



Infrastructure Standing Committee Meeting Wednesday, 2 June 2021

I hereby give notice that a Meeting of the Infrastructure Standing Committee will be held on:

- Date: Wednesday, 2 June 2021
- Time: 9.00am
- Location: Warren Truss Chamber 45 Glendon Street Kingaroy

Mark Pitt PSM Chief Executive Officer

Order Of Business

1	Openin	g	4
2	Leave o	of Absence / Apologies	4
3	Recogr	nition of Traditional Owners	4
4	Declara	ation of Interest	4
5	Confirm	nation of Minutes of Previous Meeting	5
	5.1	Minutes of the Infrastructure Standing Committee Meeting held on 5 May 2021	5
6	Portfoli	o – Roads & Drainage	. 15
	6.1	Roads and Drainage Portfolio Report	. 15
	6.2	South Burnett Town Entry Monuments Farewell Signage	. 23
	6.3	Kingaroy Transformation Project Update	. 31
	6.4	Wondai Industrial Estate - Design Report	. 41
	6.5	Sawpit Creek Pedestrian Bridge – Unsuccessful ATSI TIDS Application	. 47
	6.6	Road Maintenance and Slashing Overview	. 59
	6.7	Guidelines for Cleaning of Footpaths within CBD Areas	. 71
7	Portfoli	o - LDMG, Water & Wastewater	. 75
	7.1	Local Disaster Management, Water and Wastewater Portfolio Report	. 75
	7.2	Application to Supply Water Outside the Declared Supply Area	. 82
	7.3	On Sell of Remaining Water Allocation from BP Dam	. 84
8	Questic	ons on Notice	. 86
	8.1	Questions on Notice	. 86
9	Confide	ential Section	. 90
	9.1	Electric Vehicle Charging Station	. 90
10	Closure	e of Meeting	. 91

In accordance with the *Local Government Regulation 2012,* please be advised that all discussion held during the meeting is recorded for the purpose of verifying the minutes. This will include any discussion involving a Councillor, staff member or a member of the public.

1 OPENING

- 2 LEAVE OF ABSENCE / APOLOGIES
- 3 RECOGNITION OF TRADITIONAL OWNERS
- 4 DECLARATION OF INTEREST

5 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

5.1 MINUTES OF THE INFRASTRUCTURE STANDING COMMITTEE MEETING HELD ON 5 MAY 2021

File Number:02-06-2021Author:Executive Assistant

Authoriser: Chief Executive Officer

OFFICER'S RECOMMENDATION

That the Minutes of the Infrastructure Standing Committee Meeting held on 5 May 2021 be received.

ATTACHMENTS

1. Minutes of the Infrastructure Standing Committee Meeting held on 5 May 2021



MINUTES

Infrastructure Standing Committee Meeting Wednesday, 5 May 2021

Order Of Business

1	Openin	g	3
2	Leave o	of Absence / Apologies	3
3	Acknov	vledgement of Traditional Owners	3
4	Declara	tion of Interest	3
5	Confirn	nation of Minutes of Previous Meeting	3
	5.1	Minutes of the Infrastructure Standing Committee Meeting held on 7 April 2021	3
6	Portfoli	o – Roads & Drainage	4
	6.1	Roads and Drainage Portfolio Report	4
	6.2	Minutes of the Traffic Advisory Committee Meeting held Tuesday 16 March 2021	4
	6.3	Hivesville Footpath Petition	5
	6.4	George Street Carpark	5
	6.5	Kingaroy Transformation Project Update	5
	6.6	Wondai Industrial Estate	6
7	Portfoli	o - LDMG, Water & Wastewater	7
	7.1	Local Disaster Management, Water and Wastewater Portfolio Report	7
	7.2	Clark and Swendson Development South East Kingaroy Water Infrastructure	7
	7.3	Application to Supply Water Outside the Declared Supply Area	8
8	Questic	ons on Notice	8
	8.1	Questions on Notice	8
9	Confidential Section		
10	Closure of Meeting10		

MINUTES OF SOUTH BURNETT REGIONAL COUNCIL INFRASTRUCTURE STANDING COMMITTEE MEETINGHELD AT THE WARREN TRUSS CHAMBER, 45 GLENDON STREET, KINGAROY ON WEDNESDAY, 5 MAY 2021 AT 9.00AM

PRESENT: Councillors:

Cr Gavin Jones (Deputy Mayor), Cr Roz Frohloff, Cr Danita Potter, Cr Kirstie Schumacher, Cr Scott Henschen, Cr Kathy Duff

Council Officers:

Mark Pitt (Chief Executive Officer), Susan Jarvis (General Manager Finance & Corporate), Aaron Meehan (General Manager Infrastructure), Peter O'May (General Manager Community), Kevin Searle (Manager Works), James D'Arcy (Manager Infrastructure Planning), Tim Low (Manager Water & Wastewater), Allen Christensen (Program Manager – KTP), Jed Brennan (Consultant), Kristy Champney (Personal Assistant Infrastructure), Lynelle Paterson (Executive Assistant)

1 OPENING

The Deputy Mayor declared the meeting open and welcomed all attendees

2 LEAVE OF ABSENCE / APOLOGIES

APOLOGY

COMMITTEE RESOLUTION 2021/87

Moved: Cr Gavin Jones Seconded: Cr Kathy Duff

That the apology received from Mayor Otto be accepted and leave of absence granted.

CARRIED 6/0

3 ACKNOWLEDGEMENT OF TRADITIONAL OWNERS

Cr Duff acknowledged the traditional custodians of the land on which the meeting took place.

4 DECLARATION OF INTEREST

Nil

5 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

5.1 MINUTES OF THE INFRASTRUCTURE STANDING COMMITTEE MEETING HELD ON 7 APRIL 2021

COMMITTEE RESOLUTION 2021/88

Moved: Cr Gavin Jones Seconded: Cr Scott Henschen

That the Minutes of the Infrastructure Standing Committee Meeting held on 7 April 2021 be received.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

6 PORTFOLIO – ROADS & DRAINAGE

6.1 ROADS AND DRAINAGE PORTFOLIO REPORT

COMMITTEE RESOLUTION 2021/89

Moved: Cr Gavin Jones Seconded: Cr Kirstie Schumacher

That Councillor Jones's Road and Drainage Portfolio Report to Council be received for information.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

6.1.1 QUESTION ON NOTICE - CHERBOURG ROAD

Question on Notice from Cr Kathy Duff:

What is happening with the Cherbourg Road? In the Council's budget is Council is going to do something with our end of Cherbourg Road?

Attendance:

At 9:21am, CEO Mark Pitt left the meeting At 9:25am, CEO Mark Pitt returned to the meeting

6.2 MINUTES OF THE TRAFFIC ADVISORY COMMITTEE MEETING HELD TUESDAY 16 MARCH 2021

COMMITTEE RESOLUTION 2021/90

Moved: Cr Danita Potter Seconded: Cr Roz Frohloff

That the Committee recommends to Council:

That Council endorse the attached minutes and recommendations of the Traffic Advisory Committee held Tuesday, 16 March 2021.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

6.2.1 FATALITY FREE FRIDAY

RESOLVED 2021/91

Promote Fatality Free Friday on 28 May through Social Media.

6.3 HIVESVILLE FOOTPATH PETITION

COMMITTEE RESOLUTION 2021/92

Moved: Cr Kathy Duff Seconded: Cr Danita Potter

That the committee recommend to Council:

That Council consider the footpath request between Hivesville and Gwen Street along the Wondai Proston Road in the development of its forward capital works program.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

6.3.1 QUESTION ON NOTICE - HIVESVILLE FOOTPATH STAGED APPROACH

Question on Notice from Cr Schumacher:

Is there a possibility of looking at a staged approach for the Hivesville footpath or some different sealing options that might be more of a cost effective solution?

6.4 GEORGE STREET CARPARK

COMMITTEE RESOLUTION 2021/93

Moved: Cr Danita Potter Seconded: Cr Kirstie Schumacher

That Council note the attached update on George Street Carpark.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

Attendance:

At 10:04 am, Cr Danita Potter left the meeting.

At 10:05 am, Cr Danita Potter returned to the meeting.

6.5 KINGAROY TRANSFORMATION PROJECT UPDATE

COMMITTEE RESOLUTION 2021/94

Moved: Cr Kirstie Schumacher Seconded: Cr Roz Frohloff

That Council note the attached Kingaroy Transformation Project Update report for information.

In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff

Against: Nil

CARRIED 6/0

6.6 WONDAI INDUSTRIAL ESTATE

COMMITTEE RESOLUTION 2021/95

Moved: Cr Kathy Duff Seconded: Cr Scott Henschen

That upgrades for B-Double access through the Wondai Industrial Estate be considered for design and options be presented to a future Standing Committee for consideration.

In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff

Against: Nil

CARRIED 6/0

6.6.1 QUESTION ON NOTICE - HISTORY OF WONDAI INDUSTRIAL ESTATE

Questions on Notice from Cr Schumacher:

When was the Wondai Industrial Estate established? Who developed the industrial estate? Were the funds from the sale of land in the industrial estate put into the infrastructure for the industrial estate. Have the commercial operators in the area paid any infrastructure charges?

A report on the history of the estate will be provided to a future standing committee as part of the design report.

ADJOURN MORNING TEA

COMMITTEE RESOLUTION 2021/96

Moved: Cr Gavin Jones Seconded: Cr Scott Henschen

That the meeting adjourn for morning tea.

CARRIED 6/0

RESUME MEETING

COMMITTEE RESOLUTION 2021/97

Moved: Cr Kirstie Schumacher Seconded: Cr Scott Henschen

That the meeting resume at 11.04am.

CARRIED

7 PORTFOLIO - LDMG, WATER & WASTEWATER

7.1 LOCAL DISASTER MANAGEMENT, WATER AND WASTEWATER PORTFOLIO REPORT

COMMITTEE RESOLUTION 2021/98

Moved: Cr Roz Frohloff Seconded: Cr Kathy Duff

That Councillor Frohloff's Local Disaster Management, Water and Wastewater Portfolio report to Council be received for information.

In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff

Against: Nil

CARRIED 6/0

7.1.1 BARKER BARAMBAH SCHEME

Question on notice from Cr Schumacher:

Is there any opportunity for Council to on-sell some of its remaining allocation from the Barker Barambah Scheme?

A report will be provided to the next standing committee meeting.

7.1.2 LETTER TO COMMUNITY GROUPS - WONDAI CLASS A WATER

COMMITTEE RESOLUTION 2021/99

Write to the Clubs and give them an update on the project.

Attendance:

At 11:53 am, CEO Mark Pitt left the meeting At 11:56 am, CEO Mark Pitt returned to the meeting.

7.2 CLARK AND SWENDSON DEVELOPMENT SOUTH EAST KINGAROY WATER INFRASTRUCTURE

COMMITTEE RESOLUTION 2021/100

Moved: Cr Roz Frohloff Seconded: Cr Danita Potter

That the committee recommend to Council:

That Council:

- 1. Advise the developer that Council is unable to advance funding to commence these works due to other network priorities; and
- 2. Advise the developer that they can build their own infrastructure to service their development only; and
- 3. Consider options for staged delivery of components of the planned trunk water infrastructure for Kingaroy, including Option four (4) of this report, in its Ten (10) Year Capital Works Program.
- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff

Against: Nil

CARRIED 6/0

7.3 APPLICATION TO SUPPLY WATER OUTSIDE THE DECLARED SUPPLY AREA

COMMITTEE RESOLUTION 2021/101

Moved: Cr Roz Frohloff Seconded: Cr Scott Henschen

That the matter lay on the table until the June Infrastructure Standing Committee with the review of the declared water areas.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

8 QUESTIONS ON NOTICE

8.1 QUESTIONS ON NOTICE

COMMITTEE RESOLUTION 2021/102

Moved: Cr Kirstie Schumacher Seconded: Cr Roz Frohloff

That the responses to the questions raised be received and noted.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

CARRIED 6/0

8.1.1 QUESTION ON NOTICE - MAIDENWELL BUNYA MOUNTAINS ROAD

Question on notice from Cr Duff:

How many vehicles travel daily on Maidenwell Bunya Mountains Road per day in comparison to other LRRS Roads?

Comparative figures will be provided.

8.1.2 CHERBOURG ROAD

Question on notice from Cr Duff What is the traffic count on Cherbourg Road?

9 CONFIDENTIAL SECTION

10 CLOSURE OF MEETING

The Meeting closed at 12.16pm.

The minutes of this meeting were confirmed at the Infrastructure Standing Committee Meeting held on 2 June 2021.

CHAIRPERSON

6 PORTFOLIO – ROADS & DRAINAGE

6.1 ROADS AND DRAINAGE PORTFOLIO REPORT

File Number: 06-02-2021

Author: Personal Assistant Infrastructure

Authoriser: Chief Executive Officer

PRECIS

Roads and Drainage Portfolio Report

SUMMARY

Councillor Jones presents his Roads and Drainage Portfolio to Council.

OFFICER'S RECOMMENDATION

That Councillor Jones's Road and Drainage Portfolio Report to Council be received for information.

BACKGROUND

N/A

ATTACHMENTS

1. Roads and Drainage Portfolio Report 🗓 🛣

ROADS AND DRAINAGE PORTFOLIO REPORT

The following are Current / Planned Works for May and June

Information updated as of 14 May 2021

Capital Works

Name	Description	Expected Start	Expected
		Date	Completion Date
Alford Street, Kingaroy	Kerb and channel upgrade	Мау	June
Bramston Street, Wondai	Kerb and channel upgrade	Мау	June
Byee Road, Wheatlands	Widen, seal and overlay between Flats Road and Mondure Wheatlands Road.	February	July
Cobb Street, Murgon	Kerb and channel upgrade	Мау	June
Gipps Street, Nanango	Kerb and channel upgrade	Мау	June
Haly Street, Kingaroy	Construct a footpath from Jarrah Street to Fisher Street	Мау	June
Kingaroy Transformation Project	Kingaroy CBD upgrade	January 2021	October 2022
Murgon CBD	Footpath upgrade – Lamb Street, Murgon Stage 2 & 3.	July 2020	May 2021
Nanango Butter Factory	Upgrade to car park facilities	Мау	June
Niagara Road, Boyneside	Rehabilitation of existing seal and drainage construction. Final bitumen seal scheduled for May.	Recommenced October 2020	June 2021 (excluding additional drainage repairs)
Roy Emerson Carpark, Blackbutt	Upgrade of carpark facilities	Мау	June
Rural Road, Nanango	Upgrade to bitumen sealed standard	April	June
Blackbutt Pedestrian Bridge Replacement	Replace timber bridge across Taromeo Creek. Prefabricated bridge ordered	March	June
Nanango Pedestrian Bridge Replacement	Replace timber bridge near Nanango State School. Prefabricated bridge ordered.	March	June
Town & Village Entry Signs	Installation of New Entry Signs for Towns and Villages	Мау	June
Williams Road, Benarkin	Upgrade from unsealed to sealed standard	Мау	July

Name	Description	Expected Start Date	Expected Completion Date
Chinchilla Wondai Road	Shoulder resheeting at various locations	Мау	June
Grindstone School Road	Gravel resheet	April	June
Harchs Road	Gravel Resheet	May	June
Johnstown Road	Gravel Resheet	May	June
Lucas Road	Gravel Resheet	Мау	June
Morris Road	Gravel Resheet	Мау	June
Neale Road	Gravel resheet	Мау	May
Nystrom Road	Gravel Resheet	May	June
Oberles Road	Gravel Resheet	Мау	June

Gravel Resheeting & Heavy Formation Grade

Patrol Grading

Locality	Description	Expected Start Date	Expected Finish Date
Chahpingah	Bassingthwaites Road, Burra Burri Road	June	July
Charlestown	Weckers Road, Tingoora Charlestown Road	May	May
Cloyna	Greens Road, Wyatts Road	May	Мау
Corndale	Spencers Road	May	Мау
East Nanango	Magee Road, Brights Road, Rural Road	June	June
Glan Devon	Locke Lane	June	June
Glenrock	Dip Road, Nielsons Road, Schmidhausers Road,	Мау	Мау
Hivesville	Oberles Road	June	June
Hodgleigh	Ballin Road	June	June
Ironpot	Jumma Road, Niagara Road, Sarum Road, Greystonlea Road, McGills Road, Benjamins Road	June	June
Kawl Kawl	Kawl Kawl Road	June	June
Kitoba	Kitoba Road, Ogdens Road	May	Мау
Marshlands	Paddys Road	June	June
Memerambi	Magnussens Road, Parallel Road, Klass And Towns Road	May	June
Mondure	Marjorie Lane, WSF Ramke Road, Steinhardts Road	June	June
Nanango	Rosies Road, Lee Place, Home Street, Frank Brown Street, Chester Street, Selby Lane,	April	June

	Home Street, George Street, Lanes Road, Old Esk North Road, Cafferys Road		
Silverleaf	Blacks Crossing	May	Мау
South Nanango	Major Road West, Blacks Lane, Whittaker Road, Old Yarraman Road, Durrant Road, Oaky Creek Road, McCauley Weir Road, Hamilton Road, Muir Road	June	June
Stonelands	Stonelands Road, Webber Road, Kilrush Road, Ramco Road, Etheringtons Road	June	June
Windera	Bishops Road, McAntee Road, Morgans Road	May	Мау
Wooroolin	Ogilvys Road, Obels Road, Hunsleys Road, East Wooroolin Road, Sportsground Road, Transmitter Road, Hoggs Road	Мау	May
Wooroonden	Remington Road	June	June

