocaching.com/geocache/GC2W319_waaaf-creek-walk-3?guid=14cf647e-f5d4-4cb9-9867-8f50b8c78971$

Woman Answered the Call During the War

https://anzacportal.dva.gov.au/history/special-features/veterans-stories/australians-war-stories/women-answered-call-during-war

Trove WAAAF Articles

https://trove.nla.gov.au/

https://trove.nla.gov.au/newspaper/page/626974#

https://trove.nla.gov.au/newspaper/rendition/nla.news-page4727522.pdf

Other Links

http://www.australiansatwar.gov.au/stories/stories_ID=17_war=W2.html http://www.australia.gov.au/about-australia/australian-story/aviatrices

http://murrayriver.com.au/tocumwal/tocumwal-history/

Images

VIC0376

Australian War Memorial

https://www.awm.gov.au/collection/C291696

 $Tocumwal, NSW.\ C.\ 1944.\ Two\ WAAAF\ armourers\ working\ on\ a\ gun\ turret\ of\ a\ Consolidated\ B-24$ $Liberator\ bomber\ aircraft\ at\ No.\ 7\ Operational\ Training\ Unit,\ RAAF\ Station\ Tocumwal.$

Copyright expired

VIC0380

Australian War Memorial

https://www.awm.gov.au/collection/C291700?image=1

Tocumwal, NSW. C. 1944. Two WAAAF armourers working on a gun turret of a Consolidated B-24 Liberator bomber aircraft at No. 7 Operational Training Unit, RAAF Station Tocumwal.

Copyright expired

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Australian War Memorial

https://www.awm.gov.au/collection/C291697?image=1

Tocumwal, NSW. C. 1944. A WAAAF airframe fitter at work on an aircraft at No. 7 Aircraft Depot, RAAF Station Tocumwal.

THAM Images

WAAAF's on board the wings of a Wirraway

WAAAF's picnic by the Murray River

One of the many weddings on the base

http://www.tham.org.au/

WAAAF Creek Walk - Tocumwal Women's Weekly - 24/03/1945 WAAAF 4th Year Special "F"





THE W.A.A.A.F. IS NOW FOUR YEARS OLD . . .

BIRTHDAY greetings to the W.A.A.A.F., which is now four years old! Its total strength is approximately 18,500, of whom the largest group—4000—are doing various forms of signals and communication work. Next to them in numbers are cooks and mess stewardesses—3000—while 1500 work on aircraft in both technical and unskilled jobs. These photographs were taken on a tour of R.A.A.F. stations by a staff photographer of The Australian Women's Weekly.



AT A NORTHERN BASE, Wasafs travel to work by trailer







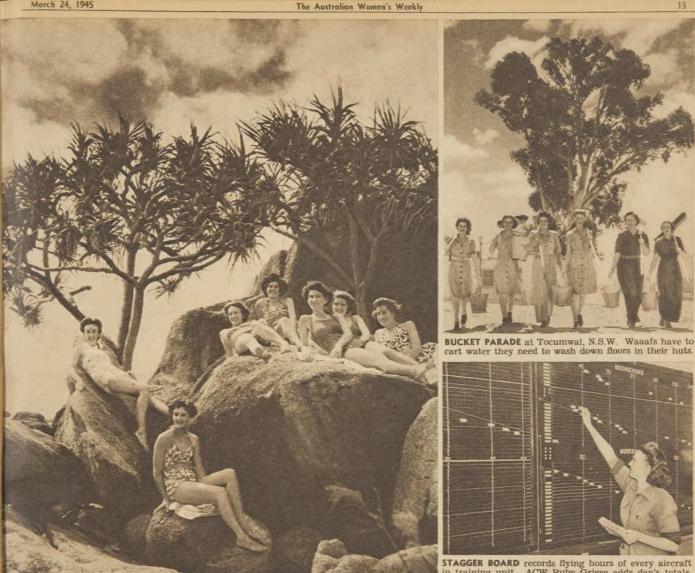
TELGRAPHIST ACW Mollie Winter had two sisters, two brothers, in Services. One brother was killed.





CORPORAL NAN DOYLE, wireless-telegraphist, sets out for night shift, taking rations for supper.

AIRCRAFTWOMEN and aircraftmen at work on a Mark 8 Spitfire at a training unit.





STAGGER BOARD records flying hours of every aircraft in training unit. ACW Ruby Grieve adds day's totals.





ACW BETTY SHIRLEY cooks for 250 in airmen's "DOPING" PATCHES on a flying-boat. Tarmac is right on the beach at this maintenance unit mess in former hotel in North. Husband is a P.O.W. Aircraft come direct from operational areas, often with bullet and shrappel holes in fabric.

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YOUR FAVOURITE RADIO 268

'The Dominant Sex"

"Learn a Tune" Mon. and Wed., 7.45 p.m.

