



AGENDA

FOR ASSET MANAGEMENT SUB COMMITTEE MEETING TO BE HELD ON

11 JULY 2022 AT 6.30 PM

**IN WITTBER & DR RUBY DAVY ROOMS, SALISBURY COMMUNITY HUB,
34 CHURCH STREET, SALISBURY**

MEMBERS

Cr B Brug (Chairman)
Mayor G Aldridge (ex officio)
Cr L Braun
Deputy Mayor, Cr C Buchanan
Cr D Hood (Deputy Chairman)
Cr S Ouk
Cr S Reardon

REQUIRED STAFF

Chief Executive Officer, Mr J Harry
General Manager City Infrastructure, Mr J Devine
Manager Governance, Mr R Deco

APOLOGIES

LEAVE OF ABSENCE

PRESENTATION OF MINUTES

Presentation of the Minutes of the Asset Management Sub Committee Meeting held on 09 May 2022.

REPORTS

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QUESTIONS ON NOTICE

There are no Questions on Notice

MOTIONS ON NOTICE

AMSC-MON1	Regulated and Significant Tree Removal Process.....	297
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OTHER BUSINESS

(Questions Without Notice, Motions Without Notice, CEO Update etc)

CLOSE



**MINUTES OF ASSET MANAGEMENT SUB COMMITTEE MEETING HELD IN
WITTBER & DR RUBY DAVY ROOMS, SALISBURY COMMUNITY HUB,
34 CHURCH STREET, SALISBURY ON**

9 MAY 2022

Minutes of the Asset Management Sub Committee Meeting 9/05/2022

MEMBERS PRESENT	Cr B Brug (Chairman) (<i>via Microsoft Teams</i>) Mayor G Aldridge (ex officio) Cr L Braun (<i>via Microsoft Teams</i>) Cr S Reardon
OBSERVERS	Cr J Woodman Cr G Reynolds Cr K Grenfell
STAFF	Chief Executive Officer, Mr J Harry Acting General Manager City Infrastructure, Mr D Roy Manager Governance, Mr R Deco Minute Taker, Ms S Howley

The meeting commenced at 6:30pm.

The Chairman welcomed the members, staff and the gallery to the meeting.

APOLOGIES

Apologies were received from Cr C Buchanan, Cr D Hood (Deputy Chairman) and Cr S Ouk.

LEAVE OF ABSENCE

Nil.

PRESENTATION OF MINUTES

Moved Cr L Braun
Seconded Cr B Brug

The Minutes of the Asset Management Sub Committee Meeting held on
11 April 2022, be taken as read and confirmed.

CARRIED

REPORTS

AMSC1 Future Reports for the Asset Management Sub Committee

Moved Cr S Reardon
Seconded Cr L Braun

That Council:

1. Notes the report.

CARRIED

AMSC2 Footpath on Hemming Street, Parafield Gardens

Moved Mayor G Aldridge
Seconded Cr L Braun

That Council:

1. Notes that urgent maintenance works to rectify major hazards has been completed along Hemming Street, Parafield Gardens.
2. Notes that renewal works to lift and relay a section of the footpath has been scheduled for the end of 2022.

CARRIED

AMSC3 Strategic Asset Management Plan - Drainage Assets

Moved Cr L Braun
Seconded Mayor G Aldridge

That Council:

1. Approves the following asset Hierarchy for Drainage assets into:
 - 1.1 Major Drainage Assets
2. Approves the following Criteria for Drainage systems:
 - 2.1 Major Drainage Assets:
 - 2.1.1 Number of houses at risk of flooding in a 1 in 100 year event
 - 2.1.2 Quality of stormwater entering the ocean (tonnes of sediment/year)
 - 2.2 Minor Drainage Assets:
 - 2.2.1 Nuisance Flooding in streets (depth and duration of ponding in streets)
 - 2.2.2 Quality of stormwater

CARRIED

QUESTIONS ON NOTICE

There were no Questions on Notice.