Roadside Slashing / Boom Mowing

Locality	Description	Expected Start Date	Expected Finish Date
Abbeywood	Cridlands Road, Basin Road	June	June
Alice Creek	Glencliffe Road	June	June
Ballogie	T H Burns Road	June	June
Booie	Haydens Road, Mt Hope Road, North Branch Road, Jorgensens Road, Faughnans Road, Harchs Road, Malar Road, Franklins Road, Burtons Road, Radunzs Road, Reagon Road	June	June
Boondooma	Manar Road, Pincotts Road, West Boondooma Road, Krugers Road, Brownless Road, Okeden Road	June	June
Brigooda	Rankins Road	June	June
Brooklands	Brooklands Pimpimbudgee Road	June	June
Chahpingah	Burra Burri Road	June	June
Charlestown	Weckers Road, Transmitter Road	June	June
Chelmsford	Red Hill Road, Old Chelmsford Road	June	June
Coolabunia	Bellbird Road, West Coolabunia Road, Coolabunia Road, Barsbys Road	June	June
Cushnie	Mcallisters Road, Magnussens Road, Teschs Road, Schloss Road, Reinkes Road, Cushnie Road, Birds Road, Springs Road	Мау	June
Durong	Aberdeen Road, Swains Road, Stubbs Armstrong Road, Woolletts Road, Shellytop Road, Mundubbera Durong Road	June	June
Ellesmere	Parker Road, Pauls Parade, Gannon Road, Lillian Ave, Hilltop Drive, Acacia Drive	June	June
Goodger	Cairns Road, Weeks Road	June	June
Haly Creek	Flagstone Creek Road, Haly Creek Road, Stuart Valley Drive, Ellesmere Road	June	June
Hillsdale	Hillsdale Road	June	June

	· · · · · · · · · · · · · · · · · · ·		
Hivesville	Hivesville Township	May	Мау
Hodgleigh	Semgreens Road	June	June
Kingaroy	Birts Road, Belair Road, Booie Crawford Road,	June	June
Kinleymore	Kinleymore School Road, Dionysius Road	May	May
Kumbia	Janetzki Street, Brook Road, Kearneys Road, Kumbia Road	June	June
Maidenwell	Coomba Waterhole Road, King Road, Maidenwell Upper Yarraman Road, McConnel Road, Tanduringie School Road, Beare Road, Coleman Road	June	June
Memerambi	Memerambi Cemetery Road, Meehans Road	June	June
Okeden	Old Proston Road	June	June
Pimpimbudgee	Middle Creek Cooyar Road	June	June
Proston	Middle Road, Susan Court, Butler Drive, Proston Boondooma Road	May	Мау
Speedwell	Okeden Byanda Road, Speedwell Road	June	June
Stalworth	Range Road, Speedwell Abbeywood Road, Back Creek Road, Stalworth Road, Proston Abbeywood Road	June	June
Taabinga	Boonenne Ellesmere Road, Lankowskis Road	June	June
Tarong	Norman Road, Raymond Road, Deveraux Drive, Tanduringie Drive	June	June
Tingoora	Tingoora Charlestown Road, Tingoora Chelmsford Road, Tingoora Loop Road	June	June
Wengenville	Saddle Tree Creek Road	June	June
Wigton	Gayndah Hivesville Road	June	June
Wondai	Greenview Road, Lysdale Road, Wondai Industrial Area Old Dip Road, Bunya Avenue, Wondai Charlestown Road	Мау	June
Wooroolin	Sportsground Road, East Wooroolin Road, Quarry Road, Recreation Drive, Youngs Road, West Wooroolin Road, Logans Road, Denmark Road, Wellers Road, Dunfords Road, Cants Road	June	June

Completed Works for Noting – from 19 April 2021

Capital Works				
Name Description				
Youngman Street, Kingaroy	Footpath construction between Oliver Bond and Alford Street.			

Gravel Resheeting

Name	Description
Hancocks Road	Gravel Resheet
Kingaroy Barkers Creek Road	Shoulder Resheet
Kingaroy Burrandowan Road	Gravel Resheet, Heavy and Medium Formation Grade
Maidenwell Upper Yarraman Road	Gravel Resheet
Nollers Road	Gravel Resheet

Patrol Grading

Locality	Description
Booie	McIIIhatton Road
Brooklands	Baker Road, Old Taabinga Road, Farnows Road, Fairbrother Road
Cloyna	Althause Road, Holdings Road
Crownthorpe	Carters Road, Nangur Road, Blackburns Road
East Nanango	Mercer Springate Road, Snowys Knob Road, Horne Lane
Goodger	Archookoora Road, Foleys Road
Ironpot	Ironpot Road
Kitoba	Hinchcliffes Road
Manyung	Jones Road
Melwood	Richards Road
Nanango	Home Street
South Nanango	Major Road East, Blacks Lane
Sunny Nook	Eisenmengers Road, Cobbs Hill Road
Tablelands	Bellottis Road, Uptons Road, Daniels Road
Warnung	Friebergs Road, Mitchells Road

Locality	Description	
Barlil	Paul Holznagel Road	
Benair	Reedy Creek Road, Kumbia Minmore Road, Benair Road	
Benarkin	Farrington Road, Almond Road, Bygrave Road, Grant Road, Hilary Road, Hardgrave Road, Jones Road, Scott Street, Williams Road, Simpson Road	
Benarkin North	Benarkin Township, Martin Crescent, McLaughlan Road, Bradleys Road	
Blackbutt	Blackbutt Township, Janice Court, Boobir Dam Road, Railway St, Bunya Way, Greenhills Drive, Griffin Road, Jones Road, Reservoir Service Road	
Blackbutt North	Anita Road, Bowmans Road, Crumpton Drive, Enid Court, Gilliland Crescent, Langton Road, Lorna Court, Myrtle Court, Taromeo Court, Packer Road, Cameron Road	
Blackbutt South	Haynes Kite Miller Road, Brett Road, Blackbutt Crows Nest Road, Ogilvie Road	
Booie	Booie Road, Malar Road, Robin and Lee Road, Smith Road	
Boyneside	Red Tank Road	
Byee Road	Friebergs Road, Sempfs Road	
Chelmsford	Flats Road, Jacksons Road	
Cloyna	Bicks Road, Cloyna West Road, William Webber Road, Wilsons Road	
Corndale	Corndale Road	
Crawford	Crawford Road, Siefert Street, Liesegangs Road, Wingfields Road	
Dangore	Dangore Mountain Road	
Glenrock	Glenrock Road, Louttits Road, Wooroonden Road	
Gordonbrook	Ellwoods Road	
Inverlaw	Luck Road, Minmore Road, Deep Creek Road, Biels Road, Wooden Hut Road, Magees Road	
Ironpot	Ironpot Road, Greystonlea Road, Jarail Road	
Kingaroy	Belair Road, West Street, Weens Road, Hodges Road, Memerambi Barkers Creek Road, River Road	
Kitoba	Kitoba Road	
Kumbia	Brook Road	
Mannuem	Mannuem Road	
Memerambi	Memerambi Gordonbrook Road	
Merlwood	Eisenmengers Road, Elbow Road	
Murgon	Gesslers Road, Silverleaf Road, Sommerville Street, Wesslings Road	
Nanango	D'Aguilar Highway	
Nukku	Nukku North Road, Nukku Road	
Oakdale	Bellottis Road, Vieritz Road	
Silverleaf	Campbells Road	
Stonelands	Stonelands Road	

Roadside Slashing / Boom Mowing

Sunny Nook	Headings Road
Taromeo	Boobir Creek Road, David Road, Emerson Road, Franks Road, Marrington Close, Old Esk Road, Sutherland Drive, Taromeo Rise, Wild Deer Drive, Scotts Close, Stretton Drive
Wattle Grove	Wattlegrove Road
Wattle Camp	Birch Road, Brocklehurst Road, Farr Court, Franklin Road, Granite Road, Maguire Road, McClymont Road
Wheatlands	Mondure Wheatlands Road, Wheatlands Loop Road, McNicholl Road, Wattle Camp Road
Windera	Kratzmanns Road, Morgans Road
Wooroonden	Brand Road, Freemans Road, Reidys Road, Webbers Bridge Road

6.2 SOUTH BURNETT TOWN ENTRY MONUMENTS FAREWELL SIGNAGE

File Number:	02-06-2021
Author:	Personal Assistant Infrastructure
Authoriser:	Chief Executive Officer

PRECIS

South Burnett Town Entry Monuments Farewell Signage

SUMMARY

Council has received varying forms of feedback from the community and Councillors regarding the preference for a farewell message and imagery on the back of the town entry monuments (12 in total). Officers have developed three (3) design options for further consideration by Council.

OFFICER'S RECOMMENDATION

That Council note the options available and provide guidance on a preferred farewell message for the back of the monuments and future budget considerations.

BACKGROUND

Council has committed to upgrading the entry signage to towns and villages, showcasing the South Burnett and the identity of communities. A total of 38 signs have been developed, installed, or preparing to be installed, within each town or village. The signs feature unique background images to depict a theme of relevant significance. Due to the location of the signage, external stakeholder DTMR, has also been consulted to ensure the location of the signage meets their requirements for installation in the state controlled road corridor.

Council has received various forms of feedback from the community and Councillors regarding the desire for a farewell sign on the back of the town entry monuments. Officers have developed three (3) design options for further consideration by Council. All options drafted, procured, printed and applied to the back of the monuments would be in the order of \$45,000.

The designs encompass the original design intention of establishing connections to the diversity of the region, recognising the links to historic indigenous titles, economic drivers, heritage or its natural beauty. The signage includes the symbol of the Wakka Wakka people, the carpet python, as recognition of the traditional owners of the region.

ATTACHMENTS

- 1. Town Entry Monuments Farewell Signage Options 🗓 🛣
- 2. Town Entry Signage Designs 🗓 🛣



OPTION A



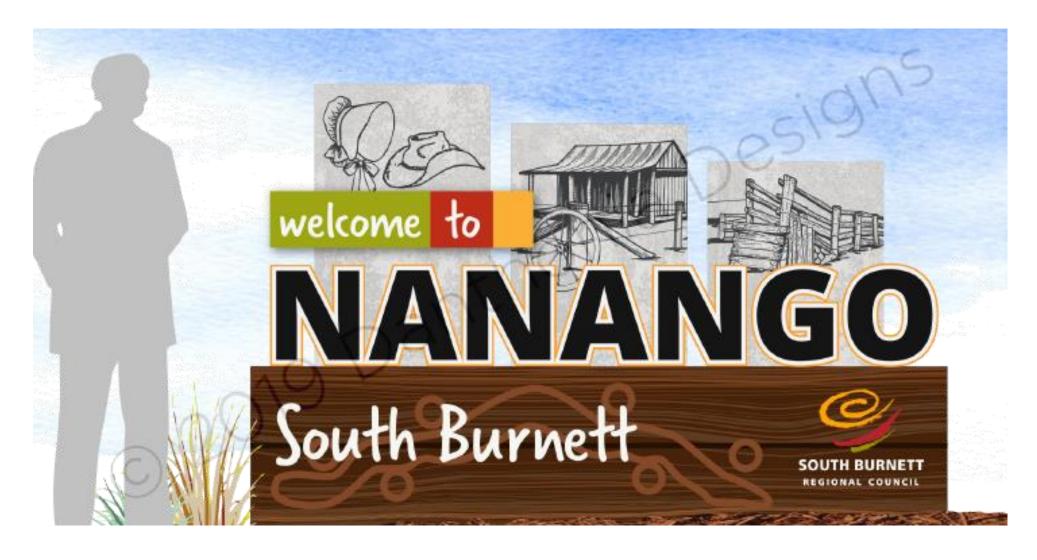
OPTION B



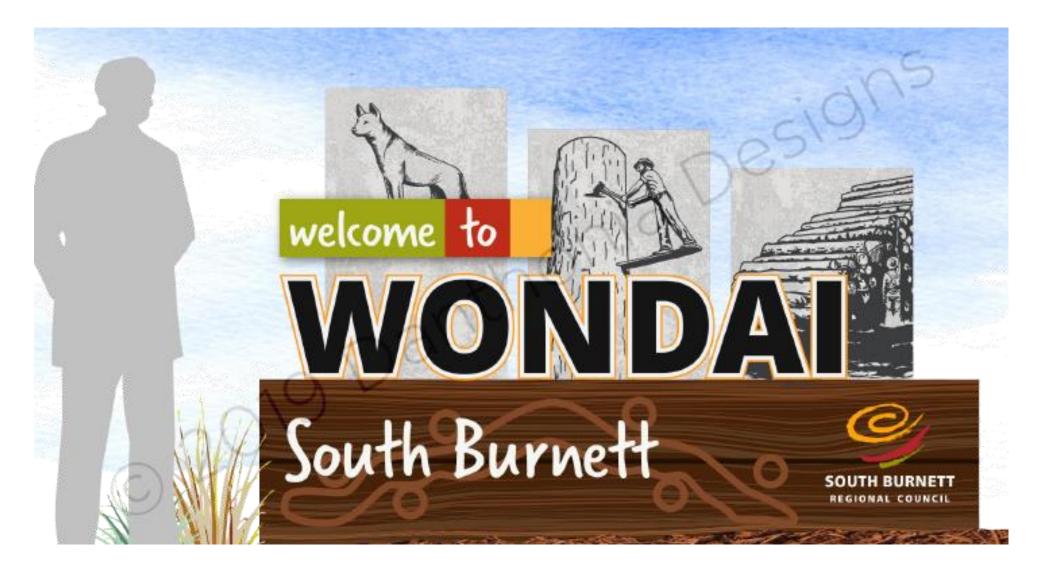
OPTION C











6.3 KINGAROY TRANSFORMATION PROJECT UPDATE

File Number:	02-06-2021
Author:	Personal Assistant Infrastructure
Authoriser:	Chief Executive Officer

PRECIS

Kingaroy Transformation Project Update

SUMMARY

At March's Infrastructure Standing Committee it was requested that monthly updates on the Kingaroy Transformation Project be presented to future Infrastructure Standing Committees.

OFFICER'S RECOMMENDATION

That Council note the attached Kingaroy Transformation Project Update report for information.

BACKGROUND

Refer to the attached Kingaroy Transformation Project Update report.

ATTACHMENTS

1. Kingaroy Transformation Project Update 🗓 🛣

KINGAROY TRANSFORMATION PROJECT UPDATE

Construction Progress and Budget Update

A significant milestone was achieved this month with the opening of the footpath along the northern side of Glendon Street between Youngman and Glendon Streets. This has proven a nice boost to businesses with two (2) of the business in Alford street both taking advantage of the new area with on street dining and tables and chairs being placed for customer use.

The project continues to make reasonable progress with works continuing in Alford Street and Glendon Street Roundabout area with delays in the construction program due to material supply and wet weather delays of about ten (10) days. The overall program slipped over the month of May with a number of public holidays and annual leave impacting progress and is currently around 1 - 2 weeks behind original program in addition to wet weather delays.

The program is being monitored closely with additional contract resources being engaged progressively with a number of new work teams commencing over the month, and additional teams being procured in the near future to assist bringing delivery on target. Contractors have been engaged in the following areas:

- Civil Construction team;
- Electrical and Services install team and;
- Concreting Team.

As per previous reporting, the progress of Alford Street has been largely driven by the testing of construction methodologies and weather mitigation. With the advancement of process and additional resources now being engaged, the program is currently being reviewed for opportunities to increase progress.

List of construction achievements for months of April / May:

- Alford Street
 - o Water Main commissioning and service cutovers in Alford Street
 - Northern side Kerb and Channel complete Youngman to Glendon Streets
 - o Alford Street Footpath (north) completed and opened
 - Alford Street Traffic Lane re-opened
 - Closure of Glendon Street northern leg to allow full demolition and installation works
 - Stormwater replacement complete Youngman to Glendon Streets
 - Both Raised Planter completed in Alford Street by internal crews
 - o Demolition works and road reinstatement at Glendon Street Roundabout north
 - o Footpath Demolition completed and temporary path installed along Alford Street
 - Telstra Pit Replacement and Upgrade continuing in Alford and Glendon Streets
 - Street lighting removal near roundabout
 - Geotechnical testing for Structural Footings completed.
 - Temporary carpark in Haly Street constructed

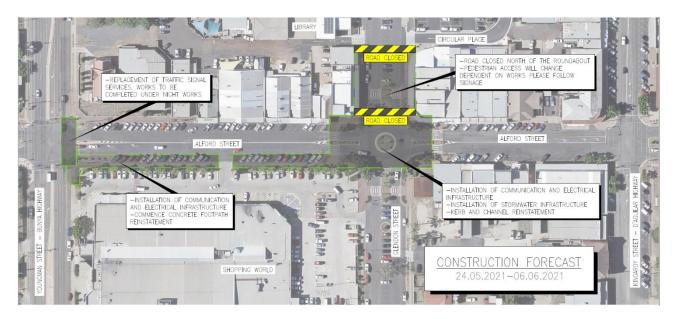


Image of footpath north side of Alford Street partially complete with local residents enjoying a Saturday coffee in the new on street dining area at Hunter Gatherer Trader



Image of garden bed at Asian Gourmet with freshly laid concrete maintenance strip.

Map of Works Undertaken



Alford Street (Youngman - Glendon) Construction Progress

Estimated Construction Progress										
% complete	10	20	30	40	50	60	70	80	90	100
Site Establishment & Prelims'										
Provision for Traffic										
Demolition										
Environmental										
Project Support										
Stormwater Drainage										
Kerb and Channel										
Footpaths and Concrete works										
Earthworks										
Water & RW Water Main										
Pavements										
Surfacing & Line Marking										
Street Furniture										
Landscaping (Hard and Soft)										
Signage										
Traffic Signals / CCTV										
Electrical / Comms										
Telstra Pit replacement										
Street Lighting Relocation and Removal										
Feature Lighting										
Street Lighting										
Irrigation & Planting										

The above table represents the estimated physical progress of each construction item for Alford Street (Youngman to Glendon) section of works.

