

Notice of Meeting

Infrastructure Advisory Committee Meeting

An Infrastructure Advisory Committee Meeting of Byron Shire Council will be held as follows:

Venue	Conference Room, Station Street, Mullumbimby
Date	Thursday, 21 September 2023
Time	4.30pm

Phil Holloway
Director Infrastructure Services

I2023/1439
Distributed 14/09/23

CONFLICT OF INTERESTS

What is a “Conflict of Interests” - A conflict of interests can be of two types:

Pecuniary - an interest that a person has in a matter because of a reasonable likelihood or expectation of appreciable financial gain or loss to the person or another person with whom the person is associated.

Non-pecuniary – a private or personal interest that a Council official has that does not amount to a pecuniary interest as defined in the Code of Conduct for Councillors (eg. A friendship, membership of an association, society or trade union or involvement or interest in an activity and may include an interest of a financial nature).

Remoteness – a person does not have a pecuniary interest in a matter if the interest is so remote or insignificant that it could not reasonably be regarded as likely to influence any decision the person might make in relation to a matter or if the interest is of a kind specified in the Code of Conduct for Councillors.

Who has a Pecuniary Interest? - a person has a pecuniary interest in a matter if the pecuniary interest is the interest of the person, or another person with whom the person is associated (see below).

Relatives, Partners - a person is taken to have a pecuniary interest in a matter if:

- The person’s spouse or de facto partner or a relative of the person has a pecuniary interest in the matter, or
- The person, or a nominee, partners or employer of the person, is a member of a company or other body that has a pecuniary interest in the matter.

N.B. “Relative”, in relation to a person means any of the following:

- (a) the parent, grandparent, brother, sister, uncle, aunt, nephew, niece, lineal descends or adopted child of the person or of the person’s spouse;
- (b) the spouse or de facto partners of the person or of a person referred to in paragraph (a)

No Interest in the Matter - however, a person is not taken to have a pecuniary interest in a matter:

- If the person is unaware of the relevant pecuniary interest of the spouse, de facto partner, relative or company or other body, or
- Just because the person is a member of, or is employed by, the Council.
- Just because the person is a member of, or a delegate of the Council to, a company or other body that has a pecuniary interest in the matter provided that the person has no beneficial interest in any shares of the company or body.

Disclosure and participation in meetings

- A Councillor or a member of a Council Committee who has a pecuniary interest in any matter with which the Council is concerned and who is present at a meeting of the Council or Committee at which the matter is being considered must disclose the nature of the interest to the meeting as soon as practicable.
- The Councillor or member must not be present at, or in sight of, the meeting of the Council or Committee:
 - (a) at any time during which the matter is being considered or discussed by the Council or Committee, or

- (b) at any time during which the Council or Committee is voting on any question in relation to the matter.

No Knowledge - a person does not breach this Clause if the person did not know and could not reasonably be expected to have known that the matter under consideration at the meeting was a matter in which he or she had a pecuniary interest.

Non-pecuniary Interests - Must be disclosed in meetings.

There are a broad range of options available for managing conflicts & the option chosen will depend on an assessment of the circumstances of the matter, the nature of the interest and the significance of the issue being dealt with. Non-pecuniary conflicts of interests must be dealt with in at least one of the following ways:

- It may be appropriate that no action be taken where the potential for conflict is minimal. However, Councillors should consider providing an explanation of why they consider a conflict does not exist.
- Limit involvement if practical (eg. Participate in discussion but not in decision making or vice-versa). Care needs to be taken when exercising this option.
- Remove the source of the conflict (eg. Relinquishing or divesting the personal interest that creates the conflict)
- Have no involvement by absenting yourself from and not taking part in any debate or voting on the issue as of the provisions in the Code of Conduct (particularly if you have a significant non-pecuniary interest)

Committee members are reminded that they should declare and manage all conflicts of interest in respect of any matter on this Agenda, in accordance with the [Code of Conduct](#).

RECORDING OF VOTING ON PLANNING MATTERS

Clause 375A of the Local Government Act 1993 – Recording of voting on planning matters

- (1) In this section, **planning decision** means a decision made in the exercise of a function of a council under the Environmental Planning and Assessment Act 1979:
 - (a) including a decision relating to a development application, an environmental planning instrument, a development control plan or a development contribution plan under that Act, but
 - (b) not including the making of an order under that Act.
- (2) The general manager is required to keep a register containing, for each planning decision made at a meeting of the council or a council committee, the names of the councillors who supported the decision and the names of any councillors who opposed (or are taken to have opposed) the decision.
- (3) For the purpose of maintaining the register, a division is required to be called whenever a motion for a planning decision is put at a meeting of the council or a council committee.
- (4) Each decision recorded in the register is to be described in the register or identified in a manner that enables the description to be obtained from another publicly available document and is to include the information required by the regulations.
- (5) This section extends to a meeting that is closed to the public.

OATH AND AFFIRMATION FOR COUNCILLORS

Councillors are reminded of the oath of office or affirmation of office made at or before their first meeting of the council in accordance with Clause 233A of the Local Government Act 1993. This includes undertaking the duties of the office of councillor in the best interests of the people of Byron Shire and the Byron Shire Council and faithfully and impartially carrying out the functions, powers, authorities and discretions vested under the Act or any other Act to the best of one's ability and judgment.

BYRON SHIRE COUNCIL

BUSINESS OF MEETING

1. APOLOGIES

2. DECLARATIONS OF INTEREST – PECUNIARY AND NON-PECUNIARY

3. ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

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ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

Report No. 3.1 Adoption of Minutes from Previous Meeting

Directorate: Infrastructure Services

5 **File No:** I2023/1390

RECOMMENDATION:

10 **That the minutes of the Infrastructure Advisory Committee Meeting held on 20 April 2023 be confirmed.**

Attachments:

15

1 Minutes 20/04/2023 Infrastructure Advisory Committee, I2023/559 , page 9  

Report

The attachment to this report provides the minutes of the Infrastructure Advisory Committee Meeting of 20 April 2023 .

5

Report to Council

The minutes were reported to Council on 23 May 2023.

Comments

10

In accordance with the Committee Recommendations, Council resolved the following:

23-217 Resolved that Council adopts the following recommendations:

Report No. 4.2 New Brighton Parking Options Investigation

Recommendation 4.2.1

1. That staff continue to develop designs to improve car parks in the area including North Head Carpark, The Esplanade North and provide way finding signage in the area to direct beach goers to the beach facility.
2. That Council investigates closing all but 6 car parking spaces in The Esplanade South and providing further parking in Esplanade North, North Head Rd, Riversea Lane, Dolphin Lane and New Brighton for foot traffic beach access.
3. That a further report is brought back to Council within 3 months of this date.
4. That Council considers the eventual outcome of the dune continuing to move west onto the Esplanade and this aspect be referred to the CMP.

BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1

23-218 Resolved that Council adopts the following Committee Recommendation:

Report No. 4.3 Myocum Quarry Update

Committee Recommendation 4.3.1

That Council notes the contents of the report and support the rehabilitation of Lots 1 (DP591441) and 4 (DP1052900).

Minutes of Meeting

Infrastructure Advisory Committee Meeting

Venue	Conference Room, Station Street, Mullumbimby
Date	Thursday, 20 April 2023
Time	9.00am



BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1 - ATTACHMENT 1

BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1 - ATTACHMENT 1

BYRON SHIRE COUNCIL

INFRASTRUCTURE ADVISORY COMMITTEE MEETING MINUTES 20 APRIL 2023

Minutes of the Infrastructure Advisory Committee Meeting held on Thursday, 20 April 2023

File No: I2023/559

PRESENT: Cr Michael Lyon (Mayor), Cr Duncan Dey, Cr Mark Swivel

Staff: Phil Holloway (Director Infrastructure Services)

Samuel Frumpui (Manager Works)

Judd Cornwall (Traffic Engineer)

Heather Sills (Manager Corporate Services)

Dominika Tomanek (Minute Taker)

Phil Warner (Manager Assets and Major Projects)

Community Representatives: Anthony Pangallo

Cr Lyon (Chair) opened the meeting at 9:10 am and acknowledged that the meeting was being held on Bundjalung Country.

ATTENDANCE VIA AUDIO-VISUAL LINK:

APOLOGIES:

Andrew Winton-Brown

ABSENT:

Gareth James, Kellie Obrien, Genevieve Lee,

DECLARATIONS OF INTEREST – PECUNIARY AND NON-PECUNIARY

There were no declarations of interest.

BYRON SHIRE COUNCIL

INFRASTRUCTURE ADVISORY COMMITTEE MEETING MINUTES 20 APRIL 2023

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

Report No. 3.1 Adoption of Minutes from Previous Meeting
File No: I2023/547

Committee Recommendation:

That the minutes of the Infrastructure Advisory Committee Meeting held on 16 February 2023 be confirmed.

(Pangallo/Dey)

The recommendation was put to the vote and declared carried.

BUSINESS ARISING FROM PREVIOUS MINUTES

There was no business arising from previous minutes.

STAFF REPORTS - INFRASTRUCTURE SERVICES

Report No. 4.1 Operational Plan - Workshop Session
File No: I2023/516

Committee Recommendation:

That the Infrastructure Advisory Committee provide input into the development of the draft Operational Plan 2023/24 (Attachment 1).

(Lyon/Pangallo)

The recommendation was put to the vote and declared carried.

BYRON SHIRE COUNCIL

INFRASTRUCTURE ADVISORY COMMITTEE MEETING MINUTES 20 APRIL 2023

Report No. 4.2 New Brighton Parking Options Investigation
File No: I2023/472

Committee Recommendation:

1. That Council Staff defer any further works regarding parking facilities on The Esplanade, New Brighton, south of The Strand due to the environmental implications discovered within the planning pathways assessment (E2023/35699).

2. That Council staff continue to develop designs to improve the Esplanade and North Head Carpark and provide way finding signage in the area to help direct beach goers to this facility including
 - a) option for the removal of unapproved structures and vegetation in the road reserve to increase car parking capacity and to facilitate improved turnaround

 - b) to consider the feasibility of the extension of the Esplanade southwards to join with Riversea Lane including road reserve status, environmental assessment and cost

3. That Council consider the eventual outcome of the dune continuing to move west onto the Esplanade and this aspect be referred to the CMP.

(Lyon/Swivel)

The recommendation was put to the vote and declared carried.

Report No. 4.3 Myocum Quarry Update
File No: I2022/1341

Committee Recommendation:

That Council note the contents of the report and support the rehabilitation of Lots 1 (DP591441) and 4 (DP1052900).

(Dey/Swivel)

The recommendation was put to the vote and declared carried.

BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1 - ATTACHMENT 1

BYRON SHIRE COUNCIL

INFRASTRUCTURE ADVISORY COMMITTEE MEETING MINUTES 20 APRIL 2023

Report No. 4.4 Infrastructure Services - Capital Works Update
File No: I2023/551

Committee Recommendation:

That the committee note the report.

(Lyon/Pangallo)

The recommendation was put to the vote and declared carried.

There being no further business the meeting concluded at 10:59 am.

STAFF REPORTS - INFRASTRUCTURE SERVICES

Report No. 4.1 Shire Wide Pedestrian Crossing Upgrades

Directorate: Infrastructure Services

5 **Report Author:** Shelley Flower, Road Safety Officer

File No: I2023/1142

Summary:

10 Council's Infrastructure Planning team have reviewed existing zebra style pedestrian crossings across the Shire in order to ensure compliance, asset maintenance and community safety. This report provides recommendations for staged upgrade of these crossings for review by Council.

15 **RECOMMENDATION:**

That Council endorse the proposed upgrade program for Byron Shire zebra crossings, subject to funding availability.

20

Report

Background

5 Council has received significant community feedback in relation to safety concerns at various pedestrian crossings around the Shire. Rather than providing ad-hoc solutions, Council has chosen to take a holistic approach and assess all existing pedestrian zebra crossings to ensure they are fit for purpose and align with current NSW road safety standards. This will help to ensure that upgrade works can be prioritised and planned appropriately.

Proposed Upgrade Program

10 The below table and locality maps identify the locations of the 17 zebra crossings which are located in Bangalow (1), Brunswick Heads (3), Byron Bay (3) and Mullumbimby (10). All of these are zebra crossings except for two in Byron Bay which are raised wombat crossings (as noted in table below).

15 We have ranked these crossing upgrades in order of priority by undertaking a risk assessment on each location. This assessment focussed on the likelihood of pedestrian crashes based on traffic volume, crash data, road alignment, existing infrastructure, etc.