MON1 Motion on Notice: Montague Farm Estate, Pooraka - Parking Study

Moved Cr B Brug
Seconded Cr L Braun

That Council:

1. Request that Administration prepare a report for the June 2022 Urban Services meeting outlining the costs associated with undertaking a comprehensive investigation into the current car parking issues within Montague Farm Estate, Pooraka that would address matters including:
 - a) opportunities to improve car parking in the estate
 - b) opportunities for construction of car parking including indented car parking bays
 - c) opportunities for education including pamphlets delivered to the homes and the installation of signage
 - d) costings associated with recommendations for parking improvements

CARRIED

OTHER BUSINESS

(Questions Without Notice, Motions Without Notice, CEO Update)

Nil.

CLOSE

The meeting closed at 6:36pm.

CHAIRMAN.....

DATE.....

ITEM	AMSC1
	ASSET MANAGEMENT SUB COMMITTEE
DATE	11 July 2022
HEADING	Future Reports for the Asset Management Sub Committee
AUTHOR	Heather Prasad, PA to GM City Infrastructure, City Infrastructure
CITY PLAN LINKS	4.2 We deliver quality outcomes that meet the needs of our community
SUMMARY	This item details reports to be presented to the Asset Management Sub Committee as a result of a previous Council resolution.

RECOMMENDATIONThat Council:

- Notes the report.

ATTACHMENTS

There are no attachments to this report.

1. BACKGROUND

- 1.1 A list of resolutions requiring a future report to Council is presented to each Sub Committee and standing committee for noting.
- 1.2 If reports have been deferred to a subsequent month, this will be indicated, along with a reason for the deferral.

2. CONSULTATION / COMMUNICATION

- 2.1 Internal
 - 2.1.1 Report authors and General Managers.

3. Report

- 3.1 The following table outlines reports to be presented to the Asset Management Sub Committee as a result of a previous Council resolution:

Meeting Item	- Heading and Resolution	Officer
21/12/2020 4.0.2-AMSC2	Buildings Asset Management 3. The next steps highlighted in section 3.13.1 to 3.13.6 of this report (Asset Management Sub Committee AMSC3 30/11/2020) be implemented and a further report be brought back to the Asset Management Sub Committee upon completion of the next steps 3.13.1 to 3.13.6.	Peter Rexeis
Due:	July 2022	
Deferred:	August 2022	
Reason:	This resolution will be addressed in the 2nd Strategic Asset Management - Building Assets report that will be submitted to the Asset Management Sub Committee in August 2022	

Meeting Item	- Heading and Resolution	Officer
22/03/2021 4.0.2-AMSC3 Due:	Level of Service - Tree Litter in Private Residences 4. That a report be provided to the Asset Management Sub Committee in 12 months' time summarising the lessons learned from the first year of implementation of the program. August 2022	Craig Johansen
22/03/2021 4.0.2-AMSC4 Due:	Verge Maintenance Trial and Streetscape Improvement Program 8. A report on the outcomes of the Streetscape Improvement Program be submitted to Council in late 2023 after completion of the two year trial. October 2023	Mark Purdie
23/08/2021 4.0.3-AMSC3 Due: Deferred: Reason:	2021/22 Street Tree Renewal Program, Streetscape Renewal Program, Verge Development Program and Verge Maintenance Trial 2. Approves that staff present a draft Resident Verge Incentive Scheme policy to the Asset Management Subcommittee in October 2021. July 2022 August 2022 This resolution will be addressed as part of the Sustainable Verge Development Report going up in August 2022.	Jamie Hosking
25/10/2021 4.0.3-AMSC-MON1 Due: Deferred to: Reason:	Motion on Notice: Playspaces Survey 3. Approves that a further report be presented to Council on the selected engagement via the Asset Management Sub Committee within nine months, detailing the outcomes of the engagement, including any recommendations on how the feedback can be incorporated in future play spaces. July 2022 October 2022 The engagement of a consultant to undertake these investigations are being finalised. Staff will report back following completion of the consultation.	Jamie Hosking
25/10/2021 AMSC3 Due: Deferred: Reason:	Options and Cost Implications for Potential Amendments to the Play Space Policy 2. Staff report back on appropriate wording and costings to amend existing policy for the inclusion of infant/toddler (Under 3) play element. July 2022 August 2022 This resolution will be addressed as part of the second playspace strategic asset management report in August 2022.	Jamie Hosking

