



SHIRE OF
DOWERIN
TIN DOG TERRITORY

AGENDA

Asset & Works Committee Meeting

To be held in Council Chambers
13 Cottrell Street, Dowerin WA 6461
Monday 6 February 2023
Commencing 2.00pm

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NOTICE OF MEETING

Dear Asset & Works Committee Members,

The next Asset & Works Committee Meeting of the Shire of Dowerin will be held on Monday 6 February 2023 in the Shire of Dowerin Council Chambers, 13 Cottrell Street, Dowerin commencing at 2.00pm.

Rebecca McCall
Chief Executive Officer
1 February 2023

DISCLAIMER

Statements or decisions made at this meeting should not be relied or acted on by an applicant or any other person until they have received written notification from the Shire. Notice of all approvals, including planning and building approvals, will be given to applicants in writing. The Shire of Dowerin expressly disclaims liability for any loss or damages suffered by a person who relies or acts on statements or decisions made at a Council or Committee meeting before receiving written notification from the Shire.

The advice and information contained herein is given by and to Council without liability or responsibility for its accuracy. Before placing any reliance on this advice or information, a written inquiry should be made to Council giving entire reasons for seeking the advice or information and how it is proposed to be used.

It should be noted that the Attachment hyperlinks may not be functional from this document when sourced from the Shire of Dowerin's website. Attachment copies follow on at the end of the Agenda and Minutes.

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9.	Urgent Business Approved by the Person Presiding or by Decision
10.	Date of Next Meeting
11.	Closure

Shire of Dowerin
Asset & Works Committee Meeting
2:00pm 6 February 2023



1. Official Opening

2. Record of Attendance / Apologies / Leave of Absence

Committee Members:

Cr RI Trepp
Cr AJ Metcalf
Cr JC Sewell

Staff:

Ms R McCall	Chief Executive Officer
Mr A Wooldridge	Deputy Chief Executive Officer
Ms L Dreghorn	Executive & Governance Officer
Mr B Forbes	Asset & Works Coordinator

Apologies:

Approved Leave of Absence:

3. Public Question Time

4. Disclosure of Interest

Committee Members are to complete a Disclosure of Interest Form for each item they are required to disclose an interest in. The Form should be given to the Presiding Member before the meeting commences. After the meeting, the Form is to be provided to the Executive & Governance Officer for inclusion in the Disclosures Register.

5. Confirmation of Minutes of the Previous Meeting(s)

Asset & Works Committee Meeting held on 9 August 2022


Attachment 5.1A

6. PRESENTATIONS

Nil

7. OFFICER'S REPORTS

7.1 Regional Road Group (RRG) 5 Year Plan – Proposed Amendment

<h1>Asset & Works</h1>		 SHIRE OF DOWERIN TIN DOG TERRITORY
Date:	30 January 2023	
Location:	Not Applicable	
Responsible Officer:	Rebecca McCall, Chief Executive Officer	
Author:	As Above	
Legislation:	<i>Local Government Act 1995</i>	
Sharepoint Reference:		
Disclosure of Interest:	Nil	
Attachments:	Attachment 7.1A - RRG 5 Year Amended Plan	

Purpose of Report



Executive Decision



Legislative Requirement

Summary

This Item presents the Regional Road Group (RRG) 5 Year Plan – Proposed Amendment to the Asset & Works Committee for consideration and, if satisfactory, recommendation to Council for adoption.

Background

There are 10 Regional Road Groups (RRG) in WA, established under the State Road Funds to Local Government Agreement which is overseen by a State Advisory Committee (SAC). The RRGs make recommendations to the SAC regarding the Annual Local Road Program for the region.

The RRG's are comprised of elected representatives from each Local Government within the road group. Most groups are supported by a sub-group or technical committee comprised of Local Government staff. Administrative support is provided by Main Roads WA. RRGs importantly provide Local Government with a voice on how the State Government's contribution to local roads is spent. RRG members serve a vital and valuable role in ensuring road funding decisions maximise community benefit and preserve and improve the public road network across Western Australia.

A RRG is responsible for:

- assessing road-funding submissions from its member local governments;
- the annual distribution of funds to local government roads; and
- monitoring and reporting on the effectiveness of applying funds to local government roads in its regions.