The following crossings have been identified as the highest priority (refer Table 1 below):

- Jubilee Avenue, Mullumbimby (located outside Mullumbimby High School)
- Argyle Street, Mullumbimby (located near to Mullumbimby Primary School)
- 20 • Station Street, Mullumbimby (located adjacent to Council's office)
- Byron Street, Bangalow
- Burringbar Street (west), Mullumbimby (adjacent to Station St crossing)

Table 1: Byron Shire zebra/wombat crossings (including prioritisation)

No.	Priority Ranking	Location	Street	Comments
1	4	Bangalow	Byron Street	<ul style="list-style-type: none"> • Only zebra crossing in Bangalow • High volume road
2	13	Brunswick Heads	Tweed Street	<ul style="list-style-type: none"> • High volume road
3	14	Brunswick Heads	Fingal Street	<ul style="list-style-type: none"> • High volume secondary road

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STAFF REPORTS - INFRASTRUCTURE SERVICES

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4	15	Brunswick Heads	Mullumbimbi Street	<ul style="list-style-type: none"> High volume secondary road
5	10	Byron Bay	Jonson Street (north)	<ul style="list-style-type: none"> High volume road
6	11	Byron Bay	Jonson Street	<ul style="list-style-type: none"> High volume road Wombat crossing
7	12	Byron Bay	Jonson Street (south)	<ul style="list-style-type: none"> High volume road Wombat crossing
8	2	Mullumbimby	Argyle Street	<ul style="list-style-type: none"> School crossing
9	3	Mullumbimby	Station Street	<ul style="list-style-type: none"> High volume intersection with poor alignment / sight distances May be upgraded as part of the Burringbar St project
10	8	Mullumbimby	Burringbar Street (east)	<ul style="list-style-type: none"> High volume intersection May be upgraded as part of the Burringbar St project
11	7	Mullumbimby	Burringbar Street	<ul style="list-style-type: none"> High volume intersection May be upgraded as part of the Burringbar St project
12	5	Mullumbimby	Burringbar Street (west)	<ul style="list-style-type: none"> High volume intersection May be upgraded as part of the Burringbar St project
13	6	Mullumbimby	Stuart Street	<ul style="list-style-type: none"> High volume intersection May be upgraded as part of the Burringbar St project
14	9	Mullumbimby	Dalley Street	<ul style="list-style-type: none"> High volume intersection May be upgraded as part of the

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				Burringbar St project
15	N/A	Mullumbimby	Tincogan Street	<ul style="list-style-type: none"> Recently completed
16	N/A	Mullumbimby	Murwillumbah Road	<ul style="list-style-type: none"> School crossing Upgrade already underway
17	1	Mullumbimby	Jubilee Avenue	<ul style="list-style-type: none"> School crossing There have been a number of incidents at this location

Figure 1: Bangalow zebra crossing (shown *red*)



Figure 2: Brunswick Heads zebra crossings (shown *red*)

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STAFF REPORTS - INFRASTRUCTURE SERVICES

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Figure 3: Byron Bay zebra crossings (shown **red**)



Figure 4: Mullumbimby zebra crossings (shown red)



Funding

Council staff propose to use the following funding sources, where available:

- 5 1. Existing infrastructure projects in the vicinity of the crossings,
2. The annual Access Ramp and Footpath Upgrade and Renewal Program (ARFURP) budget,
3. External grant opportunities.

10 However, as Council’s budget has already been set, we propose to upgrade only the highest risk crossing this financial year using the ARFURP budget. This is the crossing located outside Mullumbimby High School on Jubilee Avenue (see location map below).

Figure 5: Mullumbimby High School pedestrian crossing (circled in red)

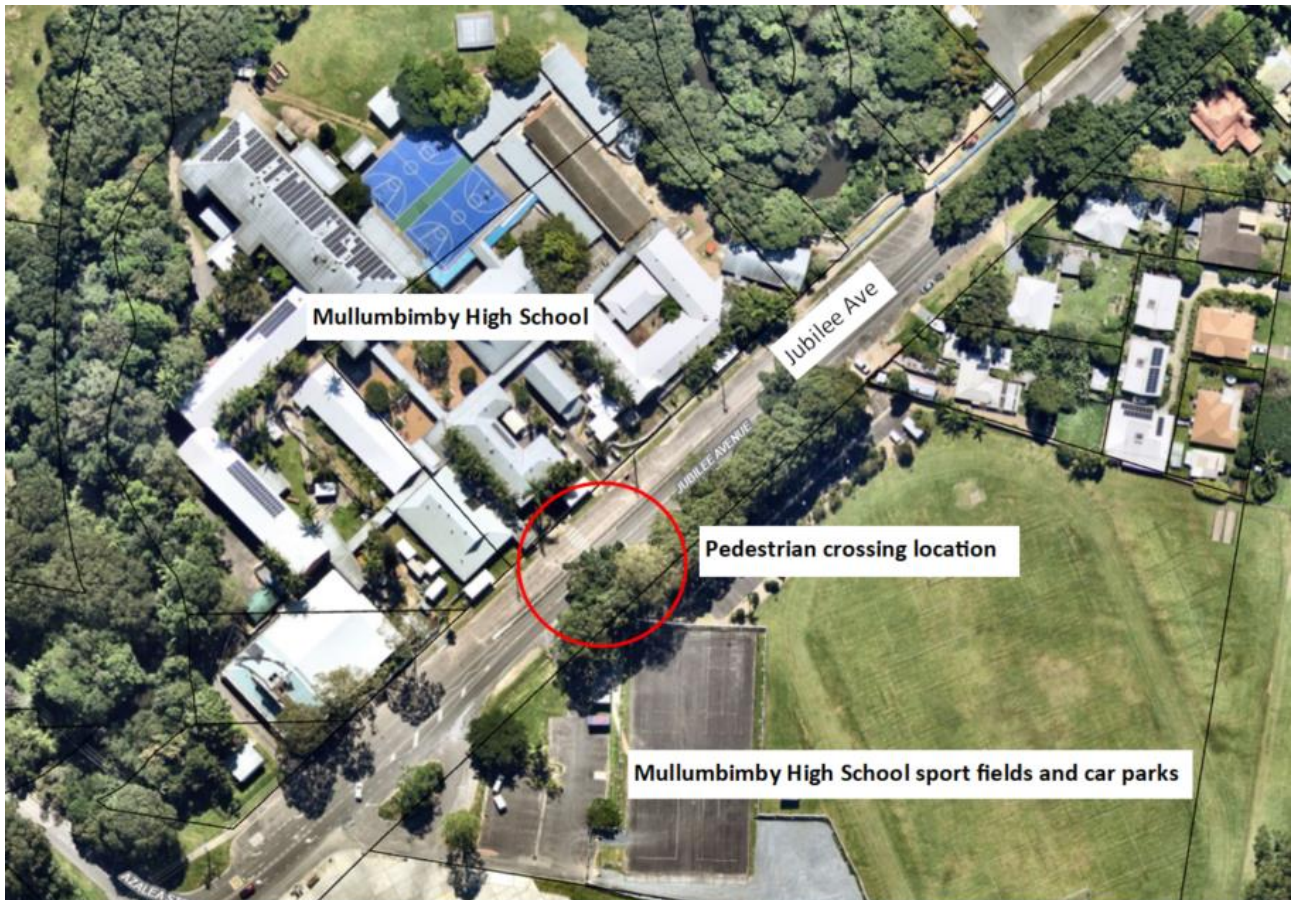


Figure 6: Jubilee Avenue, Mullumbimby zebra crossing street view (current)
(image courtesy Google Streetview October 2022)



5 This crossing has the following safety concerns:

- High volume of vehicular traffic on Jubilee Ave,
- A number of near miss incidents involving cars and pedestrians,
- Poor driver sight distances caused by the existing fence,
- Pedestrian access is not supervised, as TfNSW do not provide crossing supervisors for high schools,
- Pedestrians crossing multiple lanes of traffic (i.e. bus lane and main carriageway).