Meeting Item	- Heading and Resolution	Officer
28/02/2022 MON1	Motion on Notice: Artificial Turf 1. That administration bring back a report to the Asset Management Sub Committee by April 2022 exploring how we can better educate our community about the suitability of verge development options including synthetic turf. Due: July 2022 Deferred: August 2022 Reason: This resolution will be addressed as part of the Sustainable Verge Development Report going up in August 2022.	Jamie Hosking
23/05/2022 MWON4	Motion Without Notice: Footpath Paving, Salisbury East 1. Requests a report be brought to the Asset Management Sub Committee regarding the addition of paving along the path adjoining Melville Road and Northbri Avenue Salisbury East. Due: August 2022	Jamie Hosking

4. CONCLUSION / PROPOSAL

- 4.1 Future reports for the Asset Management Sub Committee have been reviewed and are presented to Council for noting.

ITEM	AMSC2
	ASSET MANAGEMENT SUB COMMITTEE
DATE	11 July 2022
HEADING	Street Tree Renewal Program - Consultation Outcomes
AUTHOR	Jamie Hosking, Team Leader Urban Built Assets, City Infrastructure
CITY PLAN LINKS	1.1 Our City is attractive and well maintained 1.5 Our community is resilient and adaptive to change 2.3 Our community, environment and infrastructure are adaptive to a changing climate
SUMMARY	To provide an update on the completed consultation for the 2021/22 Street Tree Planting Program.

RECOMMENDATION

That Council:

1. Notes the outcomes of the 2021/22 Street Tree Program consultation.
2. Approves the recommended species selection as per Attachment A – Tree images and tree removal/planting plans (Item AMSC2 – Street Tree Renewal Program – Consultation Outcomes, Asset Management Sub Committee Meeting, 11 July 2022) and approves that the program proceeds to implementation.

ATTACHMENTS

This document should be read in conjunction with the following attachments:

1. Appendix A – Tree images and tree removal/planting plans
2. Appendix B - Feedback response summary
3. Appendix C - Customer Requests

1. BACKGROUND

- 1.1 At its meeting held on 25 October 2021, Council considered the Street Tree Renewal Program for 2020/21 and 2021/22 and resolved that Council:

“Approves the species selection for the 2021/22 Street Tree Program (Appendix D) and that the program proceeds to consultation, including with the Ward Councillors with a further report to be presented by April 2022 on the outcomes of the consultation.”

Resolution Number 1128/2021

- 1.2 At its meeting held on 25 November 2021, council resolved that

‘As part of the forthcoming report on street tree selection the administration give consideration to removing eucalypts that have the capacity to become regulated and/or significant from residential streetscape renewal program in residential streets that have narrow verge.’

Resolution Number 1128/2021

- 1.3 In 2021 a species list was developed in conjunction with Green Adelaide and approved by Council to ensure that the goals within the City Plan and Green Adelaide’s priorities could be achieved. The species in the approved palette ensure the long-term health of the tree, reduced conflict with other infrastructure, promotion of greening and cooling of our streets and appropriate planting locations.

