



AGENDA

for the
ALL PURPOSE COMMITTEE MEETING
commencing at 6:30PM
on
20 MAY, 2019

at the
Councillor's Conference Room

17 May 2019



NOTICE OF MEETING

An All Purpose Committee meeting, of the City of Kalgoorlie-Boulder will be held in the **Councillor's Conference Room** on **Monday, 20 May 2019** commencing at **6:30pm**.

Regards

A handwritten signature in black ink, appearing to read "John Walker", written over a horizontal line.

JOHN WALKER
Chief Executive Officer

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1 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

2 RECORD OF ATTENDANCE/APOLOGIES/LEAVE OF ABSENCE (PREVIOUSLY APPROVED)

IN ATTENDANCE:

MEMBERS OF STAFF:

VISITORS:

PRESS:

APOLOGIES – ELECTED MEMBERS:

APOLOGIES – MEMBERS OF STAFF:

LEAVE OF ABSENCE:

3 PETITIONS/DEPUTATIONS/PRESENTATIONS

3.1 KEY ISSUES SURROUNDING GOLDFIELDS EDUCATION

Ken Perris, Regional Executive Director at the Department of Education, will present an overview of the key issues surrounding education within the Goldfields region.

3.2 FUTURE TECHNOLOGY OPPORTUNITIES

A presentation will be given by Jarrod Ramsey, Sales Director at ICTouch, regarding future technology opportunities for the City of Kalgoorlie-Boulder.

4 DECLARATIONS OF MEMBERS' AND OFFICERS' INTEREST

4.1 INTEREST AFFECTING IMPARTIALITY CITY OF KALGOORLIE-BOULDER CODE OF CONDUCT

4.2 FINANCIAL INTEREST LOCAL GOVERNMENT ACT SECTION 5.60A

4.3 PROXIMITY INTEREST LOCAL GOVERNMENT ACT SECTION 5.60B

5 CONFIRMATION OF MINUTES

[Minutes of All Purpose Committee Meeting held on 15 April 2019](#)

That the minutes of the **All Purpose Committee** meeting held on 15 April 2019 be confirmed as a true record of that meeting.

**6 URGENT BUSINESS APPROVED BY THE PERSON
PRESIDING OR BY DECISION**

7 MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil.

8 REPORTS OF OFFICERS

8.1 CHIEF EXECUTIVE OFFICER

8.1.1 DRAFT BUDGET 2019/20

Responsible Officer: John Walker
Chief Executive Officer

Author: John Walker
Chief Executive Officer

Disclosure of Interest: Nil

VOTING REQUIREMENTS

Simple

OFFICER RECOMMENDATION

That the Committee give consideration to the draft budget as presented and consider any changes, additions and subtractions it deems necessary, prior to the budget being presented to Council for adoption

EXECUTIVE SUMMARY

The 2019/20 draft budget has been prepared in accordance with the budget parameters set by Council and incorporates all matters and requests considered by Council to date. It also contains sufficient funding to deliver the works and services capital works and provisions needed to deliver for the community and is in line with our four (4) year business and long term financial plans. The budget assumes a starting point of a surplus in 2018/19 of \$2.15million and delivers a surplus of \$2.2million in 2019/20. Council requested that the budget be framed with a surplus equal to 3% of income rather than the 2% set in previous years; however, this has not been possible due to both the constraints with the budget requests and the requirements under the *Local Government Act 1995*, mandating the general rates collection does not exceed 110% of the budget deficiency. The surplus as presented equals 2.3% of the total income and 109% of the budget deficiency equation.

A full breakdown of all budget lines is circulated under separate cover for your reference.

COMMUNITY STRATEGIC PLAN LINKS

This report links to the Strategic Community Plan through the Community's Guiding Principles:

- Ensure a financially stable local government

BUDGET IMPLICATIONS

The budget papers will set the 2019/20 budget.

REPORT

Under separate cover, the Council has been provided with copies of the Statement of Financial Activity for the year ended 30 June 2020, the Rates Setting Statement, the Cash Backed Reserves Summary and the Detailed Budget Schedule.

The budget is recommended in its current form but open to Council variations.

STATUTORY IMPLICATIONS

There are no statutory implications resulting from the recommendations of this report.

POLICY IMPLICATIONS

There are no policy implications resulting from the recommendations of this report.