Expenditure and Budget Summary

Current stage by stage expenditure to 21 May 2021 actuals and includes current estimated final cost (EFC) and budget is shown in the table below:

Item	1 Haly St – 2/3 Haly St – Youngman Glendon –		4 Glendon inc Shared	5 Kingaroy St – Haly to	6 Alford St – Youngman	7/8 Alford St – Glendon	Totals	
	– Glendon	Kingaroy	Zone	Alford	to Glendon	to Short		
			Expe	nditure				
Actual Exp	\$ 246,647	\$ 243,386	\$ 158,293	\$ 172,270	\$ 972,659	\$ 620,654	\$ 2,413,911	
EFC	\$ 2,077,011	\$ 3,599,494	\$ 1,145,752	\$ 1,951,591	\$ 1,934,530	\$ 3,814,580	\$ 14,538,948	
EFC %	100%	100%	100%	100%	99%	100%		
			Bu	dget				
Estimate inc								
O/H	\$ 2,077,011	\$ 3,599,494	\$ 1,145,752	\$ 1,951,591	\$ 1,952,871	\$ 3,814,580	\$ 14,541,299	
Conting'y				\$ 25,000 ##			\$ 762,885	
						Total #	\$ 15,339,184	

* the above budget now includes DTMR corridor and allocation of \$1.5M. The total Council budget remains \$13.9M. The current Council EFC remains at around \$13.1 as no contingency has currently been accessed. When variations occur, the EFC may increase with an associated contingency reduction.

* A nominal allocation of \$25,000 has been made for the additional Traffic Signal works required at Alford Youngman Street Intersection undertaken MI electric on a time and cost basis further works are required.

The current progress and costs for Alford Street continue to indicate that the project to date is generally on track for costs and slightly behind on program as discussed above. It should be noted that it is still early in some aspects of the project delivery phase and accurate trends across some items are still developing, however the current as at 17 May 2021, projected estimated final cost (EFC) for Alford Street (Youngman – Glendon) is tracking at 99% of estimate. Forecasts will continue to be assessed as the project continues and cost data is received.

As reported last month we have seen some items tracking over unit rates and some under and on balance the Alford Street works are tracking on target including the absorbing of numerous variations costs and reinstatement works. As indicated above some contingency will be accessed for the changes to traffic signals as a result of the project extent.

For the period to 17 May 2021, the total actual expenditure on all 2020/21 KTP projects related to both the works and water services was \$2,413,911 against the available 3rd Quarter amended budget of \$3,145,000 and overall Council approved budget \$13.9M. 4th quarter budget amendments are being reviewed with respective Manager and the Finance section to ensure budgets and expenditure are aligned.

Project Risks and Variations

As reported last month material supply continues to be a challenge with lead times changing regularly as is being experienced across many industries. To date this has not created significant problems and is being managed by purchasing ahead of schedule and planning works to align with available resources.

The current largest risk to progress is the availability and lead times on PVC water pipe which has extended out to 8-10 weeks. Officers are reviewing materials and sourcing appropriate replacement or alternative materials if possible and assessing all options to reduce this timeframe.

The project management team have been working with local suppliers and contractors to assess capacity to increase resources and due to the current projects in the region additional capacity is limited.

Additional works have been required to ensure adequate drainage from buildings stormwater system. These costs have been absorbed into the project budget at this stage noting that stormwater is one item that has exceeded original estimate for the Alford (Youngman – Glendon) stage.

KAA Apparel and Butcher supplies were impacted by water ingress into the premises during the storms on the week of 10 May 2021, following works adjacent on the carpark. The site is the subject to some pre-existing issues, however the Council teams were on site within 15 minutes of the issue being raised on the 12 May 2021 during the storm. Council teams arranged cleaning and drying to be undertaken on the following day and days following.

Some impact to business has been incurred due to road and footpath closures and the project team has had discussions with business owners in relation to traffic flow impacts due to road closures which have been reviewed and appropriate community engagement implemented to promote the businesses.

Potential telecommunications disruption due to a cut cable is being reviewed to assess cause and impact. Immediate action to reinstate services was implemented by the delivery team once known. The very shallow depth of Telstra and NBN lines continues to be a risk to the project delivery with many lines being 100- 150mm below surface level but at varying levels – leading to potential impacts during demolition.

Forward Program

Works are planned to continue in Alford Street (Youngman – Glendon Street) for the immediate future with the concentration being on Alford Street west of Glendon Street and Glendon Street Roundabout. Water main replacement works and stormwater installation are also being brought forward in Haly Street as early works to allow other elements to proceed once resources and materials are sourced.

Additional contract resources (civil contracting, concreting and stormwater installers) are being investigated to be brought onto the project to speed up delivery and allow more systematic delivery allowing crews to maintain continuity in delivery. These resources will allow multiple fronts to be delivered concurrently and reduce the overall length of impacts and closures.

The three (3) week lookahead in attachment B provides an indication of planned activities and which is actively monitored to manage any emergent changes that arise.

Key planned construction activities:

- Alford Street concrete footpath southside commencement in week of 24 May 2021;
- Preparation and pouring of Hob walls around garden areas continuing;
- Communications, Electrical and Street Lighting along Alford Street South to be completed in week of 24 May 2021;
- Progressive Glendon Street roundabout closure, stormwater and communications works;
- Haly Street Water main and stormwater replacement- date to confirmed depending on materials; and

• Traffic Signal rectification works – week of 31 May 2021 under night works.

Key Milestone Activity Dates:

- Glendon Street Roundabout completed by August 2021;
- Kingaroy Street commencement currently planned for late July 2021; and
- Haly Street commencement currently planned for June 2021 (Water and Stormwater).

Forward programs are subject to amendments to adjust to funding and construction constraints with ability to fast track some works if required and by engaging additional resources.

Consultation and Communications Update

Consultations:

- On site media opportunity for first pour attended by all media outlets and most Councillors;
- Project Ambassador business visits in Alford Street with Community Liaison Officer;
- DTMR delivery meeting on-line and in Bundaberg;
- Project consultation with new business owner of Tomos Diner and Hunter Gatherer Trader;
- Consultation with Asian Gourmet re impacts and footpath opening;
- Haly Street businesses consulted regarding temporary carpark;
- Façade workshop with KCCI and internal staff; and
- KTP Footpath licencing and use discussion (internal stakeholders).

Martoo Review

- Mark Smith Menswear completed for review;
- Cr Jones works update completed for review;
- Alford Street businesses still open for business; and
- Commercial Hotel programmed for week of 24 May 2021.

Walk-ins

- Business Richard Mason and Kylie Brogen regarding loading zones and future plans; and
- Resident Concerned about closing Glendon Street as a mall, seeking clarity on speculation.

Planned Consultation Activities

- Visits to adjoining town Chambers and Business Development Groups pending formal confirmation and availability ongoing;
- Weekly walkarounds with Project Ambassador and Project Team; and
- Glendon Street Shared Community Zone consultation due to occur in July 2021.

Common Themes

- Time taken to complete Alford Street;
- Impact on trade actual or perceived; and
- Construction sequence and timelines is now becoming a common enquiry from within and outside the footprint.

Key Achievements and Fact Summary

- Alford Street North footpath complete and open with two (2) raised planter being constructed;
- Alford Street reopened to traffic Friday 21 May 2021;
- Haly Street temporary carpark complete and being utilised;
- To date 56 requests for quotation or tender have been issued via various platforms and in all circumstances local suppliers have been provided the opportunity to supply where a supplier exists. 39 contracts have been awarded and of these,19 have been awarded to local suppliers, the value of these orders exceeds \$800,000; and
- The first feature light housing installations commenced in Alford Street.

Attachment A Procurement Summary

Reference #	Requirement	Responsible Officer	Procurement Meth+J2+D2:J3+D2:J32	Contract Reference	# of Suppliers invited	Open Date	Close Date	Successful Supplier	Local YES/NO
KTP - 1	Variable Message Sign Hire & Purchase	Louise Reidy	Felix # 64188 & Direct Email	SBRC 17/18-18 Dry Hire	8+6	14/01/2021	22/01/2021	SB Hire & Sales	YES
KTP - 2	1000 Tonne 3.2 Roadbase	Karrie Ashby / Graham Maynard	Felix # 64251	SBRC 17/18-23 Quarry Materials	7	19/01/2021	29/01/2021	Kingaroy Quarries	YES
KTP - 3	500 Tonne Bedding Sand	Karrie Ashby / Graham Maynard	Felix # 64252	SBRC 17/18-23 Quarry Materials	7	19/01/2021	29/01/2021	Kingaroy Quarries	YES
KTP - 4	Excavator & Water Truck	Karrie Ashby	Felix # 64372	SBRC 17/18-19 Wet Hire	18	27/01/2021	29/01/2021	Conpak & Mangan Drilling	YES
KTP - 5	Flood / Street Light Hire	Louise Reidy	Felix # 64411	SBRC 17/18-18 Dry Hire	4	28/01/2021	3/02/2021	Handy Hire	
KTP - 6	Flood / Street Light Manufacture	Louise Reidy	Felix # 64412	SBRC 17/18-22 Electrical	14	28/01/2021	12/02/2021	Not Awarded	
KTP - 7	Electrical Inspections	Louise Reidy	Felix # 64413	SBRC 17/18-22 Electrical	14	28/01/2021	4/02/2021	Wards Electrical	YES
KTP - 8	Concrete Cutting	Louise Reidy	Felix # 64425	SBRC 17/18-15 Civil Works	15	29/01/2021	5/02/2021	Stewart Concrete Cutting	YES
KTP - 9	Printed Hoarding / Barrier Mesh	Louise Reidy	Email direct	Public Marketplace	4	25/01/2021	5/02/2021	Nichols Printing / The Printed Shadecloth Company	YES
KTP - 10	Plumbing Fittings for Alford St	Karrie Ashby / Graham Maynard	Email direct	Public Marketplace	4			Burnett Water Services	YES
KTP - 11	RC Pipes	Louise Reidy	Email direct	Public Marketplace	2			Tellam Civil	105
KTP - 12	Stormwater Pipes	Louise Reidy	Email direct	Public Marketplace	2			Iplex	
KTP - 12 KTP - 13	Stormwater Pipes Stormwater RC Chambers		Email direct		3			Precast Civil Industries (Tellam)	
		Rod Gossow		Public Marketplace	4				
KTP - 14	Pedestrian Safety Barriers	Louise Reidy	Email direct	Public Marketplace				SafetyQuip	
KTP - 15	Kerb Markers	Louise Reidy	Email direct	Public Marketplace	1			HTD Markers	
KTP - 16	Underground Service Locating for Stage 6,7,8	Louise Reidy	Felix # 64714	SBRC 17/18-15 Civil Works	13	12/02/2021	22/02/2021	Electroscan	
KTP - 17	Kerb Adaptors & RHS	Louise Reidy	Email direct	Public Marketplace	5 & 2			Samios & Kewpie Steel	YES
KTP - 18	Root Barrier	Louise Reidy	Email direct	Public Marketplace	4			Global Synthetics	
KTP - 19	Disposal of Recyclable Waste - Concrete Footpath and Pavers	James Le	Public Marketplace LG Tender	SBRCQ 20/21-124	Public	4/03/2021	1/04/2021		
KTP - 20	Supply of Various Electrical Components	Louise Reidy/Aaron Kerr	Vendor Panel	SBRCQ 20/21-125	7	23/02/2021	2/03/2021	Haymans Electrical	YES
KTP - 21	Civil Dayworks Package	Louise Reidy	Felix	SBRC 17/18-15 Civil Works	26	25/02/2021	11/03/2021	Conpak	YES
KTP - 22	Construction of Planter Boxes	Louise Reidy	Felix #65026	SBRC 17/18-21 Trade Services	36	26/02/2021	12/03/2021	Not Awarded	
KTP - 23	Supply of Concrete Form liners	Louise Reidy / Juan Granados	Email direct	SBRCQ-20/21-136	4			Reckli	
KTP - 24	Water Truck/Body & Float Civil Package	Louise Reidy	Felix	SBRC 17/18-19 Wet Hire	30	4/03/2021	19/03/2021	Mangan Drilling	YES
KTP - 25	Water Fittings CP009209	Karrie Ashby / Graham Maynard	Email direct	Public Marketplace	4			Burnett Water Services	YES
	Civil Works Package for the installation of various conduits,								
KTP - 26	conduit fittings, and cable jointing pits	Louise Reidy/Aaron Kerr	Felix #65715	SBRC 17/18-15 Civil Works	27	30/03/2021	13/04/2021	Conpak	YES
KTP - 27	Install of Electrical stage 6,7,8 (SL CCTV IR)	Louise Reidy/Aaron Kerr	Felix #	SBRC 17/18-22 Electrical	2/	50,05,2022	15,04,2021	compar	
KTP - 28	Hire or purchase of water barriers	Louise Reidy Aaron Ken	Felix #65426 & Email direct Quotes	SBRC 17/18-18 Dry Hire / PO T&C's	8 Felix & 3 email	16/03/2021	26/03/2021		
KTP - 20	Hile of purchase of water barriers	Louise keidy	Penx #05420 & Email direct Quotes	SBRC 17/18-18 Dry Hile / PO Tac S	o reix o o email	16/05/2021	20/05/2021		
KTP - 29	Alford St Pathways	Louise Reidy / Kate Whyatt	Felix #65490	SBRC 17/18-15 CIVILWORKS SBRC 17/18-21 Trade Services	21	18/03/2021	8/04/2021	No Responses	
1111 262				Sono any ao ala mode sermeta	7	20/03/2022	0/04/2022		
КТР-30	1000T 3.2 2% stabilised	Karrie Ashby / Ian Johnson	Felix	SBRC 17/18-23 Quarry Materials		15/03/2021	22/03/2021	Kingaroy Quarry Supplies	YES
KTP - 31	Stormwater RC Chambers KEU's Pits	Rod Gossow / Kate Whyatt	Email direct	Public Marketplace	3			Precast Civil Industries (Tellam)	
KTP - 32	500T Bedding Sand	Karrie Ashby / Ian Johnson	Felix	SBRC 17/18-23 Quarry Materials	7	25/03/2021	29/03/2021		
KTP -33	500T 3.2 Gravel	Karrie Ashby / Ian Johnson	Felix	SBRC 17/18-23 Quarry Materials	7	25/03/2021	29/03/2021		
KTP- 34	Electrical Conduit & Comms	Ian Johnson	Email direct	Public Marketplace	1			Haymans Electrical	YES
KTP- 35	Feature Light housing (Rixon "IG")	Aaron Kerr	Email direct	Public Marketplace	1	19/01/2021	19/01/2021	Luxson Illumination Pty Ltd	
KTP- 36	Ped Cross Floodlights	Aaron Kerr	Email direct	Public Marketplace	1	2/03/2021	2/03/2021	Aldridge Traffic Systems Pty Ltd	
KTP- 37	Road Lighting Lumineers	Aaron Kerr	Email direct	Public Marketplace	1	9/03/2021	9/03/2021	Schreder Australia	
	Supply of DTMR approved								
	Road and Traffic Signal Lighting Poles and Foundation								
KTP- 38	Cages/Bolts	Aaron Kerr	Email direct ITO (through info@SBRC)	SBRCQ-20/21-123	2	19/02/2021	26/02/2021	GM Poles Pty Ltd	
KTP- 39	Feature Light housing (Rixon "IG")	Aaron Kerr							
KTP- 40	Electrical Conduit Bends	Rod Gossow/ Aaron Kerr	Email direct	Public Marketplace	2			Haymans Electrical	YES
KTP- 41	Geotechnical Investigation	Cody Granger	Email direct	SBRCQ-2021-138	6	1/03/2021	23/03/2021		
KTP-42	Haly Street Water Main Replacement	Kenneth Obenza	Felix	KTP-42 Felix	22	8/04/2021	7/05/2021		<u> </u>
KTP-42	Concrete Supply & Pour	Luke Cadwallader / Louise Reidy	Email Direct	Public Marketplace	22	8/04/2021	12/04/2021	Hy-Tec Industries	YES
KTP-45	Key Joint or Expansion Joint	Bushy/Rod Gossow	Email Direct	Public Marketplace	4	8/04/2021	12/04/2021	Lyndons & ??	165
KTP - 45					5	8/04/2021			
	Blackmax Pipes (240m)	Luke Cadwallader / Louise Reidy	Email Direct	Public Marketplace				Iplex	
	Precast Bases for Ergon Cabinet (7, 8 &1)	Aaron Kerr	Email Direct	Public Marketplace	2	10/03/2021	16/03/2021	Bundaberg Concrete Casters	
KTP-47	Plants (contract 6)	Damien Shelley/Juan/Karrie	Website & direct	Public Marketplace	7	15/04/2021	6/05/2021		
KTP-48	Soil for Gardens	Damien Shelley/Juan/Karrie	Website	Public Marketplace		15/04/2021	6/05/2021		
KTP-49	Concreting Labour - Day Rates	Kate Whyatt / Louise Reidy	Felix	SBRC 17/18-21 Trade Services	27	21/04/2021	23/04/2021	P&J Armstrong	YES
KTP-50	Haly Street Water Main Materials List	Kenneth Obenza	Felix	KTP-50 Felix					
	Stormwater Pits	Kate Whyatt / Louise Reidy	Email Direct	Public Marketplace	6	28/04/2021			
KTP-52	Communication Pits	Louise Reidy	Email Direct	Public Marketplace	4				
KTP-53	400T Bedding Sand	Louise Reidy	Felix # 66896	SBRC 17/18-23 Quarry Materials	7	18/05/2021	21/05/2021		
KTP-54	200T Crusher Dust	Louise Reidy	Felix #66897	SBRC 17/18-23 Quarry Materials	9	18/05/2021	21/05/2021		
KTP-55	Additional Conduit Fittings	Louise Reidy	Email Direct	Public Marketplace	2	18/05/2021			
KTP-56	ř								
KTP-57	Feature Lights (Rixon "IG")	Louise Reidy/Aaron Kerr							
KTP-58	reative eights (haven he)	course neigy/Aaron kern							-
N17-20		1	I						

Attachment B

									s	BRC-	Arms Civil 1 actors		Concr	rete T	eam											v	Vater	Contractor
King	arov Tra	nsformation Project		M	ay 17,	2021					Ма	iy 24, i	2021					м	ay 31,	2021					Jur	17, 202	21	
0	,			17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	,	6	7	8	9	10 11
Contract	Purchase Order #	TASK	% Complete	м	т	w	T	F	s	s	м	т	w	т	F	s	s	м	T	w	т	F	s	s	м	т	w	T F
6	CP.009249	Demolish footpath Concrete and Pavers	100%																									
6	CP.009254	Elec- Pits pipes and cages	85%																									
6	CP.009220	Nortern Kerb- Intersection of Youngman St/Alford / Pram Ramp	95%		Ramp																							
6	CP.009220	Kerb and Channel	100%					_										_										
6	CP.009250	Concrete footpath	80%	North	n side i	nc		-		2	South	Side				-		Sout	h Side		10	00%						
6	CP.009273	Planter Boxes	80%					-		-	_			10	0%			-	-							_		
6	CP.008977	Telstra Pits	100%					-		_	_							_								_		
6	-	Traffic Signal pits	50%					_		_	_				_			Night	t work	s								
6		OPEN ROAD AND NORTHERN PARKING						_		_	_							_										
7 & 8	CP.009207	Alford Street mains and services (Glendon to Kingaroy)	85%																									
7	CP.009265	Concrete footpath	0%																						North	side		
7	CP.009249	Roundabout light pole removal	75%																									
7	CP.009264	Demolition	40%																									
7	CP.009218	Stormwater	1%															Com	plete I	North								
7	CP.009269	Elec- Pits pipes and cages	50%																						Condu	uit cros	sing	
7	CP.009266	Kerb base	5%																									
7	CP.009338	Kerb and Channel	0%																	Pour								
7	CP.009265	Shopping World Access	0%																									
7	CP.008978	Telstra Pits	100%																									
7	CP.009264	Roundabout light pole removal	75%																									
8	CP.009207	Alford Street mains and services (Glendon to Kingaroy)	90%																									
8		Telstra Pits	90%																									
8		Demolition	90%																									
123		Water maain and service replacement																										

6.4 WONDAI INDUSTRIAL ESTATE - DESIGN REPORT

File Number:02-06-2021Author:Personal Assistant Infrastructure

Authoriser: Chief Executive Officer

PRECIS

Wondai Industrial Estate – Design Report

SUMMARY

Council wishes to upgrade the heavy vehicle access to provide right of way, 26m B-Double access to Wondai Industrial Estate.