2. CITY PLAN CRITICAL ACTION

- 2.1 Sustainable City – Manage and Plan assets so they are resilient to a Changing Climate

3. CONSULTATION / COMMUNICATION

- 3.1 External

3.1.1 Elected Members

3.1.2 Community

4. REPORT

- 4.1 Consultation for the 2021/22 Street Tree Program has recently closed and results collated. 1801 letters were distributed to 60 streets with 381 responses being received. This equates to a response rate of 21%, noting that in some streets response rate was much lower. The low response rate in some instances has resulted in Administration making the decision regarding species selection. Where this has occurred staff have put forward a recommended species for approval. *Refer Appendix A – tree images and tree removal/planting plans*
- 4.2 Residents were asked to indicate a preferred species for the street (not for individual properties). This included a preferential system to assist with the collation of results and to identify clear preferences for each street. Generally, residents were given a choice of three species for a street, based on the species palette recommended for the area. To comply with requirements for planting below powerlines options included different species for each side of the street. Where there was a clear preference along the street, the selected option has been put forward for approval. Where there was a tied preference, Administration have recommended a species for approval. Refer table below.

Consultation Results

- 4.3 The following table summarises the species selection for each street:

Street	Pref. Option	Tot. Votes	Species Selection		Comments
			PowerLine	Non Powerline	
Beadell Street, Salisbury North	2	11	Brachychiton populneus		selected on second preference
Bogota Crescent, Paralowie	3	4	Pyrus calleryana (Bradford)		

Street	Pref. Option	Tot. Votes	Species Selection		Comments
			PowerLine	Non Powerline	
Bryant Avenue, Ingle Farm	1	4	Fraxinus angustifolia Raywood	Melia azedarach (Elite)	
Century Street, Salisbury Downs	1	1	Pistacia chinensis		
Charlton Drive, Salisbury East	1	4	Pistacia chinensis		
Cochrane Road, Salisbury North	NA	0	Acer freemannii Jeffers Red		no options given, continuation of avenue
David Road, Para Vista	2	4	Brachychiton populneus x acerifolius Bella Donna		
David Street, Salisbury East	NA	0	Brachychiton populneus x acerifolius Bella Donna		no option given, continuation of avenue
Edward Street, Paralowie house 16-34, 21-37	3	6	Fraxinus ornus	Fraxinus pennsylvanica Urbanite	
Edward Street, Paralowie house 39-53, 34-42	2	2	Acer buergerianum		selected on second preference
Fender Court, Paralowie	3	2	Acer buergerianum		
Furner Avenue, Ingle Farm	3	2	Buckinghamia celsissima		
Gardenia Drive, Parafield Gardens	3	2	Zelkova serrata (Green Vase)		tied vote, staff recommendation due to sp variety
Glen Street, Salisbury East	2	4	Pistacia chinensis		
Graylon Way, Salisbury Park	3	5	Pistacia chinensis	Jacaranda mimosifolia	selected on second preference
Grieg Street, Ingle Farm	NA	2	Acer campestre Elsrijk	Acer campestre Elsrijk	tied vote, staff recommendation due to availability
Gully Drive, Gulfview Drive	1	11	Jacaranda mimosifolia		
Hood Street, Salisbury East	1	1	Acer freemanii (Jeffers Red)		
Jon Road, Paralowie	2	1	Pyrus calleryana (Bradford)		
Keith Street, Para Hills	1	6	Fraxinus angustifolia Raywood	Fraxinus pennsylvanica (Urbanite)	
Kingswood Crescent, Paralowie	2	4	Zelkova serrata		
Lara Street, Ingle Farm	2	2	Acer buergerianum		
Lincoln Crescent, Pooraka	1	9	Pistacia chinensis	Pistacia chinensis	
Lombard Avenue, Pooraka	1	3	Buckinghamia celsissima		selected on second preference
Ludwig Street, Paralowie	2	5	Jacaranda mimosifolia		
Manuella Court, Paralowie	3	2	Acer campestre		
Margarita Street, Paralowie	3	6	Acer freemannii Jeffers Red		selected on second preference
Marriott Avenue, Para Vista	NA	0	Jacaranda mimosifolia		no option given, continuation of avenue
Marti Street, Salisbury North	1	1	Triadica sebifera		
Mayo Crescent, Salisbury Downs	3	10	Acer campestre	Acer campestre	
McInnis Avenue, Burton	1	3	Triadica sebifera		
Merlot Court, Burton	3	3	Acer buergerianum		
Morris Street, Paralowie	0	0	Buckinghamia celsissima		No votes received, staff recommendation
Montague (Service) Road, Pooraka	1	16	Jacaranda mimosifolia		selected on second preference
Newlyn Terrace, Parafield Gardens	3	3	Geijera parviflora		selected on second preference
Newman Avenue, Paralowie	1	5	Pistacia chinensis		selected on second preference