COMMUNITY ENGAGEMENT CONSULTATION

No community consultation was considered necessary in relation to the recommendations of the report, however, community consultation is occurring in respect of the rate charges and fees and charges.

8.2 GENERAL MANAGER – INFRASTRUCTURE AND ENVIRONMENT

8.2.1 DRAINAGE CAPITAL WORKS PROGRAM

Responsible Officer:	Stuart Devenish General Manager Infrastructure & Environment
Author:	Stuart Devenish General Manager Infrastructure & Environment
Disclosure of Interest:	Nil

VOTING REQUIREMENTS

Simple

OFFICER RECOMMENDATION

That the Committee recommend Council:

1. Endorse the following drainage works construction program for financial year 2019/20:

Street	Location	Works to be Carried out	19/20
Boulder Rd Stage 1	East to Gilberton (Charles St upstream)	Install new drainage line.	\$200,000
Charles St	MacDonald to White St (Charles St central)	Construct new system to contain 1 in 100 yr flood in road reserve.	\$826,000
Charles Street	Racecourse (Charles St downstream)	Detention basin construction.	\$300,000
Marshall St	Arboretum to O'Connor	Re-align and increase capacity of open drain. Remove power pole near drain alignment.	\$20,000
Kakarra Rd	Number 5	Pipework/pit construction.	\$32,000
Boulder Rd	Number 11	Pipework/pit construction.	\$10,000
Federal Rd	Number 66	Crossover and verge.	\$12,000
Ward St	Number 114	Pipework/pit construction.	\$40,000
Centennial Park	Behind memorial	Re-alignment of drainage channel and path.	\$30,000
Throughout City		Kerb works, verge works and crossovers as required.	\$150,000
Total Cost of Works:			\$1,620,000

2. Convene a public information session for owners/occupiers of Charles Street to address proposed capital works to alleviate impact of stormwater flooding in the locality; and
3. Adopt, as a guide for future budget allocations, the stormwater drainage construction program 2020 to 2024 as set out within the report, noting that no additional funds are required from those previously advised for 2019/20.

EXECUTIVE SUMMARY

The purpose of this report is to update the drainage capital works program for five (5) years to 2024. In doing so, an update is provided on a works schedule previously

endorsed by Council. Changes are proposed to works priorities, scheduling and budget allocations.

A substantially enlarged program of works is proposed to address flooding at Charles Street. This includes an allocation of \$3.08M to undertake works upstream, works at Charles Street itself and works downstream to take water away from private property. A community information session is recommended to explain the proposed works, along with ongoing engagement as works proceed.

Subject to adoption, the financial allocations are included in the 19/20 budget and subsequent forecasts through to year 2024.

COMMUNITY STRATEGIC PLAN LINKS

This report links to the Strategic Community Plan through the Community's Guiding Principles:

- Improve our essential services
- Ensure a sustainable asset and infrastructure base

BUDGET IMPLICATIONS

This report sets out proposed budget allocations as a guide for budget provisioning.

REPORT

Background

Stormwater runoff characteristics in Kalgoorlie-Boulder are well understood. The combination of high-intensity rainfall events and impervious (clay) soils leads to high volume stormwater flows through drainage catchments. Water movement is managed through a combination of open drainage swales (predominantly within the road pavements) and some underground piping. The overall objective is to prevent flooding of private property, and allow movement of water through natural drainage channels. Ongoing capital works are required to reduce flood risk and better manage peak stormwater flows.

In October 2018, Council adopted a program of capital works for the current financial year. The financial allocation for the works totalled \$1.48M across 17 projects (including budgeted projects and an allocation of budget surplus funds). At the same time, Council also adopted as a guide, a schedule of works for future years up to year 22/23. The future program was noted as subject to annual review having regard for newly identified works along with review of priorities, cost estimates and budget allocations.

This report reviews the two project schedules, recommending a revised program to address issues arising.

Details

The two works programs considered by Council last year are now addressed.

Drainage Construction Program – 2018/19

Along with the addition of work at Charles Street (funded through allocation of budget surplus), the priorities in the following table were adopted by Council for the current financial year.