A RRG may establish a Regional Road Sub-Group to:

- assist to identify road funding priorities;
- consider local road issues to inform decision making by the RRG; and
- provide advice to the RRG.

Local Governments (via RRG) work collaboratively to review their local road network to produce an agreed strategic approach to allocate limited funding across the extensive local road network in WA.

Road Project Grants are to be used for specific projects that are assessed and prioritised by the Regional Road Groups in accordance with the State Road Funds to Local Government Procedures and the Roads 2030 Regional Strategies for Significant Local Government Roads. Funding is on a 2/3 State and 1/3 Local Government basis. Allocations are based on a five-year program.

Comment

The RRG Five (5) Year Program was presented to the Committee at its August 2022 meeting for consideration and endorsement to Council. At the 16 August 2022 Ordinary Council Meeting, Council adopted the RRG Five Year Program (CMRef 0645).

Inspections of local distributor roads identified that the floodway on the Koorda-Wongan Hills Road has failed posing a risk to all road users. After consultation with external specialists, this floodway was deemed a priority for repair. It is recommended to amend the RRG program to accommodate the floodway repair to be undertaken in 2023/2024. This will result in the deferment of the reconstruction of a section of the Cunderdin-Minnivale Road.

Consultation

Rebecca McCall, Chief Executive Officer
Aaron Wooldridge, Deputy Chief Executive Officer
Ben Forbes, Asset & Works Coordinator
Allison Hunt, Main Roads WA

Policy Implications

Shire of Dowerin Road Strategy 2021

Strategic Implications

Strategic Community Plan

Community Priority: Our Organisation

Objective: We are recognised as a transparent, well governed, and effectively managed Local Government

Outcome: 5.3

Reference: 5.3.1

Community Priority: Our Infrastructure

Objective: We have functional infrastructure that meets the needs of the community

Outcome: 3.2

Reference: 3.2.1

Asset Management Plan

Identified key controls and actions associated with asset management are factored into the Asset Management Plan.

Long Term Financial Plan

Identified key controls and actions associated with financial management are factored into the Long Term Financial Plan.

Statutory Implications

The *Local Government Act 1995*

Risk Implications

Risk Profiling Theme	Asset Management Practices
Risk Category	Project Time
Risk Description	\$50,001 - \$200,000
Consequence Rating	Moderate (3)
Likelihood Rating	Unlikely (2)
Risk Matrix Rating	Moderate (5)
Key Controls (in place)	RRG 5 Year Plan AMP and LTFP
Action (Treatment)	Regional Road Sub-Group Meetings
Risk Rating (after treatment)	Adequate

Financial Implications

Nil

Voting Requirements



Simple Majority



Absolute Majority

Officer's Recommendation

That, in accordance with the *Local Government Act 1995*, the Asset & Works Committee:

- 1. Receives the Regional Road Group 5 Year Amended Plan, as presented in Attachment 7.1A; and**
- 2. Recommends to Council that it adopts the Regional Road Group 5 Year Amended Plan.**

Please note that the Asset & Works Committee does not have delegated authority to make decisions. All recommendations of the Asset & Works Committee are presented to Council for ratification.

9. Questions from Members

10. Urgent Business Approved by the Person Presiding or by Decision

11. Date of the Next Meeting

12. Closure



SHIRE OF
DOWERIN
TIN DOG TERRITORY

Asset & Works Committee Workshop

Agenda
9 August 2022



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Glossary of Terms

CEO	Chief Executive Officer
DCEO	Deputy Chief Executive Officer
AWC	Asset & Works Coordinator
A&W	Asset & Works

1. PRESENTATIONS

Nil

2. PREVIOUS WORKSHOP - STATUS OF QUERIES AND ACTIONS

Nil

3. ITEMS

3.1 Maintenance Grading

Winter Grading

Holberton Earthmoving were engaged to carry out winter grading. A good outcome was achieved with a double cut followed by compaction with a roller. [Attachment 3.1A](#) outlines the roads graded and the total kilometres.

Summer Grading Proposal

[Attachment 3.1A](#) outlines a proposal for the summer grading program. The road maintenance budget has insufficient funds to carry out summer grading. It is proposed to transfer the necessary funds from the newly created Road & Infrastructure Reserve.