OFFICER'S RECOMMENDATION

That the committee recommends to Council:

- 1 That Council note the draft design and cost estimates provided in this report; and
- 2 Commit to funding this project through LRCI funding for \$900,000, and \$70,000 from the project savings in the Works 4th Quarter Review.

BACKGROUND

The first stage of Wondai Industrial Estate was sub-divided in 1984 by Wondai Shire Council to promote industry in the area. Pre-amalgamation documentation regarding land sales and infrastructure contribution is not available. Approximate years of construction (taken from aerial imagery and word of mouth) are shown in Attachment one (1).

Due to the estate being developed with 20-25m wide road reserves and the popularity of smaller vehicle configurations, the ability to support heavy vehicle movements was not designed for at the time. For reference, it wasn't until 1990 when all states allowed B-Double (23m configuration only) operations on some major highways.

Preliminary Design

Due to existing pavement widths throughout the estate, one-way operation of sections is required to ensure safety to all road users. Refer to Attachment two (2) for proposed directions of travel have been investigated as part of this design.

The attached layout provides two-way operations of Bunya Avenue up to the Burrows Street Intersection, and along Old Dip Road up to North Street. Please note, Bunya Avenue will be two-way operation for configurations smaller than B-Double or Class 10.

The intersection upgrades and one-way operation will ensure future compatibility with larger vehicle combinations if the Department of Transport and Main Roads upgrades the Bunya Highway to support Type One (1) road-train movements.

Project Budget

The proposed configuration requires widening at two (2) intersections to allow B-double turning manoeuvres. Pavement rehabilitation and re-surfacing is required along Bunya Avenue, Burrows Street (from Bunya Ave to Cranitch Street) and Old Dip Road up to North Street.

These works require a budget estimate of \$970,474 and will provide a gazetted estate for B-Double access and will not require any access permits. It is recommended that Council commit \$900,000 of LRCI funding and \$70,000 from the program savings in the 4th quarter review.

Community Consultation

Initial community consultation has been undertaken with business owners and truck operators to understanding the impacts of one-way travel within the estate. Further consultation with individual business will continue around property entrances to ensure a safe and positive outcome for all involved.

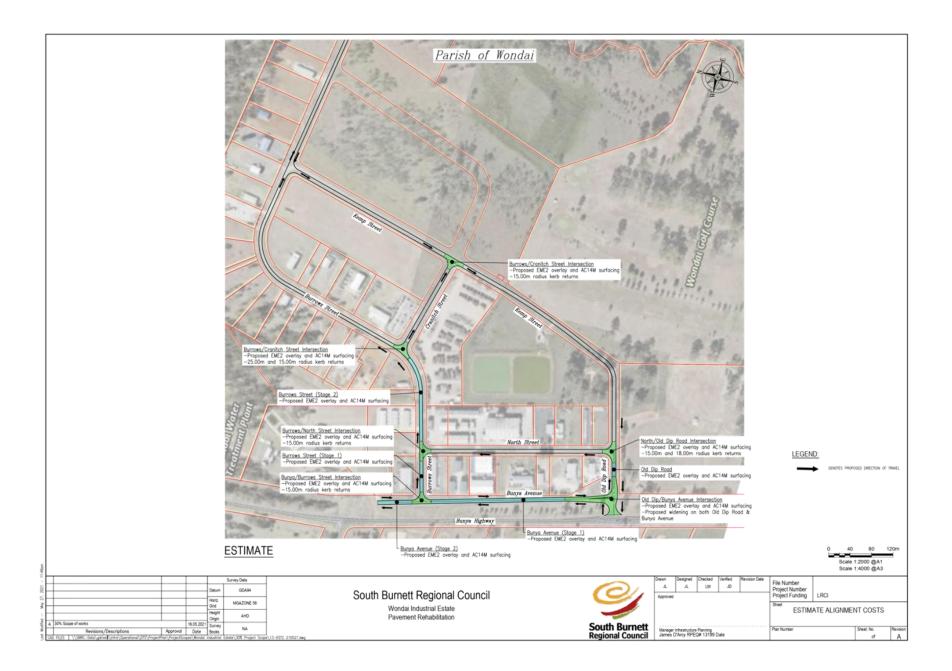
ATTACHMENTS

- 1. Wondai Industrial Estate Cost Estimate 🛓 🖀
- 2. Wondai Industrial Estate Project Plan 🗓 🛣

		Wondai Industrial Estate - Road Rehabilit	Rehabilitation							
REVIS		Pepared By: James Le and Justin Byrnes								
D			1							
		Date Issued: 27/05/2021	-	lecued	For Revie					
		Project Number: ######	-	w						
Activity		Activity	иом	Quantity	Quantity Unit Rate \$c					
Work Order	Code	Intersection 1 - Old Dip Road / Bunya Avenue		Quantity	Onic Rate Sc	Amoun				
		CONTRACTOR'S SITE FACILITIES AND CAMP								
	RC1101	Site Establishment - 20km's Plus	Lumpsum	1	\$7,200.00	\$7,200.				
		PROVISION FOR TRAFFIC	Lumpsum	1	\$35,000.00	\$35,000				
		Culvert Extension (5 x 2.44m units)	m	12.2	\$500.00	\$6,100.				
		PROTECTIVE TREATMENTS								
	RC2645	Reno Mattress (Supply and Install)	Each	2	\$250.00	\$500.0				
		EARTHWORKS & PREPARATION	Lumpsum	1	\$15,000.00	\$15,000				
			compson	-	\$15,000.00	\$15,000				
		ASHPHALT PAVEMENTS								
	RC4103	Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 1800m2) 7m width	m3 tonne	126.0 302.4	\$300.00	\$90,720				
	RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 1800m2) 7m width	m3	72.0	\$500100	\$50,720				
			tonne	172.8	\$275.00	\$47,520				
	RC6302	LINE MARKING Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$500.00	\$500.0				
	NC0302	Pavement marking various - the marking complete		Estimated		\$202,5				
		Intersection 2 - Bunya Avenue / Burrows Street								
	001101	CONTRACTOR'S SITE FACILITIES AND CAMP	1		64.000.00	64.000				
	RC1101	Site Establishment - 20km's Plus	Lumpsum	1	\$4,800.00	\$4,800				
		PROVISION FOR TRAFFIC								
	RC1201	Manual Traffic Control x 3	Lumpsum	1	\$25,000.00	\$25,000				
		EARTHWORKS & PREPARATION	lumpsum	1	\$8,000.00	\$8,000				
					+-,					
	0.01100	ASHPHALT PAVEMENTS		24.5						
	RC4103	Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2) 7m and 6m width	m3 tonne	31.5 75.6	\$300.00	\$22,680				
	RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2)	m3	18.0	000000	V22,000				
			tonne	43.2	\$275.00	\$11,880				
	RC6302	LINE MARKING Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$100.00	\$100.0				
			Tota	l Estimated	Amount:	\$72,46				
		Intersection 3 - Burrows Street / North Street	Tota	I Estimated	Amount:	\$72,46				
		Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP								
-	RC1101	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	Lumpsum	1 Estimated	Amount: \$4,800.00					
	RC1101	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC	Lumpsum	1	\$4,800.00	\$4,800				
	RC1101	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus				\$4,800				
_	RC1101	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC	Lumpsum	1	\$4,800.00	\$4,800				
	RC1101	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION	Lumpsum Lumpsum	1	\$4,800.00	\$4,800				
	RC1101 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS	Lumpsum Lumpsum	1	\$4,800.00	\$4,800				
	RC1101 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION	Lumpsum Lumpsum lumpsum	1	\$4,800.00	\$4,800				
	RC1101 RC1201 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS	Lumpsum Lumpsum lumpsum m3 tonne m3	1 1 30.1 72.2 17.2	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00	\$4,800 \$25,000 \$8,000 \$21,672				
	RC1101 RC1201 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2)	Lumpsum Lumpsum lumpsum m3 tonne	1 1 1 30.1 72.2	\$4,800.00 \$25,000.00 \$8,000.00	\$4,800 \$25,000 \$8,000 \$21,672				
	RC1101 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width	Lumpsum Lumpsum lumpsum m3 tonne m3	1 1 30.1 72.2 17.2	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352				
	RC1101 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne	1 1 30.1 72.2 17.2 41.3 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00	\$4,800. \$25,000 \$8,000. \$21,672 \$11,352 \$100.0				
	RC1101 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne	1 1 30.1 72.2 17.2 41.3	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00	\$72,46 \$4,800. \$25,000 \$8,000. \$21,672 \$11,352 \$1100.0 \$70,92				
	RC1101 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne	1 1 30.1 72.2 17.2 41.3 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0				
	RC1101 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne	1 1 30.1 72.2 17.2 41.3 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0 \$70,92				
	RC1101 RC1201 RC4103 RC4103 RC6302	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	Lumpsum Lumpsum lumpsum m3 tonne Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 Estimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount:	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0 \$70,92				
	RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Okl Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP	Lumpsum Lumpsum lumpsum m3 tonne Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 Estimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount:	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0 \$70,92 \$4,800				
	RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Oki Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage	Lumpsum Lumpsum m3 tonne m3 tonne Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 stimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$25,000.00	\$4,800 \$25,000 \$21,672 \$11,352 \$100,4 \$70,92 \$4,800 \$25,000				
	RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION EASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 Estimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00	\$4,800 \$25,000 \$21,672 \$11,352 \$100,4 \$70,92 \$4,800 \$25,000				
	RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Okl Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS	Lumpsum Lumpsum m3 tonne m3 tonne Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 Estimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$25,000.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0 \$70,92 \$4,800 \$25,000				
	RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum lumpsum	1 1 30.1 72.2 17.2 41.3 1 Estimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0 \$70,92 \$4,800 \$25,000 \$8,000				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2)	Lumpsum Lumpsum Ilumpsum Lumpsum Lumps	1 1 30.1 72.2 17.2 41.3 1 1 Estimated	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$25,000.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100.0 \$70,92 \$4,800 \$25,000 \$8,000				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) UNE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Okl Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 523m2)	Lumpsum Lumpsum lumpsum tonne m3 tonne Lumpsum Lumpsum Lumpsum lumpsum m3 tonne	1 1 30.1 72.2 17.2 41.3 1 1 Estimated 1 1 1 1 1 1 1 36.6 88	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00	\$4,800. \$25,000 \$8,000. \$21,672 \$11,352 \$100.0				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC6302 RC1201 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) ILINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING	Lumpsum Lumpsum Ilumpsum Tota Lumpsum Lumpsum Lumpsum Lumpsum Iumpsum Lumpsum Lumpsum Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$25,000.00 \$225,000.00 \$300.00 \$300.00	\$4,800. \$25,000 \$8,000. \$21,672 \$11,352 \$100.0 \$70,92 \$4,800. \$25,000 \$25,000 \$8,000. \$25,000 \$4,800. \$13,807				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC6302 RC1201 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) UNE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Okl Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 523m2)	Lumpsum Lumpsum lumpsum m3 tonne Lumpsum Lumpsum Lumpsum lumpsum lumpsum m3 tonne m3	1 1 30.1 72.2 17.2 41.3 1 1 Stimated 1 1 1 1 1 36.6 88 20.9	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$100.00 \$100.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00 \$300.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100,6 \$70,92 \$4,800 \$25,000 \$25,000 \$25,000 \$3,000 \$25,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$4,800 \$2,000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,00000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000 \$3,0000\$3,0000\$				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC6302 RC1201 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) ILINE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum lumpsum lumpsum Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00 \$300.00 \$300.00 \$25,000.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100,0 \$70,92 \$4,800 \$25,000 \$8,000 \$26,359 \$13,807 \$100,0				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC6302 RC1201 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum lumpsum lumpsum Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 Estimated 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00 \$300.00 \$300.00 \$25,000.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100,0 \$70,92 \$4,800 \$25,000 \$8,000 \$26,359 \$13,807 \$100,0				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC1201 RC1201 RC1201 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt on use - Line Marking Complete Intersection 4 - North Street / Old Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) IMPORTED ASPHALT PAVEMENTS Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) IMPORTED ASPHALT PAVEMENTS Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) IMPORTED ASPHALT PAVEMENTS Imported Asphalt to Do of Base - EME2 70mm (Area = approx. 523m2) IMPORTED ASPHALT PAVEMENTS IMPORTED ASPHALT PAVEMEN	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum lumpsum lumpsum Lumpsum Lumpsum Tota	1 1 30.1 72.2 17.2 41.3 1 Estimated 1 1 36.6 88 20.9 20.9 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$275.00 \$300.00 \$275.00 \$300.00 \$300.00	\$4,800. \$25,000 \$8,000. \$21,672 \$11,352 \$100.0 \$70,92 \$4,800. \$25,000 \$25,000 \$26,359 \$13,807 \$100.0 \$78,060				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC1201 RC1201 RC1201 RC1201 RC4103 RC4103	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) LINE MARKING Pavement Marking Various - Line Marking Complete CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) LINE MARKING Pavement Marking Various - Line Marking Complete	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum lumpsum lumpsum Lumpsum Lumpsum	1 1 30.1 72.2 17.2 41.3 1 Estimated 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00 \$300.00 \$300.00 \$25,000.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100,0 \$70,92 \$4,800 \$25,000 \$8,000 \$26,359 \$13,807 \$100,0				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC1201 RC1201 RC1201 RC1201 RC1201 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) INE MARKING Pavement Marking Various - Line Marking Complete Reference of the state of	Lumpsum Lumpsu	1 1 30.1 72.2 17.2 41.3 1 1 Estimated 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 \$100.00 Amount: \$4,800.00 \$225,000.00 \$225,000.00 \$275.00 \$100.00 \$275.00 \$100.00 \$275.00 \$100.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100,0 \$70,92 \$4,800 \$25,000 \$26,359 \$13,807 \$100,0 \$78,06 \$78,060 \$78,060				
	RC1101 RC1201 RC4103 RC4103 RC4103 RC1201 RC1201 RC1201 RC1201 RC1201 RC1201 RC1201 RC1201	Intersection 3 - Burrows Street / North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and Signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 430m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 430m2) UNE MARKING Pavement Marking Various - Line Marking Complete Intersection 4 - North Street / Okl Dip Road CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - AC14M 40mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) Imported Asphalt to Top of Base - Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) IMPORTED Asphalt to Top of Base - Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 523m2) IMPORTED Asphalt to Top of Base - Imported Asp	Lumpsum Lumpsum lumpsum m3 tonne m3 tonne Lumpsum Lumpsum lumpsum lumpsum Lumpsum Lumpsum Tota	1 1 30.1 72.2 17.2 41.3 1 Estimated 1 1 36.6 88 20.9 20.9 1 1 1 1 1 1 1 1 1 1 1 1 1	\$4,800.00 \$25,000.00 \$8,000.00 \$300.00 \$275.00 Amount: \$4,800.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$275.00 \$300.00 \$275.00 \$300.00 \$300.00	\$4,800 \$25,000 \$8,000 \$21,672 \$11,352 \$100,0 \$70,92 \$4,800 \$25,000 \$26,359 \$13,807 \$100,0 \$78,000				

