

2021-22 ANNUAL BUSINESS PLAN

DRAFT FOR CONSULTATION

Roads Program



Identification

As a commitment towards delivery of the Council's Strategic Plan, a comprehensive Roads Program is planned for 2021-22 that contributes positively to maintaining and improving our transport infrastructure.

The proposed expenditure in 2021-22 will be in the order of \$3,193,500 on:

- Unsealed Road Re-Sheeting;
- Sealed Road Re-Sealing; and
- Sealed Road Pavement Re-Construction.

The Purpose

To provide a reliable, safe and accessible road network and renew Councils Road Infrastructure in a sustainable manner.

Current Condition

Detailed condition assessments of all roads within the network are undertaken regularly to measure defects, hazards and structural weaknesses that indicate the level of deterioration, which informs timing for interventions and treatments. This information together with the Road Hierarchy forms the basis for Council's Asset Management Plan for roads, that prioritises road segments and helps identify an annual work program.

It is noteworthy that, currently, Council roads have an Overall Condition Indexation (OCI) rating within appropriate and acceptable limits, with the sealed road networks being overall in good condition.



Rural Road Re-Sheet Program

The Rural City of Murray Bridge has 525km of unsealed rural roads in its network and re-sheets between 25 and 30km of unsealed rural roads each year resulting in a renewal intervention frequency of approximately 20 years.

In addition Council has embarked on a multi-year project that will see the secondary freight network expanded throughout the region to support various industry including but not limited to agriculture, horticulture and intensive animal keeping and processing. This project aims to expand the sealed road network and provide a high mass freight access (B Double access) to the farm gate.

In 2021-22 Council is proposing to Resheet the following roads at a cost of \$1,092,100:

Road	Segment Description
White Hut Rd	Segment : 30 - Rathjen Rd to Kittelty Rd
Bretag Rd	Segment : 10 - Palmer Rd to Railway Line Segment : 20 - Railway Line to Pallamana Rd
Thomas Cres	Segment : 20 - Jaensch Rd to 1840m east Jaensch Rd
Russell Rd	Segment : 10 - Eucalyptus Rd to Bowhill Rd
Chapman Bore Rd	Segment : 10 - Bullers Rd to Karoonda Rd Segment : 20 - driveway 2250m north Orland Rd to Bullers Rd Segment : 30 - 2170m north Orland Rd to driveway 2250m north Orland Rd Segment : 40 - Orland Rd to 2170m north Orland Rd
Patterson Rd	Segment : 10 - 67m north Thiele Rd to 2164m north Thiele Rd Segment : 20 - 2160m north Monarto Rd to Anders Rd
Richards Rd	Segment : 10 - Brinkley Rd to driveway 2100m east Brinkley Rd Segment : 20 - driveway 2100m east Brinkley Rd to 1600m west Flagstaff Rd Segment : 30 - 1600m west Flagstaff Rd to Flagstaff Rd <i>(to be considered for sealing under R2R, potential minor realignment)</i>
Koehler Rd	Segment : 10 - Usher Rd to 1902m north Usher Rd
Schenke Rd	Segment : 10 - Flagstaff Rd to 1686m east Flagstaff Rd
McRae Rd	Segment : 30 - McCulloch Rd to 1654m west McCulloch Rd

In addition, Council will reconstruct and seal Maurice Road between Old Princes Highway and the end of the existing seal to improve freight access and expand the planned secondary freight network. This project will be 100% funded through external sources.



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Sealed Road Re-Sealing & Reconstruction Program

The Rural City of Murray Bridge has 525km of unsealed rural roads in its network and re-sheets between 25 and 30km of unsealed rural roads each year resulting in a renewal intervention frequency of approximately 20 years.

The primary purpose of a bitumen seal is to provide weatherproof protection for the underlying pavements. Over time, seals break down and require renewal while the underlying pavement remains in good condition. Re-sealing provides a new surface, improved texture (grip) and greater weatherproofing characteristics.

In additions to resealing, sealed road pavements require reconstruction once the underlying pavement has reached the end of its useful life. Pavement reconstruction requires the renewal of the seal, rubble pavement and often the underlying subgrade in order to strengthen the road. This then allows for higher mass and higher volume traffic loads to use the road.

In 2021-22, the Council is proposing to renew the following sealed roads at a cost of \$2.1M

Road	Segment Description & Treatment
Fuschia and Clipsal Road	Intersection reconstruction and kerb maintenance
Chaucer, Lugard and Askew	Pavement sealing, kerbing and minor stormwater
East Tce and Olympic Intersection	Pavement reconstruction, junction improvements, kerbing and landscape
Kuchel Road - Mypolonga and Mallee Intersection	Intersection reconstruction and apron sealing
Kintore Ave	Full pavement reconstruction and seal including kerb renewal
Long Flat Rd	Pavement rehabilitation and seal renewal
Maurice Rd	Pavement stabilization and seal renewal
Adelaide Rd Cemetery	Kerb renewal and pavement rehabilitation
Bremer Rd Cemetery	Kerb renewal and pavement rehabilitation
Ferries McDonald Rd	Pavement rehabilitation and seal renewal
Carawatha Drive	Seal renewal
Bow Hill Rd	Seal renewal
Rural Ave	Trench reinstatement and seal renewal
Cooke Street	Traffic management and kerb expansion



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Strategic Contribution

In order for the Rural City of Murray Bridge to deliver on its four strategic themes, a budget allocation of \$3,192,100 has been proposed to renew Councils Road Infrastructure for the 2021-22 Annual Business Plan and Budget.

	Valued Environment	Great People and Lifestyle	Dynamic Economy	Connected Communities
Primary	Enlivened community spaces 1.1.3 Improved connectivity and accessibility through expansion of footpath networks, cycling and walking trails	Healthy active communities 2.4.2 Encourage participation in active living and provide connection to our open spaces through delivery and promotion of recreational trails	Attractive Murray Bridge 3.1.3 Improve attractiveness and linkages within the city centre Effective economic infrastructure 3.4.2 Improve access to local and external markets through provision of transportation routes and infrastructure	
Secondary	Enlivened community spaces 1.1.1 Town entrances are enhanced and beautified	A modern city with country charm 2.1.3 Deliver contemporary Council services, taking advantage of technology advances and updated service provision methods		Connecting places through public transportation 4.4.1 Ensure appropriate levels of transport and connectivity between attractions, townships and service centres such as Mount Barker and Adelaide

Relevant Strategies

- Asset Management Plan - Civil and Transport Infrastructure 2019-2024

****Please Note*** Program may be subject to change during financial year due to external factors and resource availability*



Michael Sedgman
Chief Executive Officer