Recommendation

It is proposed that we seek via tender to engage a suitably qualified and experienced road construction contractor to undertake maintenance grading for a 12-month period:

Program	Days	Period	Scope
Summer Grading	25	November-December 2022	Maintain surface
Winter Grading	25	May-June-July-August 2023	Two graders working in tandem
Shoulder Grading	20	TBD	TBD (sealed roads only)

The tender process will enable the Shire to select a contractor to carry out the works on the basis of:

- Experience and qualifications
- Availability and resources
- Best value for money

In consideration of our unsealed road network of 773.4kms, the Committee is requested to advise the scope for shoulder, summer and winter grading 2022/2023;

- Days of grading
- Quadrant of Shire

3.2 Gravel Royalties

Research was undertaken to attain a comparison of gravel royalties within the region. This information is supplied for interest.

Shire	Price Per Cubic Meter (ex GST)
Dalwallinu	\$2.00
Dowerin	\$2.00
Goomalling	\$3.00
Koorda	\$0.66

Kellerberrin	\$0.91
Mount Marshall	\$2.00
Mukinbudin	\$0.88
Narrogin	\$1.00
Quairading	\$1.88
Tammin	\$2.00
Trayning	\$3.00
Westonia	\$1.00

3.3 Gravel Pits

Rehabilitation of Pits

Policy 4.2 Gravel, Sand and Clay Supplies and Pit Rehabilitation recognises the Shire's necessity to rehabilitate pits. Moving forward, rehabilitation of open pits will be factored into the annual budget.

Abandoned Pits

Policy 4.2 Gravel, Sand and Clay Supplies and Pit Rehabilitation outlines the Shire's commitment to rehabilitate abandoned pits.

1. As part of its annual budget deliberations, Council will determine an amount specifically for the rehabilitation of abandoned pits. This will take into account, a works program to ensure that over time, all abandoned pits are rehabilitated to a satisfactory level.
2. The method for rehabilitation will not change from that mentioned in the section on current pits.
3. If fill is no longer available, spoil from roadworks etc. will be used. Topsoil, if no longer on site, will be carted to the area to ensure regeneration will be satisfactory; and
4. The site will be monitored every year for three years after rehabilitation works. If rehabilitation is inadequate, appropriate measures will be taken to ensure success.

To date there has been no allocations of funds in the annual budget to undertake rehabilitation of abandoned pits. For the purpose of forward planning there is a need to;

- identify the abandoned pits locations;
- liaise with the property owner;
- cost the rehabilitation of each abandoned pit;
- formulate a plan to fund and carry out works.

Committee members are requested to work with the Asset & Works Coordinator (AWC) to identify the abandoned pit locations.

3.4 Plant Replacement Program

It was decided during budget deliberations to assess the plant and ascertain what is required to carry out works efficiently and effectively. Management recommends a staged approach is taken due to short-term needs and limited supply within the market.

[Attachment 3.4A](#) details 3 plant replacement programs V1 & V2 previously presented to Council and rejected). As a starting point, the CEO and AWC would like to discuss the V3 and light fleet proposal. Quotations sourced to date are contained in [Attachment 3.4B](#).

A full list of light, fleet and trailers detailed in [Attachment 3.4C](#).

3.5	Plant Repair
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[Attachment 3.5A](#) provides a very brief snapshot of pending repairs for light fleet and plant. The AWC will brief Members to assist discussion and determine a way forward.

The AWC will also discuss the option to modify D003 or D004 with a pintle hook.

3.6	Future Meetings
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Members are requested to provide guidance of how to proceed with future meetings to ensure members have access to relevant information and adequate time to discuss options to enable informed decision making.

4. FUTURE COMMITTEE MEETING AND WORKSHOP ITEMS

An opportunity to raise any items for future consideration.

Month	Project	Owner	Status/ Update
September			
October			

Regional Road Group 5- Year Program

2022/2023

Koombekine North Rd SLK 2.28 – 4.45

Koombekine North Road is a local distributor road with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and Cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.5m width. Remove regrowth vegetation on gravel shoulders and from existing table drains.

Cunderdin Minnivale Rd SLK 0.00 – 4.84

Cunderdin Minnivale Rd is a local distributor road with severe edge breaks and damaged shoulders. Proposed works are to box out shoulders to 100mm x 1.5m, import new quality gravel, compact and define drainage.