10

We believe the following interim upgrades should help improve the above safety issues, until longer term works can be completed:

- Install red paint around white zebra line marking (refer Fig 8).
- 5 • Potentially remove existing pedestrian fencing and consider a minimised pedestrian channelisation treatment while constructing a staggered pedestrian crossing with high vis. red zebra treatment. A two-stage staggered treatment encourages users to stop and look at each stage of their movement (refer Fig 7).
- 10 • Install entry treatment to differentiate bus lane from main carriageway, in lieu of the existing fence (refer Fig 9).
- Consider the installation of speed cushions on approaches to crossing. However, Jubilee Ave functions as a high order movement corridor for Mullumbimby and this treatment will function outside the pedestrian and traffic peak periods and may not be appropriate.
- 15 • Upgrade/refresh lighting, line marking and signage.

We estimate the cost for these works to be \$80K. The remaining budget for ARFURP this FY is \$110k, which will leave \$30k for other operational works.

Figure 7: Example of proposed staggered pedestrian crossing



20 Figure 8: Example of hi-vis red paint on crossing

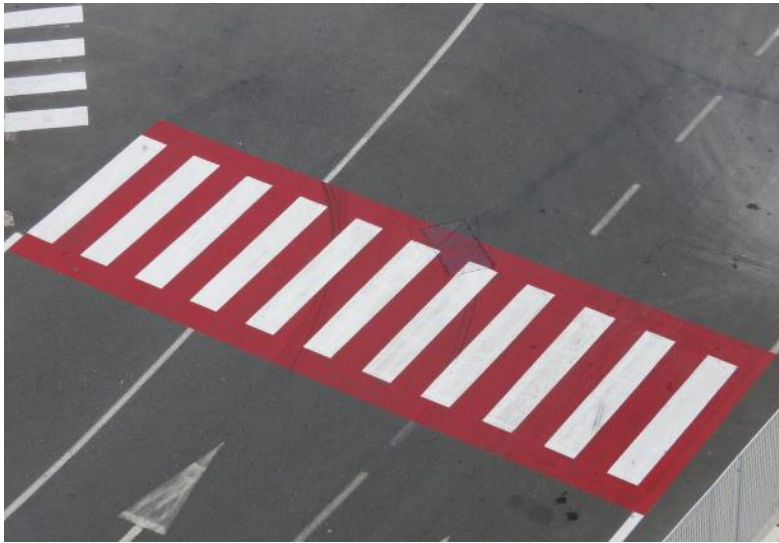


Figure 9: Examples of entry treatments to bus lane



Strategic Considerations

5 Community Strategic Plan and Operational Plan

CSP Objective	CSP Strategy	DP Action	Code	OP Activity
5: Connected Infrastructure	5.1: Provide a safe, reliable, and accessible transport network	5.1.3: Active transport - pedestrians and cycleways - Deliver the actions identified in the Pedestrian Access and Mobility Plan and in the Bike Plan	5.1.3.7	Undertake access ramps and footpaths works program

Recent Resolutions

Nil

Legal/Statutory/Policy Considerations

- Disability Discrimination Act 1992 (Cth), section 3 and section 32.
- Disability Standards for Accessible Public Transport (the 'DSAPT')

Financial Considerations

- 5 Council staff propose to use the annual access ramp and footpath upgrade and renewal program budget to fund one crossing upgrade each financial year. Refer Funding section for more detail.

Consultation and Engagement

- 10 Council staff have had ongoing meetings and correspondence with the following stakeholders in relation to Mullumbimby High School road safety issues:

- Mullumbimby High School
 - previous Principal, Greg Armstrong
 - current Acting Principal, Kelly Spilstead
 - Transport for NSW
 - Associate Community & Safety Partner, Alexie Miller
 - Department of Education
 - Asset Services Officer, Glen Barber
 - Sustainable Transport Technical Advisor, Rebecca Lehman
- 15
- 20 Further detailed consultation will be undertaken prior to works commencing.

Report No. 4.2 Maintenance Programs 23/24 FY – Sealed Road, Stormwater Drainage and Grading Programs

Directorate: Infrastructure Services

5 **Report Author:** Kirk Weallans, Operations Coordinator - IS

File No: I2023/1265

Summary:




To provide the Committee a status report on the 2023/2024 reseal, resheeting/grading and stormwater drainage programs.

10

RECOMMENDATION:

That the Infrastructure Advisory Committee note the report.

15 **Attachments:**

- 1 Resheeting_Grading Program 2023_24, E2023/90891 , page 31 [↓](#) 
- 2 Drainage Program 23_24, E2023/90892 , page 32 [↓](#) 
- 3 Reseal and Heavy Patching Program 2023/24, E2023/91133 , page 33 [↓](#) 

20

Report

Sealed Roads

As part of its adopted budget, Council has allocated \$1,250,000 (excluding grants) to reseal its road network.

- 5 Resealing is a routine pavement maintenance procedure which is essential to waterproof and thus prolong the life of the pavement, as well as provide the required surface texture necessary for skid resistance.

Reseals should be carried out every 5 -15 years, depending upon condition, traffic counts and more frequently in some situations.

- 10 The reseal program is based on an assessment of current pavement conditions and seal history with priority generally given to higher trafficked roads.

Heavy patching is undertaken when there are larger sections of road that are badly damaged or deformed. Council has allocated \$338,000 for heavy patching (excluding grants).

- 15 The reseal and heavy patching program is still be finalised and costed by Council Officers. The attached list (Reseal and Heavy Patching Program 2023/24, E2023/91133) provides an overview of the shortlisted roads which will be curtailed based on available funding.

Resheeting/Grading

- 20 As part of its adopted budget, Council has allocated \$785,000 to resheet/grade its gravel road network.

- 25 Resheeting/grading frequency is largely dependent on traffic and weather. Roads are prioritised based on risk and locality. Roads located within a certain area are generally grouped together within the program (refer attachment Resheeting_Grading Program 2023_24, E2023/90891) to achieve economy.

- 30 Council does not have a sufficient budget to undertake resheeting/grading on the road network continuously for the financial year. The current program extends to November and is based on existing Council priorities. The program will be review later in the year with additional roads to be added based on a priority basis and subject to available budget. This flexibility allows the Council to incorporate additional roads into the program based on the availability of external funding and the urgency of repairs.

- 35 Council is expecting to be awarded funding from the State Government to undertake grading on roads that experience significant damage during the February 2022 flood event. Once this funding has been approved the grading program and priorities will be revised accordingly.

Stormwater Drainage

As part of its adopted budget, Council has allocated \$1,115,000 to undertake stormwater drainage maintenance within the shire.