STORMWATER DRAINAGE CONSTRUCTION PROGRAM – 2018/19				
Street	Location	Works to be Carried out	18/19	Status
Gribble Creek	From Hannan to Meldrum	Modify channel & construct flood protection bund along Gribble Creek	\$170,000	Completed/committed.
Speculation Road	East of Sharp	Upgrade culvert to increase flow & reduce flooding	\$75,000	Completed/committed.
Gribble Creek	Speculation Road – detention basin	Raise flood bunds to prevent overtopping onto Speculation and Sharp Roads.	\$60,000	Completed/committed.
Hare / Shaw Streets	Intersection	Upgrade existing drainage infrastructure and crossover.	\$45,000	Completed/committed.
Mafeking Street	At East Kalgoorlie Primary School	Install new drainage system and crossover	\$40,000	Completed/committed.
Boulder Road – Stage 1	East to Gilberton	Install new main drainage line to connect to existing outlet.	\$200,000	Revised program required.
Graeme Street	Numbers 92-96	Replace kerb & footpath, reshape verge to protect homes in Graeme Street.	\$25,000	Completed/committed.
Forrest Street	Number 100	Replace table drains & crossover to prevent property flooding.	\$25,000	Completed/committed.
Collins Street	IGA	Replacing drainage pipes with higher capacity system	\$5,000	Completed/committed.
Varden Street	Number 238	Replace kerb & crossover to stop stormwater going into ROW.	\$14,000	Completed/committed.
Ward Street	Number 114	Design & install drainage system to protect properties in Ward Street.	\$40,000	Revised program required.
O'Connor Street	Borromei – Gouge Streets	Install drainage line to connect to existing & protect properties.	\$50,000	Revised program required.
Boulder Road	Number 11	Install drainage line to protect property from flooding.	\$20,000	Completed/committed.
Marshall Street	Tennis Club	Replace undersized pipe.	\$10,000	Completed/committed.
Boulder Road	Numbers 213-225	Install new drainage system to protect properties.	\$60,000	Revised program required.
Charles Street	Central segment	Increase stormwater holding and outflow capacity	\$620,000	Revised program required.

The above works that require program revision are described:

- Boulder Road – Stage 1: programming has been delayed through procurement processes, and is rescheduled for late 2019 calendar year.

- 114 Ward Street: works require an easement on private property. Easement processes cannot be completed until late 2019. The project is relisted for completion in 2019/20.
- O'Connor Street – Borromei – Gouge Streets: this work is proposed to be included within the scope of the Boulder Road works – stage 2.
- 11 Boulder Road: works require an easement on private property. Easement processes cannot be completed until late 2019. The project is relisted for completion in 2019/20.
- 213-225 Boulder Road: This work is downstream of land under control of KCGM. KCGM has indicated intention to construct a detention dam which reduces the need and associated priority of the planned work.
- Charles Street: refer to discussion below.

Charles Street Drainage

Various measures have been put in place over the years to help redirect and disperse stormwater arriving at Charles Street. This includes changes to road levels to re-direct water, installation of side entry pits and underground pipework, and overland flow paths.

As changes have occurred in the area, the amount of water runoff and directions of that runoff change. Dependent on the nature of rainfall events, these various factors combine to cause flooding of private property – including property/extent of flooding not previously experienced.

Factors contributing to flooding at Charles Street are complex, and further investigation and detailed design has found that works, in isolation, will not solve flooding issues.

Solutions

The solution to drainage issues at Charles Street requires three areas to be addressed:

1. Upstream: knowing where the water is coming from and 'holding-back' or diverting where possible;
2. Charles Street: increasing the capacity of Charles Street itself to hold water and effectively remove this water; and
3. Downstream: enable water to continue to flow away from Charles Street in the direction of Gribble Creek.

Dealing with one of the three issues alone will not solve the problem. For example, new works at Charles Street will not alleviate flooding without the ability to move the water downstream through the race course.

Considerable engineering design work has been undertaken for works at Charles Street as budgeted for within the current financial year. As the design has progressed, it has become apparent that this work, in isolation, will cause flooding

from the rear of Charles Street properties – creating a different problem. For this reason, the work has been held until a comprehensive solution can be achieved as now outlined.

Upstream Strategy

Hydrological modelling has been undertaken to define the catchment contributing to flooding at Charles Street. This catchment extends north-east to Brown Avenue (adjacent Goldfields Highway) and covers an area of 127 hectares.