0.041.02	ACUDUALT DAVIDATION		I		
RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2)	m3	31.5		
		tonne	75.6	\$300.00	\$22,680.
RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2)	m3	18.0		
		tonne	43.2	\$275.00	\$11,880.
RC6302	LINE MARKING Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$100.00	\$100.0
	ratement maning tarroas and maning complete	compound		\$100,000	
		Tota	Estimated	Amount:	\$67,460
1	Intersection 6 - Cranitch/kemp St	1	1		1
BC1101	CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	Lumpsum	1	\$4,800.00	\$4,800.0
	ane estemanment - pour a roa	compound	-	\$4,000100	04,0001
	PROVISION FOR TRAFFIC				
RC1201	Manual Traffic Control x 3 and Signage	Lumpsum	1	\$20,000.00	\$20,000
L	EARTHWORKS & PREPARATION	lumpsum	1	\$8,000.00	\$8,000.
		lumpsum	-	\$0,000.00	30,000.
	ASHPHALT PAVEMENTS				
RC4103	Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 490m2)	m3	34.3		
	Annual	tonne	82.3	\$300.00	\$24,696
RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 490m2)	m3 tonne	19.6 47.0	\$275.00	\$12,936
	LINE MARKING	tonne	47.0	\$273.00	\$12,950
RC6302	Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$100.00	\$100.0
		Tota	l Estimated	Amount:	\$70,53
1	Alignment MC03 (Bunya Avenue) PT1 - Old Dip Road to Burrows Street CONTRACTOR'S SITE FACILITIES AND CAMP	1	1		1
RC1101	Site Establishment - 20km's Plus	Lumpsum	1	\$7,200.00	\$7,200.
		zampsuill	<u>^</u>	\$1,200.00	\$7,200.
	PROVISION FOR TRAFFIC				
RC1201	Manual Traffic Control x 3 and signage	Lumpsum	1	\$30,000.00	\$30,000
					4
<u> </u>	EARTHWORKS & PREPARATION	Lumpsum	1	\$15,000.00	\$15,000
	ASHPHALT PAVEMENTS				
RC4103	Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 1750m2 (7m width)	m3	122.5		
		tonne	294.0	\$300.00	\$88,200
RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 1750m2 (7m width)	m3	70.0		
		tonne	168.0	\$275.00	\$46,200
BC6303	LINE MARKING Pavement Marking Various - Line Marking Complete	Lumprum		É500.00	\$500.0
RC6302	Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$500.00	\$500.
		Tota	l Estimated	Amount:	\$187,1
	Alignment MC03 (Bunya Avenue) PT2 - Old Dip Road to Burrows Street				
	CONTRACTOR'S SITE FACILITIES AND CAMP				
RC1101	Site Establishment - 20km's Plus	Lumpsum	1	\$1,500.00	\$1,500.
	PROVISION FOR TRAFFIC				
RC1201	Manual Traffic Control x 1 and signage	Lumpsum	1	\$1,500.00	\$1,500.
				\$2,000.00	\$2,000.
	EARTHWORKS & PREPARATION	Lumpsum	1	41/000100	
		Lumpsum	1		
BC4103	ASHPHALT PAVEMENTS				
RC4103		m3	31.5		\$22,680
RC4103 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width)			\$300.00	\$22,680
	ASHPHALT PAVEMENTS	m3 tonne	31.5 75.6		
RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING	m3 tonne m3 tonne	31.5 75.6 18.0 43.2	\$300.00	\$11,880
RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width)	m3 tonne m3	31.5 75.6 18.0	\$300.00	\$11,880
RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING	m3 tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1	\$300.00 \$275.00 \$100.00	\$11,880
RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING	m3 tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2	\$300.00 \$275.00 \$100.00	\$11,880
RC4103 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP	m3 tonne m3 tonne Lumpsum Tota	31.5 75.6 18.0 43.2 1	\$300.00 \$275.00 \$100.00 Amount:	\$11,880 \$100.0 \$39,66
RC4103 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street	m3 tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1	\$300.00 \$275.00 \$100.00	\$11,880 \$100.0 \$39,66
RC4103 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	m3 tonne m3 tonne Lumpsum Tota	31.5 75.6 18.0 43.2 1 I Estimated A	\$300.00 \$275.00 \$100.00 Amount:	\$11,880 \$100.0 \$39,66
RC4103 RC6302 RC1101	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MCO4 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC	m3 tonne m3 tonne Lumpsum Tota	31.5 75.6 18.0 43.2 1 Estimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00	\$11,880 \$100.0 \$39,66 \$1,500
RC4103 RC6302 RC1101	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	m3 tonne m3 tonne Lumpsum Tota	31.5 75.6 18.0 43.2 1 I Estimated A	\$300.00 \$275.00 \$100.00 Amount:	\$11,880 \$100.0 \$39,66 \$1,500.
RC4103 RC6302 RC1101	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MCO4 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC	m3 tonne m3 tonne Lumpsum Tota	31.5 75.6 18.0 43.2 1 Estimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00	\$11,880 \$100.0 \$39,66 \$1,500 \$6,000
RC4103 RC6302 RC1101	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION	m3 tonne m3 tonne Lumpsum Lumpsum	31.5 75.6 18.0 43.2 1 Estimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00	\$11,880 \$100.0 \$39,66 \$1,500 \$6,000
RC4103 RC6302 RC1101 RC1201	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MCO4 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum	31.5 75.6 18.0 43.2 1 I Estimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00	\$11,880 \$100,7 \$39,66 \$1,500 \$6,000
RC4103 RC6302 RC1101 RC1201	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum Lumpsum m3	31.5 75.6 18.0 43.2 1 stimated 1 1 1 1 1 24.5	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00	\$11,880 \$100, \$39,66 \$1,500 \$6,000 \$2,500
RC4103 RC6302 RC1101 RC1201	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MCO4 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum	31.5 75.6 18.0 43.2 1 I Estimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00	\$11,880 \$100.0 \$39,66 \$1,500 \$6,000 \$2,500
RC4103 RC6302 RC1101 RC1201 RC1201	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum m3 tonne	31.5 75.6 18.0 43.2 1 I Estimated a 1 1 1 1 2.4.5 58.8	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00	\$11,880 \$100.0 \$39,66 \$1,500 \$6,000 \$2,500 \$17,640
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Stabilishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING	m3 tonne tonne Lumpsum Lumpsum Lumpsum umpsum m3 tonne m3 tonne	31.5 75.6 18.0 43.2 1 1 I Estimated 1 1 1 24.5 58.8 14.0 33.6	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00	\$11,880 \$100,4 \$39,60 \$1,500 \$6,000 \$2,500 \$17,640 \$9,240
RC4103 RC6302 RC1101 RC1201 RC1201	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) UNE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2)	m3 tonne tonne Lumpsum Lumpsum Lumpsum umpsum tonne m3	31.5 75.6 18.0 43.2 1 1 Estimated 1 1 1 1 24.5 58.8 14.0	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00	\$11,880 \$100, \$39,60 \$1,500 \$6,000 \$2,500 \$17,640 \$9,240
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Stabilishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING	m3 tonne m3 tonne Lumpsum tumpsum Lumpsum Lumpsum tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1 1 stimated 1 1 1 1 1 1 1 1 24.5 58.8 14.0 33.6 1	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00 \$100.00	\$11,880 \$100,0 \$39,60 \$1,500 \$6,000 \$2,500 \$17,640 \$9,240 \$100,0
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Stabilishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING	m3 tonne m3 tonne Lumpsum tumpsum Lumpsum Lumpsum tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1 1 I Estimated 1 1 1 24.5 58.8 14.0 33.6	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00 \$100.00	\$11,880 \$100,0 \$39,60 \$1,500 \$6,000 \$2,500 \$17,640 \$9,240 \$100,0
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Stabilishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING Pavement Marking Various - Line Marking Complete	m3 tonne m3 tonne Lumpsum tumpsum Lumpsum Lumpsum tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1 1 stimated 1 1 1 1 1 1 1 1 24.5 58.8 14.0 33.6 1	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00 \$100.00	\$11,880 \$100.4 \$39,66 \$1,500 \$2,500 \$2,500 \$17,640 \$9,240 \$100.4
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street	m3 tonne m3 tonne Lumpsum tumpsum Lumpsum Lumpsum tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1 1 stimated 1 1 1 1 1 1 1 1 24.5 58.8 14.0 33.6 1	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00 \$100.00	\$11,886 \$100/ \$39,66 \$1,500 \$6,000 \$2,500 \$17,640 \$9,240 \$100/ \$100/
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum m3 tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1 stimated 1 1 1 1 1 24.5 58.8 14.0 33.6 1 1 1 54.5 58.8 14.0 1 33.6	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00 \$100.00 Amount:	\$11,880 \$100.0 \$39,66 \$1,500 \$6,000 \$2,500 \$17,640 \$17,640 \$17,640 \$100.0
RC4103 RC6302 RC1101 RC1201 RC1201 RC4103 RC4103 RC6302 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's PLAS PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Site Establishment - 20km's PLAS IMPORTATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Site Establishment - 20km's PLAS PROVISION FOR TRAFFIC	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum Lumpsum tonne m3 tonne m3 tonne Tota	31.5 75.6 18.0 43.2 1 1 stimated 1 1 1 1 24.5 58.8 14.0 33.6 1 1 1 1	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$275.00 \$100.00 Amount: \$5,000.00	\$11,880 \$100.0 \$39,66 \$1,500 \$2,500 \$17,640 \$17,640 \$39,240 \$100.0 \$36,98
RC4103 RC6302 RC1101 RC1201 RC4103 RC4103	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) LINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum m3 tonne m3 tonne Lumpsum	31.5 75.6 18.0 43.2 1 stimated 1 1 1 1 1 24.5 58.8 14.0 33.6 1 1 1 54.5 58.8 14.0 1 33.6	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$300.00 \$275.00 \$100.00 Amount:	\$11,886 \$100,4 \$39,66 \$1,500 \$2,500 \$2,500 \$17,640 \$36,9800\$3600\$3600\$3600\$3600\$3600\$3600\$3600\$3
RC4103 RC6302 RC1101 RC1201 RC4103 RC4103 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) ILINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage	m3 tonne m3 tonne Lumpsum tonpsum Lumpsum umpsum m3 tonne Lumpsum tonne Lumpsum	31.5 75.6 18.0 43.2 1 stimated 1 stimated 1 24.5 58.8 14.0 33.6 1 stimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$2,500.00 \$2,500.00 \$275.00 \$100.00 \$215.00 \$255,000.00 \$20,000.00	\$11,880 \$100.0 \$39,66 \$1,500 \$2,500 \$17,640 \$17,640 \$17,640 \$100.0 \$100.0 \$20,000
RC4103 RC6302 RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's PLAS PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Site Establishment - 20km's PLAS IMPORTATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Site Establishment - 20km's PLAS PROVISION FOR TRAFFIC	m3 tonne m3 tonne Lumpsum Lumpsum Lumpsum Lumpsum tonne m3 tonne m3 tonne Tota	31.5 75.6 18.0 43.2 1 1 stimated 1 1 1 1 24.5 58.8 14.0 33.6 1 1 1 1	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$6,000.00 \$2,500.00 \$275.00 \$100.00 Amount: \$5,000.00	\$11,880 \$100.0 \$39,66 \$1,500 \$2,500 \$17,640 \$17,640 \$17,640 \$100.0 \$100.0 \$20,000
RC4103 RC6302 RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) ILINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage PROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage	m3 tonne m3 tonne Lumpsum tonpsum Lumpsum umpsum m3 tonne Lumpsum tonne Lumpsum	31.5 75.6 18.0 43.2 1 stimated 1 stimated 1 24.5 58.8 14.0 33.6 1 stimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$2,500.00 \$2,500.00 \$275.00 \$100.00 \$215.00 \$255,000.00 \$20,000.00	\$22,680 \$11,880 \$100.0 \$39,66 \$1,500. \$2,500 \$17,640 \$9,240. \$17,640 \$9,240. \$100.0 \$36,980 \$5,000. \$20,000 \$10,000
RC4103 RC6302 RC1101 RC1201 RC4103 RC4103 RC6302 RC6302	ASHPHALT PAVEMENTS Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 450m2 (7m width) Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 450m2 (7m width) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT1 - Bunya Avenue to North Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus FROVISION FOR TRAFFIC Manual Traffic Control x 3 and signage EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) 6m width Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) IINE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION ASHPHALT PAVEMENTS Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 350m2) INE MARKING Pavement Marking Various - Line Marking Complete Alignment MC04 (Burrows Street) PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION EARTHWORKS & PREPARATION EARTHWORKS & PREPARATION EARTHWORKS STREEL PT2 - North Street to Cranitch Street CONTRACTOR'S SITE FACILITIES AND CAMP Site Establishment - 20km's Plus EARTHWORKS & PREPARATION EARTHWORKS & PREPARATION EARTHWORKS & PREPARATION	m3 tonne m3 tonne Lumpsum tonpsum Lumpsum umpsum m3 tonne Lumpsum tonne Lumpsum	31.5 75.6 18.0 43.2 1 stimated 1 stimated 1 24.5 58.8 14.0 33.6 1 stimated	\$300.00 \$275.00 \$100.00 Amount: \$1,500.00 \$2,500.00 \$2,500.00 \$275.00 \$100.00 \$215.00 \$255,000.00 \$20,000.00	\$11,888 \$100. \$39,64 \$1,500 \$2,500 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$17,640 \$10,000 \$17,640 \$10,0000\$1000\$1

_					
RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 960m2)	m3	38.4		
		tonne	92.2	\$275.00	\$25,344.00
	LINE MARKING				
RC6302	Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$100.00	\$100.00
		Tota	l Estimated	Amount:	\$108,828
	Old Dip Road Alignment				
	CONTRACTOR'S SITE FACILITIES AND CAMP				
RC1101	Site Establishment - 20km's Plus	Lumpsum	1	\$1,000.00	\$1,000.00
	PROVISION FOR TRAFFIC				
RC1201	Manual Traffic Control x 3 and signage	Lumpsum	1	\$2,000.00	\$2,000.00
	EARTHWORKS & PREPARATION	Lumpsum	1	\$1,000.00	\$1,000.00
	ASHPHALT PAVEMENTS				
RC4103	Imported Asphalt to Top of Base - EME2 70mm (Area = approx. 180m2) 6m width	m3	12.6		
		tonne	30.2	\$300.00	\$9,072.00
RC4103	Imported Asphalt to Design Surface - AC14M 40mm (Area = approx. 180m2)	m3	7.2		
		tonne	17.3	\$275.00	\$4,752.00
	LINE MARKING				
RC6302	Pavement Marking Various - Line Marking Complete	Lumpsum	1	\$100.00	\$100.00
		Tota	l Estimated	Amount:	\$17,924
	COUNCIL OBLIGATIONS				
RC9100	Engineering Survey	Lump sum	1	\$6,000.00	\$5,000.00
RC9101	Engineering Design	Lump sum	1	\$6,000.00	\$5,000.00
RC9102	Project Support	Lump sum	1	\$2,000.00	\$2,000.00
RC9104	Project Management	Hours	40	\$150.00	\$6,000.00
		Tota	l Estimated	Amount:	\$970,474
	Approved:				



6.5 SAWPIT CREEK PEDESTRIAN BRIDGE – UNSUCCESSFUL ATSI TIDS APPLICATION

File Number:	02-06-2021
Author:	Personal Assistant Infrastructure
Authoriser:	Chief Executive Officer

PRECIS

Sawpit Creek Pedestrian Bridge – Unsuccessful ATSI TIDS Application

SUMMARY

The construction of a new pedestrian bridge across Sawpit Creek on Cherbourg Road was unsuccessful for funding under the Aboriginal and Torres Strait Islander Transport Infrastructure Development Scheme for 2021/22.

OFFICER'S RECOMMENDATION

That Council note for information that Sawpit Creek Pedestrian Bridge along Cherbourg Road was unsuccessful for funding under the Aboriginal and Torres Strait Islander Transport Infrastructure Development Scheme for 2021/22.

BACKGROUND

South Burnett Regional Council, in joint application with Cherbourg Aboriginal Council, submitted a funding application through the Aboriginal and Torres Strait Islander Transport Infrastructure Development Scheme (ATSI TIDS).

The funding amount applied for was \$633,300, which was the full project cost due to the project providing primary access to the Cherbourg community across Sawpit Creek on Cherbourg Road.

This project was to also complement the adjacent footpath project that is being funded by the Federal Government interconnecting the Cherbourg and Murgon communities, excluding the Sawpit Creek crossing.

The application submitted is provided in the attachments to this document and include:

- ATSI TIDS Nomination Form;
- Supporting Documentation;
- Letter of Support South Burnett Regional Council; and
- Letter of Support Cherbourg Aboriginal Council.

ATTACHMENTS

- 1. ATSI TIDS Nomination Form
- 2. Supporting Documentation <u>U</u>
- 3. Letter of Support South Burnett Regional Council 👲 🖾
- 4. Letter of Support Cherbourg Regional Council 🗓 🛣
- 5. TMR ATSI TIDS Unsuccessful Letter to South Burnett Regional Council 🗓 🛣

ATSI TIDS Nomination Form For 2021/22 ATSI TIDS projects

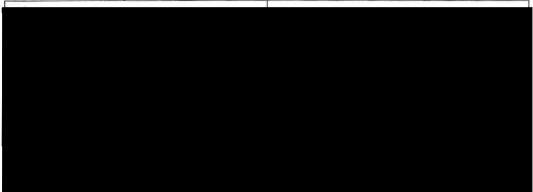


The purpose of this document is to provide local councils with guidance on nominating projects for ATSI TIDS funding. Only one nomination form is to be used per projects. Multiple submissions from councils must be prioritised (highest priority to lowest priority) in order to be considered. Due to the high number of nominations received each year, the submission of nominations does not guarantee funding. It is important that applicants do not act in expectation of receipt of funding, until a final decision is made by TMR and applicants have been notified of the outcome of their nomination. Please type directly into the boxes below. Nominations must be received by COB Monday 15 February 2021.