5 The attached program (Drainage Program 23_24, E2023/90892) is based on a nominal allocation of 70% for planned maintenance and 30% for reactive maintenance. When worked is deemed reactive crews will be redeployed as required and consequently planned maintenance timeframes is augmented. The attached program is based off an average daily crew rate and productivity. In reality both of these factors vary depending on maintenance history and asset type. The productivities are for open drain clearing and do not include addressing more significant CRMs.

10 It is not meaningful to provide a more granular for program drainage maintenance. Council drainage maintenance is limited and does not allow for planned maintenance to be undertaken on all drainage infrastructure each year.

15 The attached drainage program does not show future reactive works as it is not possible to program these works.

Strategic Considerations

Community Strategic Plan and Operational Plan

CSP Objective	CSP Strategy	DP Action	Code	OP Activity
5: Connected Infrastructure	5.1: Provide a safe, reliable, and accessible transport network	5.1.2: Road renewal and upgrades - Deliver road renewal and upgrade capital works program	5.1.2.1	Continue to deliver road network annual reseal program
5: Connected Infrastructure	5.1: Provide a safe, reliable, and accessible transport network	5.1.1: Road network maintenance - Undertake road and transport network maintenance to meet the standards identified in	5.1.1.3	Continue to deliver annual gravel resheeting program

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STAFF REPORTS - INFRASTRUCTURE SERVICES

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		the Asset Management Plan		
5: Connected Infrastructure	5.1: Provide a safe, reliable, and accessible transport network	5.1.1: Road network maintenance - Undertake road and transport network maintenance to meet the standards identified in the Asset Management Plan	5.1.1.1	Continue to deliver annual urban drainage maintenance program
5: Connected Infrastructure	5.1: Provide a safe, reliable, and accessible transport network	5.1.1: Road network maintenance - Undertake road and transport network maintenance to meet the standards identified in the Asset Management Plan	5.1.1.2	Continue to deliver annual rural drainage maintenance program
5: Connected Infrastructure	5.5: Provide continuous and sustainable water and sewerage management	5.5.3: Storm-water - Provide stormwater infrastructure to manage flood mitigation and improve social and environmental outcomes	5.5.3.5	Conduct annual stormwater capital maintenance renewal works program

Legal/Statutory/Policy Considerations

BYRON SHIRE COUNCIL

STAFF REPORTS - INFRASTRUCTURE SERVICES

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Nil

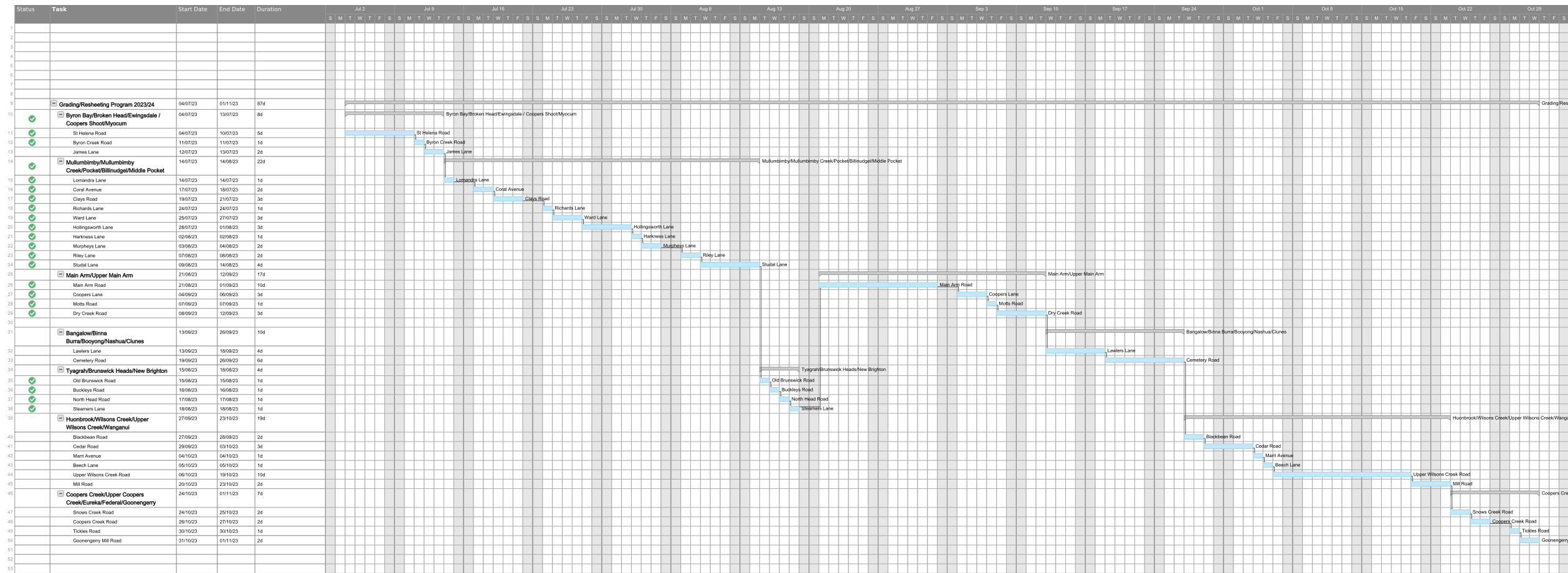
Financial Considerations

Works are limited by Council budget allocations.

Consultation and Engagement

5 Nil

Resheeting/Grading Program 2023/24



Drainage Program 23_24



Task Name	Approximate Start Date	Approximate Finish	Duration	Q3			Q4			Q1			Q2			Q3		
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1																		
2	Suburb																	
3	SW renewal - Ocean Shores	04/07/23	19/07/23	12d		Crew MM												
4	Reactive Works	20/07/23	15/08/23	19d		Crew MM												
5	SW renewal - Ocean Shores	16/08/23	31/08/23	12d			Crew MM											
6	OCEAN SHORES	01/09/23	08/11/23	49d			Crew MM											
7	OCEAN SHORES - constrained	01/09/23	05/10/23	25d			Crew MM											
8	SOUTH GOLDEN BEACH	09/11/23	19/12/23	29d				Crew MM										
9	SOUTH GOLDEN BEACH - constrained	06/10/23	15/11/23	29d				Crew MM										
10	NEW BRIGHTON	20/12/23	22/12/23	3d					Crew MM									
11	NEW BRIGHTON - constrained	16/11/23	20/11/23	3d					Crew MM									
12	BILLINUDGEL	25/12/23	27/12/23	3d					Crew MM									
13	BILLINUDGEL - constrained	21/11/23	23/11/23	3d					Crew MM									
14	BRUNSWICK HEADS	28/12/23	31/01/24	25d						Crew MM								
15	BRUNSWICK HEADS - constrained	24/11/23	28/12/23	25d						Crew MM								
16	MULLUMBIMBY	01/02/24	29/08/24	151d													Crew M	
17	MULLUMBIMBY - constrained	29/12/23	30/04/24	88d													Crew MM	
18	RURAL - constrained	03/07/23	18/10/23	78d													Crew JR	
19	RURAL - Constrained	03/07/23	18/10/23	78d													Crew JR	
20	BANGALOW	19/10/23	28/11/23	29d													Crew JR	
21	BANGALOW - constrained	19/10/23	01/11/23	10d													Crew JR	
22	BYRON BAY	29/11/23	14/05/24	120d													Crew JR	
23	BYRON BAY - constrained	02/11/23	24/01/24	60d													Crew JR	
24	SUFFOLK PARK	15/05/24	26/06/24	31d													Crew JR	
25	SUFFOLK PARK - constrained	25/01/24	14/02/24	15d													Crew JR	
26																		
27	funding = constrained																	
28	funding = unconstrained																	
29																		
30																		