2023/2024

Koombekine North Rd SLK 4.45 – 6.62

Koombekine North Road is a local distributor road with with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and Cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.5m width. Remove regrowth vegetation on gravel shoulders and from existing table drains. We will extend one 375mm culvert located at SLK 6.14 by 1m each side and install new headwalls. We will then also extend one 300mm culvert located at SLK 4.08 by 1m each side and install new headwalls. Located at SLK 4.61 - 4.75 we propose to cut crest to improve line of site.

Koorda Wongan Hills Road SLK 22.62 - 22.75 & SLK 23.00-23.06

Koorda Wongan Hills Road is a regional distributor road within the Shire of Dowerin. A floodway between SLK 22.62 - 22.75 has failed and a section on the southern side between SLK 23.00-23.06 has failed. From inspection we have concluded that the current culvert is in the incorrect location and as a result water has not been able to drain away, causing the subbase and basecourse to become waterlogged resulting in pavement failure. The proposed works are to remove regrowth vegetation between SLK 22.62 - 22.75 on gravel shoulders and from existing table drains, remove existing culvert, backfill, and compact. Install a new culvert and headwalls at the correct location including rock amour on the downstream side. Back fill each verge to finished level of floodway and compact. Import 50mm of fresh gravel overlay with an additional 20mm aggregate to strengthen basecourse. Cement Stabilise existing floodway with 2.5% cement to a depth of 300mm, balance compact and final trim. Two coat seal C170 Bitumen 14mm/10mm aggregate. Install floodway signage and guideposts. Then between SLK 23.00-23.06 we propose we Import 50mm of fresh gravel overlay with additional 20mm aggregate to strengthen basecourse. Cement Stabilise existing with 1.5% cement to a depth of 300mm, balance compact and final trim. Two coat seal C170 Bitumen 14mm/10mm aggregate.

2024/2025

Cunderdin Minnivale Rd SLK 25.66 – 26.92

Cunderdin Minnivale Rd is a local distributor road with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.4m width. Remove regrowth vegetation on gravel shoulders and from existing table drains. We also propose to construct a 12m long flood wall on the downstream eastern side of the road 1.2m deep by 300mm thick with reinforced mesh to protect road edge from severe floodway washout.

Dowerin Meckering Rd SLK 17.57 – 18.45

Dowerin Meckering Road is a local distributor road with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and Cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.5m width. Remove regrowth vegetation on gravel shoulders and from existing table drains. This section of road currently has an approximate 7.2m width and will link up on the northern side of the proposed intersection works that will be completed under the Black Spot Project at Hindmarsh Back Rd and Dowerin Meckering Rd.

2025/2026

Dowerin Meckering Rd SLK 24.26 - 25.61

Dowerin Meckering Road is a local distributor road with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and Cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.5m width. Remove regrowth vegetation on gravel shoulders and from existing table drains. This section of road has several uneven sections which when hit at the speed limit in a heavy vehicle causes severe vehicle movement due to the dips in the pavement which are a safety concern.

Cunderdin Minnivale Rd SLK 7.12 - 8.52

Cunderdin Minnivale Rd is a local distributor road with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.4m width. Remove regrowth vegetation on gravel shoulders and from existing table drains.

2026/2027

Dowerin Meckering Rd SLK 15.85 - 17.35

Dowerin Meckering Road is a local distributor road with severe edge breaks and some wheel rutting from heavy vehicles. Proposed works are to overlay with quality gravel, wet mix and Cement stabilise pavement at 1.5% with a stabilising machine to then apply a two-coat seal at 7.5m width. Remove regrowth vegetation on gravel shoulders and from existing table drains. This section of road currently has an approximate 7.2m width and will link up on the southern side of the proposed intersection works that will be completed under the Black Spot Project at Hindmarsh Back Rd and Dowerin Meckering Rd.

Cunderdin Minnivale Rd SLK 20.40 - 22.70

Cunderdin Minnivale Rd is a local distributor road used regularly by heavy vehicles. Proposed works are to conduct a 7.4m Reseal of this section of road to aid in the preservation of this section of road as it has become porous, brittle, and slippery due to UV exposure. Failure to reseal will result in small cracks developing allowing water to seep into the road pavement, causing potholes and road failure to form.