Local Government Area:	South Burnett Regional Council / Cherbourg Aboriginal Shire Council
Project Location:	Sawpit Creek Footbridge, Cherbourg Rd
Estimated Project Cost:	\$633,600
Project Description:	Sawpit Creek Pedestrian Bridge – Cherbourg Road
Is Supporting Documentation included? (refer next page for examples)	⊠ - Yes □ - No
Does this project improve primary access to the LGA?	 ☑ - Yes ☑ - No* *Note: non-primary access projects are a lower priority and these projects require a LGA contribution of 50% of total project costs.
Need for project: (Outline the need for project / criticality of the works)	The proposal involves moving pedestrians from the road to a dedicated prefabricated footpath and cycleway facility to cross Sawpit Creek on Cherbourg Rd.
Value for Money: (Outline how the project represents value for money, other funding sources, \$/km etc)	This project provides a safe off-road method of travel across Sawpit Creek Bridge on Cherbourg Rd for pedestrian and cyclists. The proposal is to install a pre-fabricated footbridge utilising latest technologies and accredited contractors to install this under contract for SBRC. The Murgon to Cherbourg cultural footpath is a concurrent federally funded project, that interconnects the two communities and this application will fund the last remaining link.
LGA Priority Ranking:	Priority 1 🛛 Priority 2 🗋 Priority 3 🗆 Priority 4 🗆 Only Priority 🗆

Scope of Work Approval

Local Government - Project Manager



Department of Transport and Main Roads

U

Page 1 of 2

Refer following page for Guidelines of the ATSI TIDS nomination process.

Guidelines for ATSI TIDs nomination process

Background

Aboriginal and Torres Strait Islander (ATSI) Transport Infrastructure Development Scheme (TIDS) funding is a component of the state-wide TIDS funding program aimed at supporting the local transport infrastructure needs of Aboriginal and Torres Strait Islander communities throughout Queensland.

ATSI TIDS is provided to local governments by the Department of Transport and Main Roads (TMR) for the upgrade of transport infrastructure that improves access (road, air and sea) to Aboriginal and Torres Strait Islander communities throughout Queensland.

An annual state-wide funding allocation of \$8.2 million is provided to administer ATSI TIDS.

Funding for successful ATSI TIDS projects that provide the primary access to communities will not generally have to be matched and must be expended in the financial year the funds are allocated to.

Improvements to nort-primary access infrastructure will generally require matched funding from local or federal government. Funding obtained through other state government agencies or programs cannot be matched.

Supporting documentation

While the submission of documentation to support ATSI TIDS nominations is not mandatory, the inclusion of relevant information may provide a better understanding of the criticality of the project; the need for the project; and your council's capacity to deliver the required works. It may also help TMR accurately assess your nomination.

To assist your nomination, please consider what supporting documentation can be included in your nomination.

Examples may include (but are not limited to):

- A locality plan with GPS coordinates of the project site, including gazettal chainages for road work sites.
- The deficiencies and issues with the current infrastructure.
- A clear scope of works for the proposed project.
- Photographs of the current infrastructure, which shows the deficiencies and issues proposed to be rectified (dated and GPS stamped if possible).
- Concept plans and/or design plans (as available).
- Itemised cost estimates.
- Reference documents supporting the project such as, Cape York Access Strategy, Torres Strait Access Strategy or Aerodrome Safety Inspections or other planning reports or studies that relate to the nominated project.
- · Letters of support from community members, community representatives or other.

All supporting documentation should be attached to your nomination in PDF or JPG format.

Reporting

As part of ATSI TIDS and TMR's ongoing monitoring and governance processes, regular and routine reporting on approved projects will be required. This includes, but is not limited to, financial spend, financial forecast spend, project status, photos of projects at agreed milestones and project employment and workforce statistics.

Submissions and closing date

All nominations must be emailed to	by COB, Monday 15 February 2021.					
Further information						
For further information, or clarity on th	e nomination process, please email	at				
	2					
Department of Transport and Main Roads	.a.	Page 2 of 2				

Item 6.5 - Attachment 1

Supporting Documentation – ATSI TIDS

Sawpit Creek Pedestrian Bridge – Cherbourg Road

Deficiencies and issues with current infrastructure;

The current infrastructure has deteriorated to an uneven condition which provides an unsafe pedestrian path along the major access road for Cherbourg Aboriginal Community.

The existing 1 meter wide concrete pathway is directly adjacent the road and only separated by a low gutter which could be easily mounted by a moving vehicle.

Both approaches to the bridge include a one meter concrete path (with no safety railings) which has an uneven surface due to asphalt being used for patching work.

Scope of works;

The scope of works for this project includes the design, certification and installation of a Wagners Composite Fibre pre-fabricated 34 meter long by 2 meters wide single span truss footbridge. This project will also include upgrade works to be undertaken on both approaches to the bridge to allow safe pedestrian access to the structure.

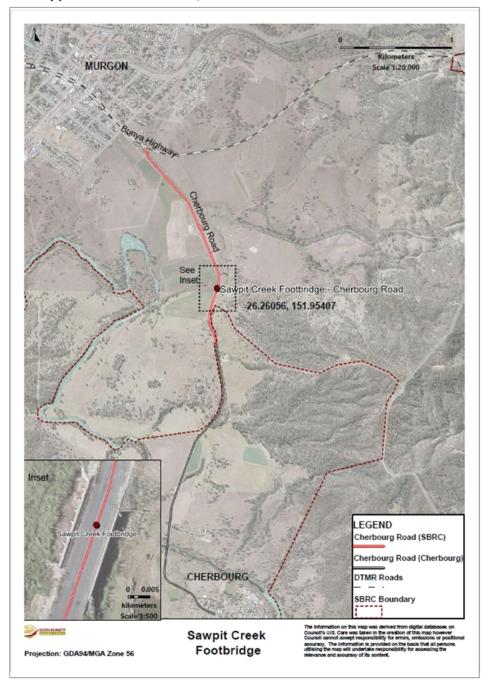
Conduit will be attached to the bridge to support the future upgrades of fibre optic technologies or similar cabling to the community.

Itemised cost estimates;

ltem	Description	Value				
1	Design, Certify & Supply - 34m x 2m Prefabricated Truss Bridge	\$	334,100			
2	Install – 34m x 2m Prefabricated Truss Bridge	\$	89,500			
3	Geotechnical Analysis	\$	20,000			
4	North & South Approach to bridge	\$	80,000			
5	Project Management & Superintendent Costs	\$	60,000			
6	Traffic Management, Mobilisation & Site Establishment	\$	50,000			
	Total (excl. GST)	\$	633,600			



Locality plan with GPS coordinates;



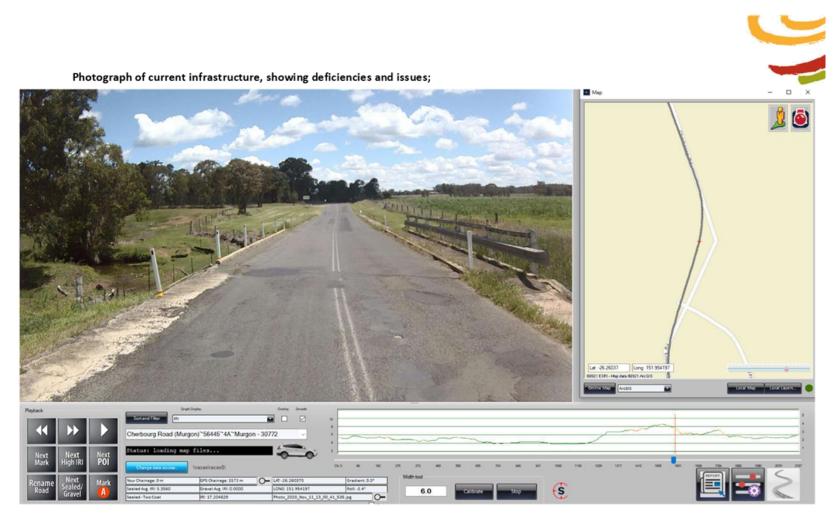


Figure 1- Image taken 11/11/2020 at -26.260370, 151.954197



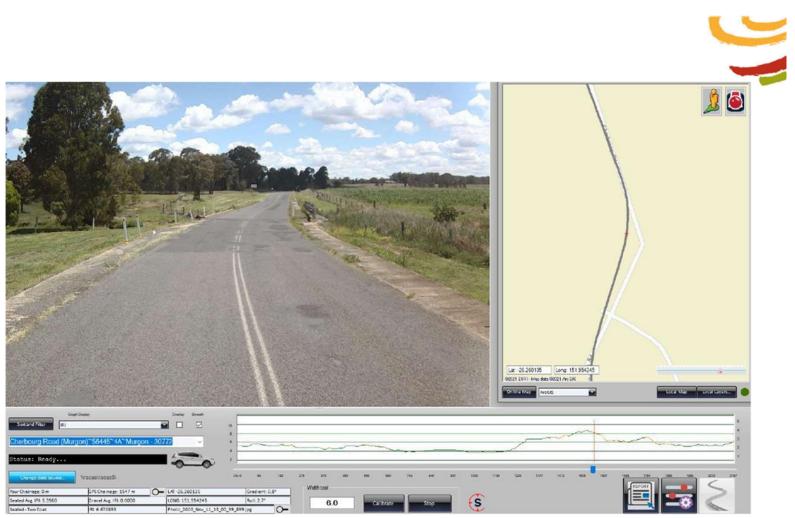


Figure 2 - Image taken 11/11/2020 at -26.260135, 151.954245

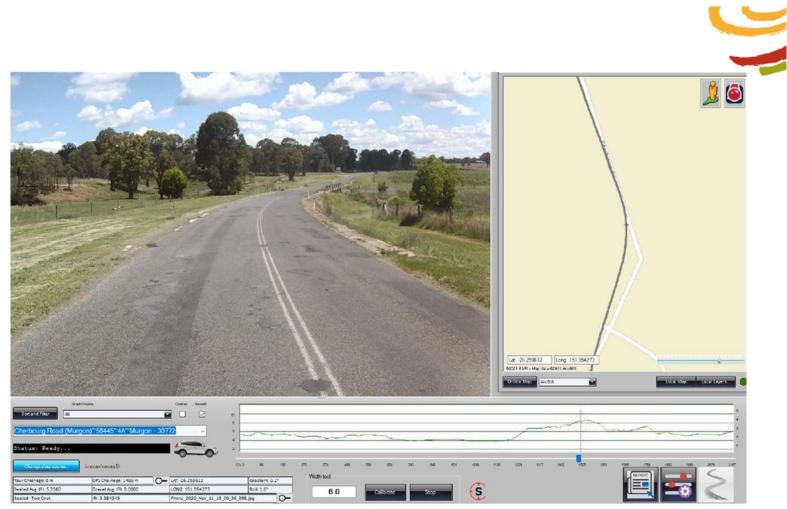


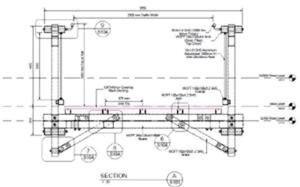
Figure 3- Image taken 11/11/2020 at -26.259612, 151.954273



Concept plans and/or design plan



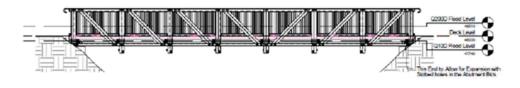
Bridge Cross Section (Indicative only)



Bridge Indicative Side View



ISOMETRIC VIEW





 South Burnett Regional Council

 ABN 89 972 463 351

 PO Box 336

 Kingaroy QLD 4610

 1300 789 279 or (07) 4189 9100

 (07) 4182 4806

 Info@southburnett.qld.gov.au

www.southburnett.qld.gov.au

Phone: (07) 4189 9100 IR:2767096 CG:AW

12 February 2021

Department of Transport and Main Roads

Dear Sir/Madam,

Aboriginal & Torres Strait Islander Transport Infrastructure Development Scheme -Sawpit Creek Pedestrian Bridge Project Nomination

South Burnett Regional Council together with the Cherbourg Aboriginal Shire Council wish to nominate the project 'Sawpit Creek Pedestrian Bridge', for funding from the Aboriginal & Torres Strait Islander Transport Infrastructure Development Scheme. Together, we have identified this project as a first priority for funding.

The proposed pedestrian bridge is critical in providing a safe method of travel for pedestrians and cyclists between Murgon and Cherbourg. The only current method of travel over Sawpit Creek is via the culvert directly adjacent to the road; putting members of the community at risk. It is anticipated these projects will lead to an increase in foot traffic between the two towns; resulting in major social and safety benefits for both communities.

This project will complement the approved federally funded footpath being constructed in 2021. These projects will allow both Councils to continue working together to improve infrastructure and further develop the strong community relations between Cherbourg and Murgon.

Thank you for your consideration of the Sawpit Creek Pedestrian Bridge project for this round of funding in the Aboriginal & Torres Strait Islander Transport Infrastructure Development Scheme.

Yours	Faith	bfully.	/			
			//			
	Yours	Yours F <i>a</i> fti	Yours F <i>a</i> ftbfully,	Yours Fattbfully,	Yours Fatthfully,	Yours Faithfully,

Aaron Meehan GENERAL MANANGER INFRASTRUCTURE

Customer Service Centres

- Blackbutt 69 Hart Street
- Kingaroy 45 Glendon Street

Nanango 48 Drayton Street

- Murgon 42 Stephens Street West
- 🔲 Wondai Crr Mackenzie & Scott Streets



CHERBOURG ABORIGINAL SHIRE COUNCIL

22 BARAMBAH AVENUE CHERBOURG OLD 4605 Phone: (07) 4168 1866 Fax: (07) 4168 2727

Phone: 4189 9100 IR: 2767096 CG:AW

12 February 2021

Department of Transport and Main Roads



Dear Sir/Madam,

Aboriginal & Torres Strait Islander Transport Infrastructure Development Scheme - Sawpit Creek Pedestrian Bridge Project Nomination

South Burnett Regional Council together with the Cherbourg Aboriginal Shire Council wish to nominate the project 'Sawpit Creek Pedestrian Bridge', for funding from the Aboriginal & Torres Strait Islander Transport Infrastructure Development Scheme. Together, we have identified this project as a first priority for funding.

The proposed pedestrian bridge is critical in providing a safe method of travel for pedestrians and cyclists between Murgon and Cherbourg. The only current method of travel over Sawpit Creek is via the culvert directly adjacent to the road; putting members of the community at risk. It is anticipated these projects will lead to an increase in foot traffic between the two towns; resulting in major social and safety benefits for both communities.

This project will complement the approved federally funded footpath being constructed in 2021. These projects will allow both Councils to continue working together to improve infrastructure and further develop the strong community relations between Cherbourg and Murgon.

Thank you for your consideration of the Sawpit Creek Pedestrian Bridge project for this round of funding in the Aboriginal & Torres Strait Islander Transport Infrastructure Development Scheme.

Yours Faithfully,

Chatur Zala CHIEF EXECUTIVE OFFICER CHERBOURG ABORIGINAL SHIRE COUNCIL

"Many Tribes One Community"



1

Department of Transport and Main Roads

Our ref ATSI TIDS 2021/22 Your ref

Mr Mark Pitt Chief Executive Officer South Burnett Regional Council PO Box 336 Kingaroy QLD 4610

19 April 2021

Dear Mark

2021/22 ATSI TIDS FUNDING NOMINATIONS

As you are aware, in November last year, the Department of Transport and Main Roads (TMR) called for eligible projects to be considered for funding under the 2021/22 Aboriginal and Torres Strait Islander (ATSI) Transport Infrastructure Development Scheme (TIDS).

Assessment of applications has now been completed by the ATSI TIDS panel. Unfortunately, due to the high number of quality applications received this year, your submission for the Sawpit Creek Footbridge project has not been successful on this occasion.

TMR would like to thank you for the time and effort that went into your application. For feedback on your application and the assessment process, please don't hesitate to contact

We look forward to continuing working closely with South Burnett Regional Council.

Yours faithfully

Ross Hodgman District Director (Far North)

6.6 ROAD MAINTENANCE AND SLASHING OVERVIEW

File Number:	02-06-2021
Author:	Personal Assistant Infrastructure
Authoriser:	Chief Executive Officer

PRECIS

Road Maintenance and Slashing Overview

SUMMARY

Council has recently undertaken reviews of some of its road services in preparation for budget discussions. The following reports provide an overview of slashing services along with commencement of new maintenance methodologies.

OFFICER'S RECOMMENDATION

That Council note the attached reports.

BACKGROUND

Refer to the attached reports.

ATTACHMENTS

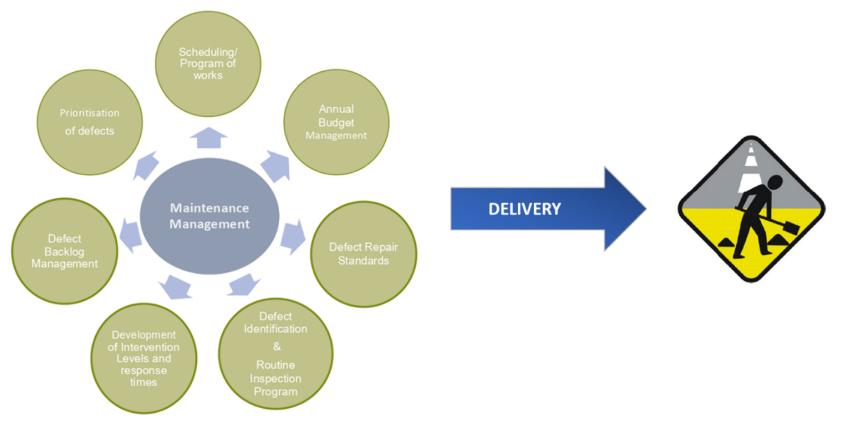
- 1. Slashing Program Overview 🗓 🖺
- 2. General Maintenance Overview 🕹 🛣



WORKS MAINTENANCE ROADSIDE SLASHING



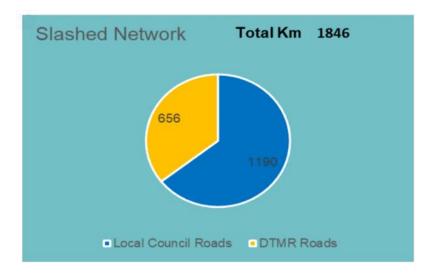
SERVICE DELIVERY STRATEGY



Roadside Slashing

- Service delivery strategy
 - Council currently utilises both internal and external resources to undertake roadside slashing.
 - Council owns and operates four (4) tractors and slashers which has been historically established based on annual viable utilisation that can be achieved.