Reseal and Asphalt Heavy Patching Program

Financial year	Road Name	Suburb	Chainage from	Chainage to	Length of seal	Segment ID	Width	Total Squares	Seal Type	Priority	Funding Source Description	Cost Estimate
23/24	Keith st	Bangalow	0	280	280	604.1	10	2800	A/C	1	Heavy Patching	\$ 209,440
23/24	Myocum Road	Myocum				Various			Heavy Patching	1	Heavy Patching	\$ 22,400
23/24	Coolamon Scenic dr	South	0	16380	16380	521.51		0	Heavy Patching	1	Heavy Patching	\$ 61,600
23/24	Argyle Street	Mullumbimby			0			0	Heavy Patching	2	Heavy Patching	\$ 7,840
23/24	Harbour Way	Brunswick heads	2620	2630	10		2	20	spray seal	2	Heavy Patching	\$ 11,200
23/24	Broken Head road	Broken Head	7270	7920	650	1158.322		1026	A/C	1	Repair Grant	\$ 234,100
23/24	Brunswick vally way	Brunswick heads			10000			0	crack sealing	2	Reseal pro	\$ 22,400
23/24	Tweed valley way	Yelgun	0	600	600		1	600	crack sealing	1	Reseal pro	\$ 11,200
23/24	Kings rd	Eureka	300	1500	1200	1213.12	6	7200	spray seal	2	Reseal pro	\$ 91,504
23/24	Seaview st	Byron Bay	0	330	330	1073.1	7.5	2475	spray seal	3	Reseal pro	\$ 36,652
23/24	Ruskin street	Byron Bay	0	670	670	1128.23	6	4020	spray seal	3	Reseal pro	\$ 52,326
23/24	Mullumbimbi st	Brunswick heads	0	230	230	955.1	6	1380	spray seal	2	Reseal pro	\$ 22,602
23/24	Short street	Brunswick heads	0	220	220	964.1	6	1320	spray seal	2	Reseal pro	\$ 16,262
23/24	Teven st	Brunswick heads	0	220	220	966.1	6	1320	spray seal	2	Reseal pro	\$ 16,262
23/24	Gulgan rd	Mullumbimby	510	3770	3260		8	26080	spray seal	2	Reseal pro / block	\$ 349,306
23/24	Minyon st	Brunswick heads	0	220	220	968.1	6	1320	spray seal	2	Reseal pro	\$ 19,062
23/24	Stewarts rd	Booyong	0	1990	1990	480.1	6	11940	spray seal	2	Reseal pro	\$ 149,901
23/24	Booyong rd	Booyong	10740	10950	210		6	1260	spray seal	3	Reseal pro	\$ 18,323
23/24	Federal drive	Federal	0	2150	2150	526.11	7	15050	spray seal	2	Reseal pro	\$ 191,016
23/24	Federal drive	Federal	2150	2450	300	526.12	7	2100	spray seal	2	Reseal pro	\$ 31,472
23/24	Federal drive	Federal	2450	4380	1930	526.13	7	13510	spray seal	2	Reseal pro	\$ 172,043
23/24	Repentance Creek rd	Goonengerry	0	2680	2680	1150.1	6	16080	spray seal	1	Reseal pro	\$ 200,346
23/24	Repentance Creek rd	Goonengerry	2680	3280	600	1150.21	6	3600	spray seal	1	Reseal pro	\$ 46,592
23/24	Repentance Creek rd	Goonengerry	3280	3620	340	1150.22	6	2040	spray seal	1	Reseal pro	\$ 27,373
23/24	Repentance Creek rd	Goonengerry	3620	3760	140	1150.23	6	840	spray seal	1	Reseal pro	\$ 12,589
23/24	Repentance Creek rd	Goonengerry	3760	4690	930	1150.24	6	5580	spray seal	1	Reseal pro	\$ 70,986
23/24	Kings rd	Eureka	0	300	300	1213.11	6	1800	spray seal	1	Reseal pro	\$ 30,576
23/24	Morrison Avenue	Mullumbimby							A/C	Grant	ECG - Asphalt Overlay	\$ -
23/24	Ponciana Avenue	Mullumbimby							A/C	Grant	ECG - Asphalt Overlay	\$ -
23/24	Prince Street	Mullumbimby							A/C	Grant	ECG - Asphalt Overlay	\$ -
23/24	Various	Ocean Shores							A/C	Grant	Heavy Patch FLR Ocean Shores	\$ 113,120
??	Lighthouse Road	Byron Bay								2	??	??
??	Bangalow Road	Talofa								2	??	??

Report No. 4.3 Capital Works Program 2023/24

Directorate: Infrastructure Services

Report Author: Samuel Frumpui, Manager Works
Zach Fryer, Construction Coordinator
James Flockton, Infrastructure Planning Coordinator

5

File No: I2023/1368

Summary:



To provide the Committee a status report on the progress of the 2023/24 Capital Works Program in conjunction with the (10) year Capital Works Program.

10 Updates on all Infrastructure Services Capital Works projects will be provided at the meeting via Council's Project Management Control system, Pulse, as required.

15 **RECOMMENDATION:**

That the Committee notes the 2023/24 Capital Works Program and 10-year Capital Works program.

Attachments:

- 20 1 Works 10 Year Plan 2024-25 to 2033-34 Capital Budget for Infrastructure Advisory Committee, E2023/94997 , page 40 [↓](#) 
- 2 Design & Construction Capital Works Program 2023/24, I2023/1401 , page 46 [↓](#) 

Report

Attached to this report is the 10 year plan from 2024/25 onwards (attachment 1) and the approved capital works program for 2023/24 (attachment 2).

5 Report also outlines projects/programs currently being delivered, completed and future works for this year.

10 Year Plan 2024/25 onwards

10 The works team maintain a 10-year plan that is updated each year as part of the annual budget process. The update process commences in August each year and is concluded in December each year. Following this the plan is escalated internally for consideration and then to Council and community consultation process.