Works within this catchment that will ease Charles Street include:

- Modifying the levels at the Egan/Lionel streets roundabout to divert water away from Charles Street towards Meldrum Avenue; and
- Install pipe drainage at Boulder Road to divert water to the south-east – away from the Charles Street catchment.

Charles Street Strategy

This approach involves removing water from the road pavement by catching (side-entry pits) and diverting water away. It also involves increasing the water holding capacity of the roadway itself to lessen overflow risk to private property. Works to achieve this include:

- Lowering the road surface;
- Increasing crossover heights;
- Increasing kerb heights;
- Increasing the capacity of pits and pipes;
- Increasing culvert capacity;
- Increasing channel capacity with the parkland; and
- Removing clogging obstruction at the park.

Downstream Strategy

Engineering services have engaged with the racecourse owners to reach agreement on a range of works that will allow water to move away from Charles Street. This works include:

- Constructing a detention basin immediately south of Charles Street and north of the racecourse;
- Installing pipework to an existing circular basin at the racecourse infield; and
- Undertaking works that will facilitate overland flow of water.

The works described above are planned to be undertaken within the following allocations and timeframes:

Work Component	Location and Timing	Allocation
Upstream	Boulder Road works – 19/20-21/22	\$1,050,000
Charles Street	Road and pipe work – 18/19-21/22	\$1,200,000
Downstream	Racecourse works – 19/20-23/24	\$830,000
		\$3,080,000

In addition to the works identified within the above program, further measures can be explored in the future including holding water (delaying movement) within the wider road pavements in the catchment, and detaining water within parklands. These measures would help to reduce downstream peak flows and lower flood levels.

A revised stormwater drainage construction program for five (5) years ending 23/24 is recommended reflecting the changes outlined above.

Community Engagement – Charles Street

Various landowners at Charles Street have been in contact with the City to address issues and find out what can be done. Some owners have cited particular changes in the upstream catchment that have intensified flooding, and have provided officers with a good understanding of circumstances.

To help keep residents informed of plans that have now been prepared in response to the issues, a public information session is proposed. This will allow works in the catchment as a whole to be explained, questions answered and timing/scheduling outlined.

Communications would involve a circular to residents at Charles Street inviting attendance at a public information session. Upon commencement of actual construction affecting Charles Street, further resident communication will be conducted regularly as required.

Burton Place

Property at 4 Burton Place has been subject to repeat flooding. On three occasions (10 February 2017, 2 March 2018 and 10 December 2018), stormwater entered the dwelling requiring replacement of carpets, hard floors, kitchen and built in robes along with personal belongings. The home has been uninhabitable for a period following these events.

Burton Place runs parallel to Hawkins Street. Stormwater coming down Varden Street hits Hawkins Street and continues through private property to 4 Burton Place. Development on properties in the vicinity has helped funnel water toward this property, resulting in repeated flood events.

The possible acquisition of this property by the City will be subject to a separate report to Council.

Drainage Construction Program – 2018/19 to 2023/24

An updated 5-year works program is proposed to guide ongoing budget allocations according to works priorities. The table below shows the previously endorsed program, identifies proposed changes (marked amendments) and incorporates new/rescheduled initiatives. Key changes to note are:

- Works continuing from 18/19 program are re-listed;
- Boulder Road works are reduced from 4 stages to 3;
- Projects are postponed where higher priority works are identified; and
- Four Gribble Creek projects with a combined value of \$940,000, originally programmed for 20/21 and 21/22 have been delayed. The suggested change

of priorities is based on solving immediate drainage issues while recognising that Gribble Creek will continue to need further improvements on a longer term basis. Many of the proposed new drainage projects will have a positive impact on peak flows through Gribble Creek by slowing down and holding storm water and attenuating flows. Delayed works will be included in future programs.