- These core inhouse units are supplemented by private contractors as necessary and balanced against the budget allocations and grass height intervention on both the Council and DTMR network.
- Both internal and external resources are engaged and managed by inhouse supervision.

Roadside Slashing

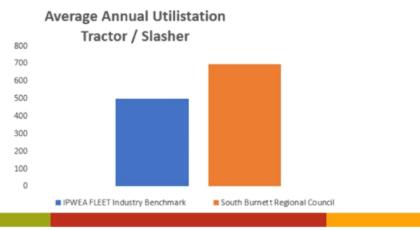


Utilisation of Plant

- The industry benchmark annual utilisation for roadside slashing is 500hrs
- Council's maintenance slasher fleet currently exceeds this benchmark with an average 696hrs

Current Level of Service

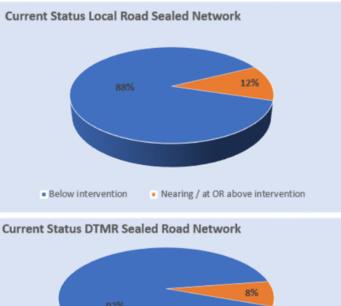
- Intervention level is 700mm height on the road edge. This is the height at which slashing generally commences, with consideration given to cyclic programming. (generally equates to 2 rounds/annum)
- Roadsides are generally slashed at 3.6m width from road edge (where achievable)



Estimate of Network Condition

Current Network Status

- It is estimated that with the current DTMR and Local Road intervention levels for slashing on sealed roads the network has approximately 12% Council and 8% DTMR nearing, at or above intervention.
- Slashing continues with a focus on the areas that are nearing intervention, with 480km programmed for slashing in the next 6 weeks which will complete the current intervention backlog.
- Council expenditure utilising internal and external resources is sitting at \$376K with an original estimated budget of \$330k, and about 2.5 rounds of slashing completed.



Nearing / at OR above intervention

Below intervention

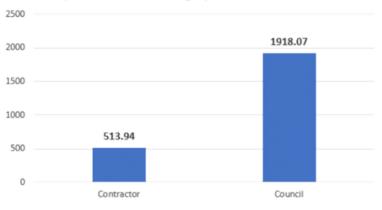
Roadside Slashing

Comparison (Council vs contracting)

Council currently utilises external resources to assist in achieving delivery outcomes particularly during peak growth periods.

Rate - The average current at cost hourly rate for internal slashing is \$100/hr, which is about the same as the average external hire rate (\$100/hr).

Production – The average length of road slashed per hour for a contractor (1.85km) is slightly higher than for Council crews (1.71km). As Council will typically do the lower production areas such as smaller subdivisions and higher trafficked roads, it is considered that the actual production rate is similar.



YTD Completed SBRC Slashing by Resource

Roadside Slashing

Service Delivery Strategy

During the cooler months and low growth periods our Council team will redeploy onto additional maintenance tasks including boom mowing, traffic control in maintenance crews, selected herbicide spraying, staff leave, coverage of sick leave absences, and potentially additional high priority road intersection maintenance.

Additional service option

For Council's consideration an increase in service level for roadside slashing of Council roads – one additional round of slashing \$165,000.

Brief Report General Maintenance Overview

Works Branch

Overview

Council has commenced the introduction of a maintenance management system for Transport Assets with initial focus on sealed roads and signage. A maintenance management approach has been an operational plan objective for Council and looks to combine a risk and asset management approach to inspections, defect management and customer requests. Council's maintenance management team has been implementing the "Reflect' program which provides a mobile computerised system for the collection of data and assists staff in the development of works programs for more efficient delivery.

The works and infrastructure admin team receive approximately 3000 requests a year and an additional 600 applications that includes works permits, rural addressing etc. The introduction of maintenance management will ultimately aim to reduce customer requests, provide more timely customer responses and allow Council to deliver better and more cost effective solutions to its network.

Officers have commenced the soft implementation of the system on the sealed road network including corridor inspections to identify defects such as potholes, pipe separations, fallen and hazardous trees, regulatory or broken signage, guideposts missing at critical locations, large edge breaks and edge drops along other priority safety defects to manage risk to a reasonable level for the public. Technical officers record their inspection along with details of the defects, including measurements, locations, rectification activities and other essential details to assist in prioritisation for programming of works.

Defects are recorded in a backlog for prioritisation between technical and delivery teams. Defects are categorised as one (1) of five (5) different priorities, which is based on risk management approach. Speed environment, traffic volume, construction type, location of defect, type of defect and the dimensions of the defect are all considered when establishing if a defect has met intervention level and what priority it has.

The below table provides an overview of priorities and the following page shows some examples of defect classifications:

Safety D	efects	Asset Maintenance Defects					
Defects	Defects	Reactive	Preventative	Miscellaneous &			
> 60 km/hr	\leq 60 km/hr	Maintenance	Maintenance	Aesthetic			
P1	P2	P3	P4	P5			

Defect Priorities

Sealed Road and Signage Defects

The trafficable road surface is inspected as part of the corridor safety inspections and customer request investigations. Surface defects, such as potholes, edge breaks, edge drops, rutting and shoving can be categorised and defined, based on the dimensions, location and speed environment as one of four priorities.

Defect ID	Intervention Level	Priority	Description	
Rutting	>75 mm (depth)	1, 2	Safety	
	>50 mm (depth)	3	Reactive Maintenance	
	<50mm (depth)	4	Preventative Maintenance	
Shoving	>75 mm (depth)	1, 2	Safety	
	>50 mm (depth)	3	Reactive Maintenance	
	<50mm (depth)	4	Preventative Maintenance	
Isolated surface	100 mm (depth)	1, 2	Safety	
Depression/Bump	50 mm (depth)	3	Reactive Maintenance	
Potholes/Edge Break	200mm dia and/or	1, 2	Safety	
	>50mm (depth)			
	100 mm dia and/or	3	Reactive Maintenance	
	<50mm (depth)			
Surface Cracking	Crocodile cracking	3	Reactive Maintenance	
	$> 1 \text{ m}^2$			
	Crocodile cracking	4	Preventative Maintenance	
	$< 1 m^{2}$			
	All other cracking	4	Preventative Maintenance	
	>5mm width			
Edge Drop Off	> 75 mm drop off	1,2	Safety	
	> 25 mm drop off	3	Reactive Maintenance	
Seal Bleeding or	Area $> 5 \text{ m}^2$ or	4	Preventative Maintenance	
Stripping	greater than 10m in			
	wheel path			

Defect ID	Intervention	Priority	Description
	Level		
Guide Posts Missing	At a critical	1,2	Safety
or Damaged	location		
	Missing or	3	Reactive Maintenance
	damaged general		
Pavement Markings	Lines unseeable or	1,2	Safety
	missing at critical		
	location		
	Lines faded or	4	Preventative
	RPMS missing		Maintenance
Traffic Management	Damaged or	1	Safety
Devices	Missing Guardrail		
	Missing or	1,2	Safety
	damaged		
	regulatory signage		
	at a critical		
	location		
	Damaged or	4	Preventative
	fading signs		Maintenance
Street Signs	Missing or	3	Reactive Maintenance
	Damaged		

Current Inspections and Values

should be acknowledged that the Firstly, it implementation of the system has commenced and there will be further implementation and data reviews. In the first rounds of implementation, Officers have commenced Corridor and Customer Inspections utilising the Reflect System. This first data set which will require some moderation and review, has recorded approximately \$3.7M in defects. Of this, there is approximately \$500k in priority one (1) and two (2) defects across a range of activities including edge drop off, rutting and sealed surface defects.



Programming of Works

Sealed Roads

Technical Officers, Works Coordinators and Supervisors have commenced developing sealed maintenance programs from system data which assesses works for priority. This is a significant change and initial advancement in operation maturity. In addition, the teams have developed maintenance zones across the South Burnett to create better programming and resourcing outcomes.

The programs aim to develop coordinated programs to target high priority defects as well as other defects that could be simultaneously undertaken within the maintenance zone. Surface defects, such as potholes, edge breaks, edge drops, rutting and shoving can be categorised and defined, based on the dimensions, location and speed environment as one (1) of four (4) priorities. A fortnightly meeting is held with Works Coordinators and Maintenance Supervisors to review the priority defects to establish where they will fit within the current priorities and the forward works program. An example of prioritisation methodology considered by the group includes it is reasonable to expect that a pothole in the wheel path on a road with a speed environment of 100km/ hour with a medium to high traffic volume will take priority over a pothole in a low speed, low traffic back road. Currently P1 and P2 defects are targeted to be programmed to be completed within three (3) to six (6) months unless otherwise completed as part of an alternative program such as capital works.

Signage Defects

As a part of the current road corridor inspections and customer request investigations various new signs and replacement signage defects are raised for prioritisation and backlog.

Each fortnight the supervisor of general maintenance reviews the defect backlog and orders any signs needed to undertake the works. Signs are then scheduled to be installed when resources are available around other high priority maintenance and RMPC contract works.

These are prioritised based on regulatory, priority, and risk to the public. Signage renewals such as faded signs works are lower priority and therefore are unable to be programmed at this time as the 20/21 financial year the maintenance budget at this time of year is strained so the maintenance team is focusing on P1 and P2 defects which pose a higher risk to the public.

Further Works

As discussed, the introduction of a maintenance management system has commenced with a soft implementation on sealed roads. The system will allow Council to build a quality backlog over the coming year to better understand its network, improve efficiency of works and decision making, improve customer service and generally make the network safer for road users.

The system will continue to be implemented with data and process reviews to improve accuracy along with establishment of target response times and budget needs over the coming year. Officers will review the implementation of the system when a new Principal Engineer is appointed and Council will be updated further as the project progresses where necessary.

6.7 GUIDELINES FOR CLEANING OF FOOTPATHS WITHIN CBD AREAS

File Number:02-06-2021Author:Personal Assistant InfrastructureAuthoriser:Chief Executive Officer

PRECIS

Guidelines for Cleaning of Footpaths within CBD Areas

SUMMARY

This is a report concerning guidelines to business owners and tenants within CBD areas to allow the cleaning of footpaths adjacent to their property/business.

OFFICER'S RECOMMENDATION

That the Committee recommend to Council that:

- 1. Council adopt the footpath cleaning guidelines and;
- 2. Council write to all CBD businesses to promote the guidelines

FINANCIAL AND RESOURCE IMPLICATIONS

The guideline has no financial or resource implications.

LINK TO CORPORATE/OPERATIONAL PLAN

Theme 1: Enhancing our Community - Building a vibrant, healthy, supportive and inclusive community.

Theme 5: Infrastructure – The provision of quality services and infrastructure for our community that is planned, provided and managed on sound asset

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Stakeholders within internal branches have been consulted. External communication has been had with the Department of Transport and Main Road and Council's legal provider.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Council officers additionally requested legal advice on the footpath cleaning guidelines. This advice was 'the act of cleaning a footpath does not, of itself, constitute works under the LGA or Council's local laws, and therefore does not require Council approval". This advice has been reflected in the updated footpath cleaning guidelines. However this does not relate footpath dining, and future approvals in relation to footpath dining and associated cleaning should be reviewed with insurance reviews.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

The guideline applies to all footpaths (as defined by the Local Government Act 2009) within the South Burnett Regional Council area. The following overarching regulatory instruments govern footpath trading, structures and works (cleaning) within the road reserve:

- Local Government Act 2009
- Local Law No. 1
 - Subordinate Local Law No. 1.1 (Alteration or Improvement to LG Controlled Areas & Roads) 2011
 - Subordinate Local Law No. 1.2 (Commercial Use of LG Controlled Areas and Roads) 2011

ASSET MANAGEMENT IMPLICATIONS

The guidelines has no asset management implications however businesses should only use appropriate product and processes and the performance of cleaning should reviewed regularly by Council.

REPORT

This is a report concerning a guideline, providing information to business owners and tenants within CBD areas to allow the cleaning of footpaths adjacent to their property/business.

The primary function of a footpath is to provide pedestrian access. However, the footpath may also be utilised for trading purposes that can improve the look of the streets and add life and vibrancy to shopping areas. It supports the prosperity of the local community and provides opportunities to dine outside. Cleanliness and a well-kept appearance of commercial premises is of high priority for small businesses as it can influence the first impression of customers.

The footpath cleaning guideline attempts to highlight how business owners and tenants can clean their footpaths directly adjacent to their premise/business and what the expectation and restrictions are.

By Council allowing business owners who want to maintain and clean the footpath, Council has imposed the following conditions which must be met, with the onus on the business owner or person undertaking the cleaning activity. These conditions are:

- 1. A clear unobstructed pedestrian corridor of a minimum width of 1.2m must be maintained at all times;
- 2. Whist cleaning the footpath with water, a yellow "A" frame "Caution Wet Floor, Cleaning in Progress" sign should be displayed whilst this cleaning activity is occurring;
- 3. No chemicals are to be used (this includes vinegar), only water can be used;
- 4. Ensure no damage is done to the footpath and advise Council of any damage that has occurred;
- 5. Any incidents occurring as a result of the cleaning works to be reported to Council as soon as possible; and
- 6. Take specified measures to ensure that no environmental harm or environmental nuisance occurs.
- 7. Take specified measures to protect the safety of persons who may be involved in, or affected by, the activities.

Take specified measures to protect the safety of persons who may be involved in, or affected by, the activities.

The factsheet also provides guidance on what activities and products can and cannot use to clean the footpath:

\otimes	Chemicals and Cleaning agents	\odot	Mop and Bucket
\otimes	Soap	\odot	Broom
\bigotimes	Vinegar	\odot	Water Hose
\odot	Water	\bigotimes	Pressure cleaner

ATTACHMENTS

1. Footpath Cleaning Guidelines 🗓 🛣

Best Practices for Keeping Footpath Areas Clean

This footpath cleaning guideline highlights how business owners can clean their footpath directly adjacent to their premises/business. Council recommends the below practices to limit pollution from runoff into the storm water.



Dry Sweeping: When cleaning down shopfront walls, windows, floors and footpaths, use a dry broom to clear away any solid material and dust. Collect and dispose of in a waste bin.

Wo was

Mopping Up: Using a mop/squeegee and bucket to clean down surfaces and dispose of the wastewater to sewer.



Hosing: Hosing should be kept to a minimum as it heightens the risk of potential pollutants entering the stormwater system and causing water pollution. Solid wastes deposited on the footpath can be collected by shovel and placed in a bin. Residual waste can then be mopped up.

If a business owner or tenant wants to maintain and clean the footpath adjacent to their building, the following conditions should be met:

- 1. A clear unobstructed pedestrian corridor of a minimum width of 1.2m must be maintained at all times.
- 2. Whist cleaning the footpath with water, a yellow "A" frame "Caution Wet Floor, Cleaning in Progress" sign should be displayed whilst this cleaning activity is occurring.
- 3. No chemicals are to be used (this includes vinegar), only water can be used.
- 4. Ensure no damage is done to the footpath and advise Council of any damage that has occurred.
- 5. Any incidents occurring as a result of the cleaning works to be reported to Council as soon as possible.
- 6. Take specified measures to ensure that no environmental harm or environmental nuisance occurs.
- 7. Take specified measures to protect the safety of persons who may be involved in, or affected by, the activities.



Anything entering the stormwater system other than rainwater is considered pollution. It is against the Law.

Strictly no chemicals or cleaning agents (soap, jiff, disinfection, vinegar etc) can be used when cleaning the footpath.

Enquiries

All enquiries can be referred to Council's Infrastructure Department on 07 4189 9100 or email <u>info@sbrc.qld.gov.au</u>.

This document is produced as a guide only. Whilst every effort has been made to ensure the information contained in this document is true and correct at the time of printing, no responsibility or liability is accepted by Council or any of its representatives for any errors or omissions.





7 PORTFOLIO - LDMG, WATER & WASTEWATER

7.1 LOCAL DISASTER MANAGEMENT, WATER AND WASTEWATER PORTFOLIO REPORT

File Number:02-06-2021Author:Personal Assistant InfrastructureAuthoriser:Chief Executive Officer

PRECIS

Local Disaster Management, Water and Wastewater Portfolio Report

SUMMARY

Councillor Frohloff presented her Local Disaster Management, Water and Wastewater Portfolio Report to Council.

OFFICER'S RECOMMENDATION

That Councillor Frohloff's Local Disaster Management, Water and Wastewater Portfolio report to Council be received for information.

BACKGROUND

N/A

ATTACHMENTS

1. Local Disaster Management, Water and Wastewater Portfolio Report 🗓 🖾

WATER & WASTEWATER BRANCH PORTFOLIO REPORT

The following are current/planned works

Updated as of 19/05/2021

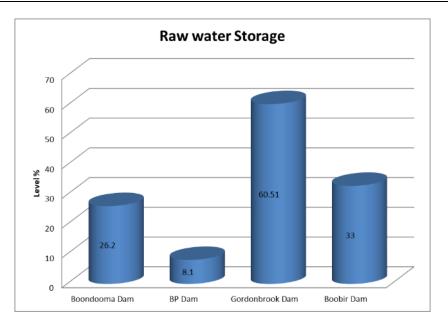
Capital Works 20-21 and Current Water Main Replacements

Name	Description	Expected Start	Expected Completion
Youngman Street, North	Trunk Water Main Replacement	September	Completed
Reen Street	Residential Water Main Replacement	September	March
КТР	Alford St Water main replacement	January	June
Haly Street (Hodge to Scott Street)	Trunk residential Water Main Replacement	March	June
Regional	Replace 1000 Water Meters	August	March
Class A Recycled Water Facilities – Wondai	Construction of new Class A recycled water facilities at Wondai	March 2019	Commissioning in April
SCADA and Cyber Security Updates			May 2021
Gordonbrook Dam	Spillway design	July 2020	May 2021

Restriction & Dam Levels at 19/05/2021

All towns remain on level three (3) Water Restrictions.