Attachment 1 is not a completed review, the current review has commenced, but is not complete, therefore this document is a work in progress. The budget is not currently balanced against available budgets and will need to change to balance the budgets.

15 It is noted that this plan is balanced each year against available projected budgets. It does not reflect the real needs of our infrastructure network. It aims to strike a mix of renewals, upgrade and new assets, that allow staff to seek grant funds with Council's contributions for new works or upgrades while also completing essential renewal works.

20 Annual budgets are not sufficient to meet the renewal needs of Council, this is unlikely to ever change, therefore, staff have the difficult task of working out which are the most urgent works and carry the most risk to Council. Staff also try to ensure the program represents the best value for money for Council, this may result in the program looking unusual, but it will represent the best way of spending Council funds.

Capital Works Program 2023/24

25 Completed Projects:

- Main Arm Road Causeway 2 Replacement

Scope: Replacement of old causeway with new box culverts. New road pavement and new culvert to be 2 lanes wide.



- Wordsworth Street Parking Upgrade – Byron Bay

Scope: Installation of kerb & gutter, new drainage and rehab of pavement.



- 5
- Gloria Street (East), Robin Street, Peter Street & Royal Avenue - Infiltration Pits- South Golden Beach

Scope: Installation of new infiltration pits, linking existing pits with subsoil drainage



Active Projects:

- Linda Vidler Drainage Upgrade
- Left Bank Road Pavement & Drainage Works
- 5 • Fern Street Shared Path
- Carlyle Street Road Renewal – Byron Bay

Future Projects:

- Prince Street Pavement Rehabilitation
- 10 • Strand Avenue Pavement Rehabilitation
- River Terrace Pavement Rehabilitation
- Rajah Road Drainage
- Bayshore Drive - Road Renewal and Shared Path
- Mullumbimby Recreation Grounds Carpark

15 Staff have also reviewed and allowed, in the interim, delivery of flood damage scope of works, pending approval outcomes from Transport NSW in the second half of the fiscal year, January to June 2024. However, this is all outside our control when those EPAR works will be approved and can be programmed accordingly.

20 Our intentions are to be well-prepared to deliver both the internal capital works program and a portion of the flood damage scope efficiently and effectively.

We are dedicated to resource allocation, staff development, and maintaining the flexibility required to respond promptly to any changes in funding or scope.

Key issues

- NSW Reconstruction EPAR Approval impacts
- 5 • Grant Fundings and delivery timeframes
- Design - shovel ready projects
- Resourcing

There are no negative impacts proposed in this report, except for the key issues already noted above which may impact the program.

- 10 • Currently, with no approved EPAR for Construction Team to deliver, staff are working along with other directorates to ensure other grant funded projects can be delivered using internal capital works teams.

Strategic Considerations

Community Strategic Plan and Operational Plan

CSP Objective	CSP Strategy	DP Action	Code	OP Activity
<p>5: Connected Infrastructure We have connected infrastructure, transport, and facilities that are safe, accessible, and reliable</p>	5.1: Provide a safe, reliable, and accessible transport network	5.1.5: Restore road network - Restore the affected parts of the road network that were impacted by the 2022 flood events	5.1.5.1	Flood Damage Repair program
<p>5: Connected Infrastructure We have connected infrastructure, transport, and facilities that are safe, accessible, and reliable</p>	5.2: Connect the Shire through integrated transport services	5.2.2: Public transport - Advocate for public transport services across Byron Shire that are convenient, regular, and	5.2.2.1	Advocate and apply for grants that improve accessibility to various transport options across the shire

		easy to access		
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Recent Resolutions

Nil

Legal/Statutory/Policy Considerations

Nil

5 Financial Considerations

Capital Works 10-year program have been developed around balancing budgets within projected budget allocations.

Most projects are fully funded by Council for delivery in 2023/24, with additional funding from State and Federal.

- 10 Adjustments to project budgets to reflect budget savings or additional costs are managed by either:
- Separate report to Council.
 - Inclusion in September, December, March or June (end of year) Quarterly Financial Review.

15 Consultation and Engagement

Nil

BYRON SHIRE COUNCIL

Project Description	Program	Asset class	Asset sub class	Locality	Expenditure Type	Year	Amount	Funding										
								Grants - RTR	Grants - State/ Contrib	Section 94	Loans	Stormwater Res	IRR - Byron Bay	BBTCMP	IRR - Non Byron	Reserves	2017/18 SRV Allocation	Council Revenue
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2024/25	460,000.00										460,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2025/26	48,000.00										48,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2026/27	500,000.00										500,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2027/28	520,000.00										520,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2028/29	540,000.00										540,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2029/30	560,000.00										560,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2030/31	580,000.00										580,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2031/32	600,000.00										600,000.00	
Capital Heavy Patching / Asphalt Overlay Program - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2032/33	700,000.00										700,000.00	
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2024/25	100,000.00						100,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2025/26	110,000.00						110,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2026/27	120,000.00						120,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2027/28	120,000.00						120,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2028/29	120,000.00						120,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2029/30	120,000.00						120,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2030/31	120,000.00						120,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2031/32	120,000.00						120,000.00					
Capital Heavy Patching / Asphalt Overlay Program - Byron Bay - As per inspection report	Local Roads and Drainage	Roads	Roads Sealed	SHIREWIDE	Renewal	2032/33	120,000.00						120,000.00					
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2024/25	150,000.00										150,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2025/26	160,000.00										160,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2026/27	170,000.00										170,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2027/28	180,000.00										180,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2028/29	190,000.00										190,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2029/30	200,000.00										200,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2030/31	210,000.00										210,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2031/32	220,000.00										220,000.00	
Bridge Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads	Bridges	SHIREWIDE	Renewal	2032/33	230,000.00										230,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2024/25	60,000.00										60,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2025/26	70,000.00										70,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2026/27	80,000.00										80,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2027/28	90,000.00										90,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2028/29	100,000.00										100,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2029/30	110,000.00										110,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2030/31	120,000.00										120,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2031/32	130,000.00										130,000.00	
Causeway Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2032/33	140,000.00										140,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2024/25	60,000.00										60,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2025/26	70,000.00										70,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2026/27	80,000.00										80,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2027/28	90,000.00										90,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2028/29	100,000.00										100,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2029/30	110,000.00										110,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2030/31	120,000.00										120,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2031/32	130,000.00										130,000.00	
Major Culverts Capital Maintenance Works Program - As per inspection report	Local Roads and Drainage	Roads		SHIREWIDE	Renewal	2032/33	140,000.00										140,000.00	
Orana Bridge Capital Concrete Repair	Local Roads and Drainage	Roads		OCEAN SHORES	Renewal	2025/26	406,000.00										406,000.00	

Copy of Design & Construction Capital Works Pro...