Week End For Three" Tuesday, 9.30 p.m.

Digger Hale's Daughters" Mon. to Thurs., 6.45 p.m.

What Do You Know?" Thursday, I p.m.

"Youth Speaks"

SATURDAY "Melodies and Memories"

HE NATION'S STATION!

IGGER ACW It's Smith, working on repairs in the gun totalina at Rathmines shape boot base, N.S.W. You have to Veterans and newcomers find staunch friendships may attribut hands on attributes to piek out the gifts from the and absorbing work in the W.A.A.A.F.

By ADELE SHELTON SMITH

"Me and my girl friend thought it out during morning

This was what a nineteen-year-old groundstaff man said when his C.O. asked him how he had thought out an idea he had submitted to speed up maintenance work

The C.O. told the story as an illustration of the splendid co-operation between the R.A.A.F. and the W.A.A.A.F.

MEMBERS of the WAAAF.

have been working alongside the RAAF now for four years.

Some of them have been doing the same work day in day out for four years, serving meals cooking typing work and the camp the showers have no roof. The rain was falling in meals cooking typing works and the camp the showers have no roof. The rain was falling in meals cooking typing works and the camp the showers have no roof.

ing switchboards.

Others have changed their nustering several times as the cope of the WAAAF's been a jealously guarded tradition with the switch has widehed.

She saw the girls at we

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http://nla.gov.au/nla.news-page4727530

National Library of Australia

Berrigan Shire Council, Tocumwal Rotary Club & Tocumwal Farmers Market

LM·LA

March 24, 1945

MARCH 24, 1945

FOUR YEARS
OF SERVICE
FOUR years ago 200
girls were enrolled to run the first W.A.A.A.F. braining depot.
Apart from the nursing services they were Australia's first service-women, and everyone watched to see how they would "make out."
From that small nucleus

APTER H.M.A.S. Australia and Shropshire were to action recently, 4/B. John Corcoration, of Shripshire, wrote to bis mother in Bondi, N.S.W.
Some of the Australia below the Australia below the Australia below the Australia below the Australia and Indiana, of the Mastralia below the Australia below to be and happy.

Mrs. Corcoran and a neighbor, Mrs. Carke, another sallor's mother, visited the boys, organised social functions, and with hung between life and death for several weeks.

Mrs. Carke, another sallor's mother, visited the boys, organised social functions, and with hung between life and death for several weeks.

Mrs. Carke, another sallor's mother, visited the boys, organised social functions, and with hung between life and death for several weeks.

Mrs. Carke, another sallor's mother in Bondi, N.S.W.

To make them comfortable and happy.

Mrs. Carke, another sallor's mother in Bondi, N.S.W.

Mrs. Carcoran and a neighbor, Mrs. Carke, another sallor's mother in Bondi, N.S.W.

Try to make them comfortable and happy.

Mrs. Carke, another and death for several weeks.

Mrs. Carke, another and death for several weeks.

Mrs. Carke, another sallor's mother in Bondi, N.S.W.

Mrs. Carcoran and a neighbor, Mrs. Carke, another sallor's mother in Bondi, N.S.W.

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Mrs. Carcoran and a neighbor, Mrs. Carke, another sallor's mother in Bondi, N.S.W.

Mrs. Carke, another sa

inspiring.

So is their relationship with the men of the R.A.A.F. There is a commonsense comradeship.

with the men of the R.A.A.F. There is a commonsense contradeship between the girls and men working allougside each other that makes the arguments about women in the post-war world seem unnecessary fussation.

The girls are justifiably proud they have proved themselves competent to work alongside men, but most of them have already made up their minds that a home, husband, and family will come first when they say good-bye to service life.

For those who have not seem the W.A.A.A.F. They will contain the first rush of enlistments.

As the offensice in the Facilite speeds up, heavier the minds. As the offensice in the Facilite speeds up, heavier the minds wall be made on the W.A.A.A.F. They will common colours by the continue to make them as strongly now as it did in the first rush of enlistments.

As the offensice in the Facilite speeds up, heavier the minds wall be made on the W.A.A.A.F. They will common colours by the continue to make them as strongly now as it did in the proposal wall to the proposal w











SAILORS' MOTHERS

AFTER H.M.A.S. Australia







March 24, 1945

ONE is moved to wonder regu-

ONE is moved to wonder regularly each year
Whether holidays are worth the preparatory wear and tear
Caused by the scurry to get work up to date
And tidying the desk in one furious spate.
Clearing the drawers of the Junk that encumbers,
Such as letters, hills, and mysterious phone numbers.
To say nothing of remembering to explain to one's reflever That there is no used to get into a frended fever
Over the folder marked "Urgent," which, in point of fact,
Has lain crammed full of rubbish for the last year, intact.