STORMWATER DRAINAGE CONSTRUCTION PROGRAM – 2019-2024							
Street	Location	Works to be carried out	19/20	20/21	21/22	22/23	23/24
Current Endorsed Schedule with Proposed Amendments Marked							
Boulder Rd – Stage 2	Gilberton to Connelly	Completion of new drainage line construction from Stage 1.	\$390,000	\$450,000			
Charles St	MacDonald to White St	Construct new system to contain 1 in 100 yr flood in road reserve, and detention basin in racecourse.	\$490,000 \$1,126,000*				
Martin St	Channel near depot	Construct bund parallel to drain to prevent flooding of the depot	\$20,000				
Boulder Rd – Stage 3	Gilberton to Connelly	Construction drainage to connect other side of road to drainage line from Stages 1 & 2		\$120,000	\$400,000		
Gribble Creek	Vivian to Johnston	Modify channel to reduce extent of flooding at properties along Creek		\$450,000			
Gribble Creek	At the cemetery	Extend flood bund to stop break out flows from entering cemetery.		\$70,000			
Kalgoorlie Golf Course	Channel and Ponds	Widen & deepen channel in Golf Course & bunding around ponds.		\$100,000	\$100,000		
Boulder Rd – Stage 4	Connelly to Roberts	Completion of new main drainage line construction from Connelly Street			\$320,000 (include in stage 3)		
Gribble Creek	Upstream of Johnston Street	Modify channel for reduced depth of flow and extent of flooding			\$200,000		
Gribble Creek	Golf Course – Ray Finlayson	Widen and deepen channel to reduce flooding.			\$220,000		
Colgan Road	Channel parallel to Colgan Road	Redirect nth-sth channel into channel beside Colgan St to protect land west of Speculation.			\$90,000 (not required due to KCGM basin)		
Detention Basin – Stage 1	South of Racecourse	Increase capacity of the basin to reduce downstream flooding				\$900,000	\$500,000
Proposed New Initiatives or Re-Scheduled Works							
Boulder Rd Stage 1	East to Gilberton	Install new drainage line	\$200,000				
Marshall St	Arboretum	Re-align and increase	\$20,000				

	to O'Connor	capacity of open drain. Remove power pole near drain alignment.					
Kakarra Rd	Number 5	Pipework/pit construction.	\$32,000				
Boulder Rd	Number 11	Pipework/pit construction.	\$10,000				
Federal Rd	Number 66	Crossover and verge	\$12,000				
Ward St	Number 114	Pipework/pit construction.	\$40,000				
Centennial Park	Behind memorial	Re-alignment of drainage channel and path.	\$30,000				
Hare Street	Number 30	Kerbs and crossovers		\$20,000			
Rosenburg Ct	Number 23	Kerbs and crossovers		\$10,000			
White St	Number 12	Kerbs and crossovers		\$20,000			
Lionel St	Number 38	Kerbs and crossovers		\$20,000			
Rhodes St	Number 34	Kerbs and crossovers		\$20,000			
Memorial Dve	Number 1 to Ward Street	Removal of underground pipes		\$20,000			
Bourke St	Number 218	Verge and Crossover		\$12,000			
Moss St	Number 6-12	Reprofile of Road		\$100,000			
O'Connor St	Number 9	Pipe and side entry pit installations		\$150,000			
Racecourse	Adjacent Charles Street	Culvert construction			\$30,000		
Cotter St	Hare to Campbell	Kerb and crossovers			\$20,000		
Goldfields Highway	Northside of intersection Boorara and Goldfields Highway	Detention basin – stage 1 of KCGM basin			\$100,000		
Piccadilly Dam	Throssell Street inlet	Debris trap			\$100,000		
Throughout City		Kerb works, verge works and crossovers as required	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Varden Street	Central	Detention basis				\$750,000	
Oberthur St	Wilson to President	Detention basin – stage 2 of KCGM basin					\$200,000
			\$1,620,000	\$972,000	\$900,000	\$900,000	\$850,000

*: Charles Street works involves an additional \$274,000 as proposed within the road works budget allocation.

The above program is to be reviewed annually, ahead of budget preparation for the following financial year. Any changes will be based on newly identified works, along with a review of overall priorities, cost estimations and budget allocations.

STATUTORY IMPLICATIONS

There are no statutory implications resulting from the recommendations of this report.

POLICY IMPLICATIONS

There are no policy implications resulting from the recommendations of this report.

COMMUNITY ENGAGEMENT CONSULTATION

Engagement with residents affected by stormwater flooding within the Charles Street catchment is proposed as part of this report.

9 CONFIDENTIAL ITEMS

Nil.

10 DATE OF NEXT MEETING

The next All Purpose Committee Meeting will be on Monday 17 June 2019.

11 CLOSURE