Pulse Project No.	Task Name	Duration	Start	Finish	Q1		Q2		Q3			Q4				
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	FY 23-24 - Capital Construction Projects	276d	03/04/23	15/05/24	[Gantt bar]											
2	n/a - Manns Rd Pavement Rehab	15d	13/06/23	03/07/23	[Gantt bar]											
3	Construction	15d	13/06/23	03/07/23	Crew 1											
4	PM22_1368 - Wordsworth Street Upgrade	86d	04/05/23	01/09/23	[Gantt bar]											
5	Design	40d	04/05/23	29/06/23	[Gantt bar]											
6	Project Approval Package	0	19/06/23	19/06/23	[Gantt bar]											
7	Construction planning	20d	26/06/23	21/07/23	Capital Works											
8	Construction	30d	24/07/23	01/09/23	Capital Works Crew 1 & 2											
9	Project close out	0	01/09/23	01/09/23	Bella											
10	PM22_1490 - Left Bank Rd Pavement & Drainage Works	137d	16/05/23	24/11/23	[Gantt bar]											
11	Construction Planning	30d	16/05/23	27/06/23	[Gantt bar]											
12	Construction	99d	10/07/23	24/11/23	Capital Works Crew 1 & 2											
13	PM20_1204 - Carlyle Street Upgrade	190d	04/05/23	12/02/24	[Gantt bar]											
14	Design	81d	04/05/23	25/08/23	IS Planning											
15	Project Approval Package	0	07/08/23	07/08/23	IS Planning											
16	Construction planning	20d	14/08/23	08/09/23	Capital Works											
17	Construction	70d	11/09/23	18/12/23	Capital Works Crew 1 & 2											
18	Project close out	0	18/12/23	18/12/23	[Gantt bar]											
19	PM20_1209 - Fern St Shared Path	155d	04/05/23	08/12/23	[Gantt bar]											
20	Design	25d	04/05/23	07/06/23	[Gantt bar]											
21	Project Approval Package	43d	21/08/23	19/10/23	IS Planning											
22	Construction planning	20d	23/10/23	17/11/23	Capital Works											
23	Construction	15d	20/11/23	08/12/23	Capital Works Crew 2											
24	Project close out	0	08/12/23	08/12/23	[Gantt bar]											
25	?? - SGB Flood Pump Generator	99d	11/09/23	12/02/24	[Gantt bar]											
26	Design	50d	11/09/23	20/11/23	[Gantt bar]											
27	Project Approval Package	0	20/11/23	20/11/23	[Gantt bar]											
28	Construction Planning	20d	04/12/23	12/01/24	Capital Works											
29	Construction	20d	15/01/24	12/02/24	Capital Works Crew 2											
30	Project Close Out	0	12/02/24	12/02/24	[Gantt bar]											
31	n/a - River Terrace Pavement Rehab	98d	30/08/23	30/01/24	[Gantt bar]											
32	Pavement Design	15d	30/08/23	19/09/23	[Gantt bar]											
33	Scoping	10d	04/09/23	15/09/23	Operations											
34	Construction planning	1d	08/01/24	08/01/24	Operations											
35	Construction	15d	09/01/24	30/01/24	Capital Works Crew 1											
36	n/a - Mullumbimby Rec Grounds Carpark	120d	11/09/23	12/03/24	[Gantt bar]											
37	Design	40d	11/09/23	06/11/23	Open Spaces											
38	Project Approval Package	0	06/11/23	06/11/23	Open Spaces											
39	Construction planning	20d	21/11/23	18/12/23	Capital Works											
40	Construction	30d	31/01/24	12/03/24	Capital Works Crew 1											
41	Project close out	0	12/03/24	12/03/24	[Gantt bar]											
42	PM22_1325 - SGB Gloria (East) & Royal Infiltration Drainage Upgrade	114d	03/04/23	08/09/23	[Gantt bar]											
43	Design	50d	03/04/23	09/06/23	[Gantt bar]											
44	Project Approval Package	0	19/06/23	19/06/23	[Gantt bar]											
45	Construction planning	20d	26/06/23	21/07/23	Capital Works											

BYRON SHIRE COUNCIL

Pulse Project No.	Task Name	Duration	Start	Finish	Q1		Q2			Q3			Q4		
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
46	Construction	35d	24/07/23	08/09/23											
47	Project close out	0	08/09/23	08/09/23											
48	Prince St Pavement Rehab	30d	28/08/23	09/10/23											
49	Construction planning	10d	28/08/23	08/09/23											
50	Construction	10d	25/09/23	09/10/23											
51	Linda Vidler Drainage	141d	18/05/23	04/12/23											
52	Design	20d	18/05/23	15/06/23											
53	Project Approval Package	0	04/09/23	04/09/23											
54	Construction planning	20d	11/09/23	09/10/23											
55	Construction	40d	10/10/23	04/12/23											
56	Project close out	0	04/12/23	04/12/23											
57	Strand Ave Pavement Rehab	83d	30/08/23	08/01/24											
58	Pavement Design	15d	30/08/23	19/09/23											
59	Scoping	10d	04/09/23	15/09/23											
60	Construction planning	1d	04/12/23	04/12/23											
61	Construction	15d	05/12/23	08/01/24											
62	Lawson Street Upgrade	254d	03/05/23	15/05/24											
63	Design	63d	03/05/23	31/07/23											
64	Project Approval Package	54d	02/10/23	14/12/23											
65	Construction planning	20d	01/03/24	28/03/24											
66	Construction	30d	02/04/24	15/05/24											
67	Project close out	0	15/05/24	15/05/24											
68	Koranba Place Intersection Improvements	149d	03/07/23	12/02/24											
69	Survey	20d	03/07/23	28/07/23											
70	Design	64d	01/08/23	30/10/23											
71	Project Approval Package	29d	06/11/23	14/12/23											
72	Construction planning	40d	04/12/23	12/02/24											
73	Construction	15d													
74	Project close out	0													
75	Orana Road Bridge Deck renewal	40d	23/10/23	15/12/23											
76	Design														
77	Project Approval Package	0	23/10/23	23/10/23											
78	Construction planning	20d	30/10/23	24/11/23											
79	Construction	15d	27/11/23	15/12/23											
80	Project close out	0	15/12/23	15/12/23											
81	Rifle Range Road Intersection Upgrade	140d	03/07/23	30/01/24											
82	Construction	120d	03/07/23	18/12/23											
83	Project close out	20d	19/12/23	30/01/24											
84	39 Brownwell Drive Landslip Repair	76d	04/05/23	18/08/23											
85	Design	30d	04/05/23	15/06/23											
86	Project Approval Package	0	26/06/23	26/06/23											
87	Construction planning	20d	03/07/23	28/07/23											
88	Construction	15d	31/07/23	18/08/23											
89	Project close out	0	18/08/23	18/08/23											