—DOROTHY DRAIN.



MISS J. STAVRIDI



MR. J. T. TOMASETTI

DIRECTOR of Ste

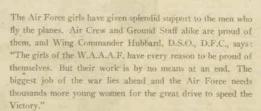




The Australian Women's Weekly







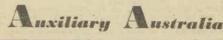
What a chance the Air Force offers you! Join up now. Vital, interesting work is waiting for you. You will be as much a member of our gallant Air Force as the men who fly the 'planes.

And you can choose the work you want to do from the variety fly the planes. Air Crew and Ground Staff alike are proud of of jobs open to you. Pay is good, leave is on a generous scale and conditions are comfortable

... says Wing Commander A. L. C. Hubbard, D.S.O., D.F.C.

Here is your opportunity to live a thrilling, wonderful life-to do a job that you'll always look back on with keen pleasure and a feeling of well-deserved pride.

The Air Force needs you-to-day! Join it, work with it, share in its triumphs. You can obtain full particulars from your local R.A.A.F. Recruiting Committee, or from the R.A.A.F. Recruiting Centre in any capital city.



"The girls of the W.A.A.A.F. have every reason to be proud

of themselves, and the Air Force is proud of them, too"

SERVE WITH THE AIR FORCE ... Women's Auxiliary Australian Air Force

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http://nla.gov.au/nla.news-page4727531



Cemeteries & Crematoria NSW Fact Sheet

A new interment rights system in NSW

In 2012 the NSW Government commenced a program of reforms to bring a coordinated, strategic approach to the management of interment rights in NSW.

The Cemeteries and Crematoria Act 2013 (the Act) was passed by the NSW Parliament and commenced on 24 October 2014. Part 4 of the Act is about to come into force, which introduces a new interment rights system in NSW. This fact sheet answers some common questions about interment rights and the new system.

Questions and answers

What is an interment right?

An interment right is a contract with a cemetery operator that allows the right holder to undertake burials in a particular grave or other allotment in the cemetery. The holder of the interment right can determine who can be buried in the grave or other allotment. An interment right is an 'interest' in land but the right holder does not become the owner of the land. Interment rights apply to burials in the earth and to burials in mausoleums, crypts and vaults. They also apply to burials of cremated remains in the earth, columbarium or niche wall.

What is a perpetual interment right?

A perpetual interment right allows the right holder to bury human remains in a particular grave or other allotment in a cemetery and for those remains to be left undisturbed forever (in perpetuity). Additional interments may be added depending on the type of plot which has been purchased.

What is a renewable interment right?

A renewable interment right allows the right holder to bury human remains in a particular grave or other allotment in a cemetery and for those remains to be left undisturbed for an initial set period of 25 years. The renewable interment right can be renewed for additional periods up to a maximum of 99 years. Any human remains in the grave must remain undisturbed until the additional period expires. If a renewable interment right is not renewed, the grave may be re-used subject to a range of procedures as set out in the Act which must be followed by cemetery operators. The initial interment period for cremated remains may be up to 99 years.

Does the Act make renewable interment rights mandatory in NSW?

Renewable interment rights are optional, not mandatory. The Act provides a regulatory framework to ensure that, where offered, renewable interment rights are offered consistently and with adequate consumer safeguards.

Some important things to note about optional renewable interment rights:

- Renewable interment rights are a choice. No community or individual will be required to take up renewable interment rights.
- Renewable interment rights will not operate retrospectively—all existing graves and rights continue exactly as they were prior to the commencement of Part 4 of the Act.
- Perpetual interment rights will continue to be available and there will be no impact on existing perpetual graves or rights.
- New rules and conditions will ensure that holders of renewable interment rights are protected at each stage in the lifecycle of their interment right.
- Graves of local heritage significance and those listed by the Office of Australian War Graves cannot be re-used under any circumstances.



Cemeteries & Crematoria NSW Fact Sheet

What consumer protection exists under the Act?

There are a range of measures provided in the Act to protect consumers at each stage of the interment right process. When granting an interment right to a person, the operator must provide a range of information, a certificate of interment rights and record the information in a public register. Access to information rights (such as the information recorded in the cemetery register) are retained and a process for compensation is established where an interment right is withdrawn by a cemetery operator. There are robust notification processes outlined in the Act before a renewable interment right expires or where a cemetery operator must revoke an interment right.

What if a renewable interment right expires before it is needed?

Purchase at need may be appropriate when considering whether a renewable interment right is the preferred option.

What assistance will Cemeteries and Crematoria NSW be providing to cemetery operators and the public?

Cemeteries and Crematoria NSW will be providing guidelines, information sheets and other communications material to assist cemetery operators to comply with and adjust to the new interment rights system. A consumer guide and information sheets in different languages will also be available to assist the general public in understanding the changes to interment rights.

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