Recorded at: 19/05/2021

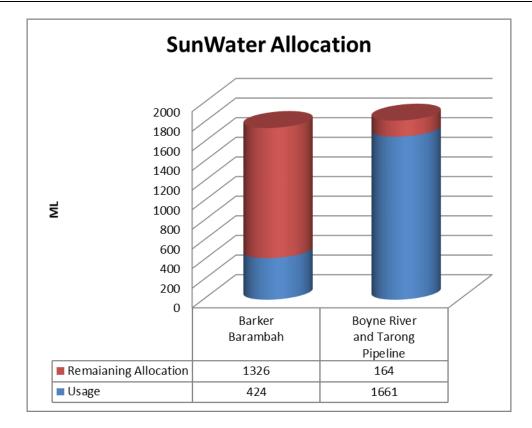


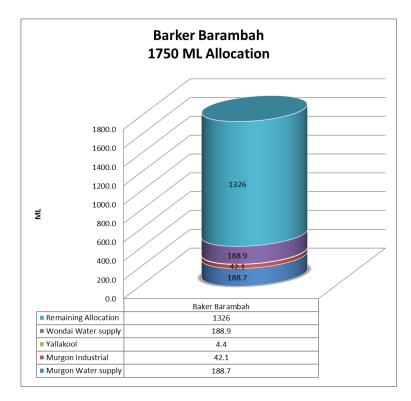
Key Highlights

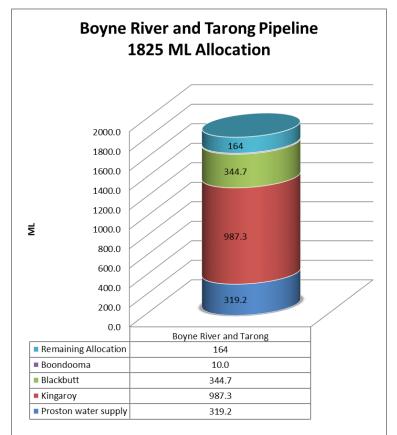
• Council continues to monitor water storage throughout the region. Current levels are: Boondooma 26.2%, BP Dam 8.1%, Gordonbrook Dam 60.5% Boobir Dam 33%

Water Allocations and Financial Year Consumption 19/5/2021

Water allocation SunWater scheme	Location / Allocation	Usage to date (ML)	Annual Allocation (ML)	Remaining Allocation (ML)	Remaining Allocation in (%)	Year remaining in (%)
	Murgon Water supply	188.7	1400	1164.0	83%	
	Murgon Industrial	42.1	1400	1164.9	83%	
Barker Barambah	Yallakool	4.4	ŀ			
	Wondai Water supply	188.9	350	161.125	46%	
	Sub Total	424	1750	1326	76%	120/
	Proston water supply	319.2	500	180.8	36%	12%
Boyne River and Tarong Pipeline	Kingaroy	987.3	1110	122.7	11%	
	Blackbutt	344.7	200	-144.7	-72%	
	Boondooma	10.0	15	5.0	33%	
	Sub Total	1661	1825	164	9%	







*Annual allocations are for the financial year

Reactive Work - Financial Year to Date

Town	Sewer Blockages	Other Sewer issues	Water Main Breaks	Other water issues
Kingaroy	40	28	6	491
Murgon	6	7	0	73
Wondai	2	0	4	71
Nanango	7	14	8	168
Blackbutt	3	0	0	53
Proston	3	2	0	10
Proston Rural	NA	NA	0	24
Kumbia	NA	NA	2	9
Wooroolin	NA	NA	0	12

Other Sewer Issues	Kingaroy	Murgon	Wondai	Nanango	Blackbutt	Proston
Sewer Main/Jump Up Repair	6	1	0	2	0	0
Odour	0	0	0	0	0	0
Manhole/Lid Repair	12	0	0	7	0	1
Enquiry Only	5	1	0	2	0	0
Owners Side	5	5	0	3	0	1

Other Water Issues	Kingaroy	Murgon	Wondai	Nanango	Blackbutt	Proston	Kumbia	Wooroolin
Water Main Repairs	21	3	7	20	0	10	0	0
Hydrant/Valve Repair	23	4	9	15	0	4	4	0
Water Meter Repair	177	35	25	38	12	7	3	4
Water Meter Replaced	37	2	0	21	0	0	1	1
Water Service Repair	153	7	8	38	14	8	1	6
No/Low Pressure	1	0	1	0	0	2	0	1
Water Quality	9	4	3	3	4	0	0	0
Standpipe	N/A	N/A	N/A	4	16	0	N/A	N/A
Enquiry Only	35	10	12	15	6	1	0	0
Owners Side	35	8	6	14	1	2	0	0

Reactive works year to date

- Council staff have attended 112 sewer requests this financial year
- Council staff have attended 931 water requests this financial year

Completed Capital Works for Noting

Name	Description	Started	Status
Replacement of Reservoir Roof – Scott Street, Wondai	Replacement of roof and repair of structural supports at Scott St Reservoir.	August 2019	Completed
Sewer Relining	Relining pipe / manholes Wondai, Murgon, Nanango.	August 2019	Completed
Replacement of Reservoir Roof – Orana	Replacement of roof and repair of structural supports at Orana Reservoir	August 2019	Completed

7.2 APPLICATION TO SUPPLY WATER OUTSIDE THE DECLARED SUPPLY AREA

File Number:	02-06-2021
Author:	Personal Assistant Infrastructure
Authoriser:	Chief Executive Officer

PRECIS

Application to Supply water outside the declared supply area

SUMMARY

Application to supply water outside the Declared Water Area of the Proston Rural Scheme was presented to the Infrastructure Standing Committee as Item 7.3 at its meeting of 3 March 2021 and was layed on the table until the May meeting to be considered with review of declared areas. The review of the declared areas is currently being finalised with additional information to be provided to for Council in establishing the supply areas. In addition, Officers have been asked to consider further information by one of the applicants.

OFFICER'S RECOMMENDATION

That the matter lay on the table until the July Infrastructure Standing Committee and the matter be considered in conjunction with the review of the declared water areas.

BACKGROUND

An application to supply water outside the Declared Water Area of the Proston Rural Scheme was presented to the Infrastructure Standing Committee as Item 7.3 at its meeting of 3 March 2021 and was layed on the table until the May meeting to be considered with review of declared areas.

Committee Resolution 2021/1

Moved: Cr Gavin Jones Seconded: Cr Kathy Duff

That Item 7.3 – Application to Supply Water Outside the Declared Supply Area, lay on the table until the May Infrastructure Standing Committee Meeting.

In Favour: Crs Brett Otto, Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff

Against: Nil

Carried 7/0

At the May Infrastructure Standing Committee the matter was layed on the table until the June Standing Committee Meeting.

Committee Resolution 2021/2

Moved: Cr Roz Frohloff Seconded: Cr Scott Henschen

That the matter lay on the table until the June Infrastructure Standing Committee with the review of the declared water areas.

- In Favour: Crs Roz Frohloff, Gavin Jones, Danita Potter, Kirstie Schumacher, Scott Henschen and Kathy Duff
- Against: Nil

Carried 6/0

ATTACHMENTS

Nil

7.3 ON SELL OF REMAINING WATER ALLOCATION FROM BP DAM

File Number:	02-06-2021
Author:	Personal Assistant Infrastructure
Authoriser:	Chief Executive Officer

PRECIS

On Sell of Remaining Water Allocation from BP Dam

SUMMARY

At the Infrastructure Standing Committee meeting held 5 May 2021, Council requested information on the opportunity for Council to on-sell some of its remaining allocation from the Barker Barambah (BP Dam).

OFFICER'S RECOMMENDATION

That the committee recommends to Council:

That Council do not progress the on-sell of remaining water allocation due to:

- 1. The additional costs to have allocation assessed and transferred with Sunwater;
- 2. Potential broker fees associated with tendering on the open market;
- 3. Timelines and resources involved in undertaking the necessary assessments near the end of the water year;
- 4. Water allocation are considered an asset in Council, as such any transfer will need to be provided for under an open public tender process; and
- 5. On-selling unused allocation may impact Councils water security profile during severe drought periods.

BACKGROUND

South Burnett Regional Council has a total of 1750ML of high priority allocation form the Barker Barambah water supply scheme, with Council at present utilising approximately 30% of total allocation between the two (2) schemes.

The possibility of temporarily transferring water to other allocations holders, although possible, has a number of steps required to go through before a transfer can be arranged.

Sunwater will need to be engaged to undertake an assessment and ensure all transfers are possible and meet the necessary legislative requirements under the Burnett Basin Resource operations Plan and Water Act 2000. Under this, Sunwater will need to assess and advise on the following:

- Transferring water allocations with a purpose of Urban to allocation holder for a purpose or agricultural or irrigation will need to be assessed and ensure the allocation changes can be met. This will incur a non-standard fee based on the volume of water to be transferred and assessed;
- Transferring water allocations from a High Priority to a Medium Priority allocation will need to be assessed and ensure the allocation changes can be met. This will also incur a non-standard fee based on the volume of water to be transferred and assessed; and
- Timeframe for assessment are difficult to state and could take several months to complete.

Water allocation is considered an asset in Council, as such any transfer will need to be provided for under an open public tender process. A number of water trading platforms already exist to assist with this, and fees and charges will be dependent on the platform used. Sunwater also displays sales and tenders from these platforms on their website if associated with their operations. Under the Burnett Basin Resource Operations Plan, High and Medium Priority allocation can only be transferred to certain zones. High Priority allocations can only be transferred between HD (broadly BP Dam to Murgon Weir) and HC (broadly Murgon Weir Byee) zones. Medium Priority can be transferred further, but there are additional volumetric conversion factors to be consider and required assessment, and also to ensure transferred volumes are allowed under the Burnett Basin Resource Operational Plan.

If transfers are possible, and once tendering has been competed, additional paperwork is required to officially transfer the allocations from the owner (SBRC) to the temporary holder, including payment conditions.

Given the timeframes required for assessments to see if transfers are possible within the legislation, the additional timeframes for tendering, and then formalising the allocation transfers, Council does not have resources in house to undertake this efficiently. In addition, on-selling unused allocation may impact Councils water security profile during severe drought periods, and a though water security assessment would be needed to determine what allocation may be sold whilst also ensuring Murgon and Wondai have sufficient allocations for water supply security.

Based on the above it is not recommended to transfer allocation from the Barker Barambah Schemes at this time however this may be reviewed in the future.

ATTACHMENTS

Nil

8 QUESTIONS ON NOTICE

8.1 QUESTIONS ON NOTICE

File Number: 02-06-2021

Author: Personal Assistant Infrastructure

Authoriser: Chief Executive Officer

The following questions on notice were received at the Infrastructure Standing Committee Meeting held on Wednesday, 5 May 2021 and the Community and Finance and Corporate Standing Committee Meeting held on Wednesday, 19 May 2021.

Questions

- 1. What is happening with the Cherbourg Road? In the Council budget is Council going to do something with our end of Cherbourg Road?
- 2. What is the traffic count on Cherbourg Road?
- 3. Is there a possibility of looking at a staged approach for the Hivesville footpath or some different sealing options that might be more of a cost-effective solution?
- 4. When was the Wondai Industrial Estate Established? Who developed the industrial estate? Were the funds for the sale of land in the industrial estate put into the infrastructure for the industrial estate? Have the commercial operators in the area paid any infrastructure charges?
- 5. Is there any opportunity for Council to on-sell some of it's remaining allocation from the Barker Barambah Scheme?
- 6. How many vehicles travel daily on Maidenwell Bunya Mountains Road per day in comparison to other LRRS Roads?
- 7. In the Trade Waste Management Policy it says "dried sludge is carted off site and used as a fertilizer resource or for compost processing". What are the current arrangements and can South Burnett Farmers access that product?

Responses

1. Responses are contained in the attachments of the report.

RECOMMENDATION

That the responses to the questions raised be received and noted.

ATTACHMENTS

1. June Infrastructure Questions on Notice Responses 🗓 🛣

Infrastructure's Questions on Notice

Q1) What is happening with the Cherbourg Road? In the Council's budget is Council is going to do something with our end of Cherbourg Road?

Council is currently preparing for the upcoming 2021/22 budget process in which two projects on Cherbourg Road have been added for consideration and deliberation during this process.

These projects include rehabilitation works on Cherbourg Road, and Sawpit Creek Bridge guardrail upgrades & structural work.

The estimated budget for the rehabilitation (full extent of SBRC section of Cherbourg Road Ch0.000 – Ch2.150) includes \$60,952 for resurfacing and \$51,500 for pavement rehabilitation where required for a total budget of \$112,452.50.

The estimated budget for Sawpit Creek guardrail upgrades and structural works is \$110,000.

Q2) What is the traffic count on Cherbourg Road?

The latest traffic count date was taken 23/01/2018 to 07/02/2018 and found an AADT of 2086 with 7.2% heavy vehicle traffic.

If new data is required, a traffic count can be programmed. It is in our opinion that the 2018 data is still relevant and representative due to no major changes in the area.

Q3) Is there a possibility of looking at a staged approach for the Hivesville footpath or some different sealing options that might be more of a cost effective solution?

Officers will look at options for staging and materials if Council considers the development of design as a priority in Council's forward works program.

Q4) When was the Wondai Industrial Estate established? Who developed the industrial estate? Were the funds from the sale of land in the industrial estate put into the infrastructure for the industrial estate. Have the commercial operators in the area paid any infrastructure charges?

Response is provided in the in Wondai Industrial Estate Design Infrastructure Standing Committee Report.

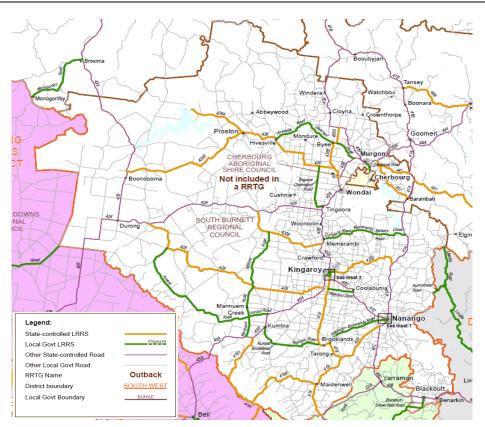
Q5) Is there any opportunity for Council to on-sell some of it's remaining allocation from the Barker Barambah Scheme?

Response is provided in the On-Sell of Remaining Water Allocation from BP Scheme Infrastructure Standing Committee Report.

Q6) How many vehicles travel daily on Maidenwell Bunya Mountains Road per day in comparison to other LRRS Roads?

Transport & Main Roads - Local Roads Of Regional Significance (TMR LRRS) Within the South Burnett Regional Council are as follows;

Road Name	Road Number	Length (km)	AADT	% HV	Counter Location
Kingaroy Cooyar Road (Taabinga)	419	29.79	1129	12.06	4 km south of Haly Creek Road
Kingaroy Cooyar Road (south of Maidenwell)	419	22.06	757	13.74	2.4 km south of Maidenwell township
Kingaroy Barkers Creek Road	4202	22.39	748	8.99	11 m west of Wattle Camp road
Nanango Tarong Road	429	15.59	702	9.12	At Berlin Road
Murgon Barambah Road	437	14.13	622	18.92	270m north of Paul Holzinagel Road
Kingaroy Burrandowan Road	428	64.39	596	14.97	Eastern side of Boonenne Ellesmere Road
Wondai Proston Road	436	36.35	429	19.23	At Kayes Road
Byee Road	4365	14.47	341	20.56	200m north of Mondure Wheatlands Road
Memerambi Gordonbrook Road	4206	25.15	254	18.2	410m east of Carews Road
Proston Boondooma Road	4356	39.46	213	23.72	3.1km east of Rankins Road
Bunya Mountains Road	4161	26.6	212	6.8	200m north of Maidenwell Bunya Mountains Road
Kingaroy Burrandowan Road	428	64.39	167	17.43	110m east of Inverlaw School Road
Okeden Road	4364	17.3	139	16.01	150m east of Okeden Byanda Road
Maidenwell Bunya Mountains Road	4196	25.52	112	7.8	260m west of Wengen Creek Road
Kilcoy Murgon / Redgate Road	491	11.1	91	14.59	At Roses Road Intersection



Q7) In the Trade Waste Management Policy it says "dried sludge is carted off site and used as a fertilizer resource or for compost processing". What are the current arrangements and can South Burnett Farmers access that product?

South Burnett Regional Council (SBRC) disposes of residual sludge through the End Of Waste Code regulated by the Department of Environment and Science (DES). The sludge that is produced by SBRC is considered a Class B Biosolid and can be used for beneficial re-use in agricultural or soil conditioning. This End of Waste (EOW) code for biosolids has been issued by the Queensland Government in accordance with section 159 of the Waste Reduction and Recycling Act 2011 (WRR Act). It also may be considered as a waste under section 13 of the Environmental Protection Act 1994 (EP Act).

To be able to receive the waste for beneficial re-use, the property and landowner are required to seek the relevant approvals and licences through DES. The producer and end user are required to provide analysis of the waste and receiving areas. The resource is required to meet strict environmental conditions.

Currently SBRC is contracted with Arkwood Organic recyclers who use a number of different farms for Biosolids beneficial re-use. SBRC pay ~\$75/t for carting, storing, disposal, and analytical sampling of the Biosolids.

9 CONFIDENTIAL SECTION

OFFICER'S RECOMMENDATION

That Council considers the confidential report(s) listed below in a meeting closed to the public in accordance with Section 254J of the *Local Government Regulation 2012*:

9.1 Electric Vehicle Charging Station

This matter is considered to be confidential under Section 254J - g and i of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government and a matter the local government is required to keep confidential under a law of, or formal arrangement with, the Commonwealth or a State.

10 CLOSURE OF MEETING