Street	Pref. Option	Tot. Votes	Species Selection		Comments
			PowerLine	Non Powerline	
Nicholls Crescent, Burton	3	6	Fraxinus pennsylvanica (Urbanite)		selected on second preference
Ora Court, Salisbury North	2	2	Callistemon viminalis		selected on second preference
Padilla Street, Paralowie	3	3	Brachychiton populneus x acerifolius Jerilderie Red		
Panto Avenue, Paralowie	3	8	Jacaranda mimosifolia		
Park Way, Mawson Lakes	3	8	Flindersia australis		
Pele Avenue, Salisbury East	1	3	Pistacia chinensis		
Penong Crescent, Salisbury North	1	9	Flindersia australis		tied vote, staff recommendation
Perry Street, Salisbury North	3	5	Brachychiton populneus x acerifolius Bella Donna		
Petunia Avenue, Pooraka	2	4	Brachychiton populneus x acerifolius Bella Donna	Brachychiton populneus	selected on second preference
Piccadilly Road, Salisbury East	2	6	Fraxinus angustifolia Raywood grafted to F. ornus	Acer freemani Jeffers Red	
Pine Court, Mawson Lakes	2	3	Prunus cerasifera Oakville Crimson Spire		
Quadrant Avenue, Salisbury North	1	5	Acer campestre Elsrijk	Celtis laevigata	
Raner Avenue, Parafield Gardens	3	7	Acer buergerianum		
River Drive, Para Hills	3	2	Geijera parviflora		
Ruby Street, Brahma Lodge	3	1	Geijera parviflora	Buckinghamia celsissima	
Salmon Court, Parafield Gardens	3	3	Buckinghamia celsissima		
Sander Court, Burton	2	1	Pistacia chinensis		
Sharon Avenue, Parafield Gardens	1	3	Acer campestre Elsrijk	Jacaranda mimosifolia	
Shaxton Street, Salisbury North	3	1	Acer campestre Elsrijk		
Shepley Crescent, Burton	3	14	Acer freemannii Jeffers Red		
Statham Avenue, Salisbury East	1	6	Pistacia chinensis		
Stella Court, Salisbury North	3	2	Acer campestre		
Target Hill Road House, Salisbury Heights # 1-33	3	4	Lophostemon confertus		
Target Hill Road, Salisbury Heights House # 35-138	3	9	Acer buergerianum		
Yarcowie Avenue, Ingle Farm	2	8	Pyrus calleryana (Bradford)		

4.4 Consultation also allowed residents to provide feedback on the proposed works. This generally related to:

- Request for no street tree to be planted— 37 requests:

It is Council policy for at least one tree to be provided per frontage, and two per side boundary. Most requests either relate to wide verges where two trees have been proposed or where the resident has undertaken unapproved verge development.

- Request for additional tree to be planted – 2 requests:
Additional requests have been accommodated where possible.
- Request for removal of a tree identified for retention – 53 requests:
Most requests relate to trees that have been identified as regulated or significant through legislation. These requests have been further reviewed and where appropriate, development applications will be lodged for removals.
- Retention of a tree identified for removal – 15 requests:
Requests for retention have been generally accommodated where possible. In some instances, trees are being removed due to their poor health or structure.

Refer Appendix B – feedback response summary.

- 4.5 As part of the assessment for the program previous customer requests received between 1 June 2020 and 1 April June 2022 have been reviewed. This information has been cross referenced with the consultation results. Where a request had been lodged for a tree inspection, maintenance or removal, a further review has been undertaken.

Refer Appendix C – Customer Requests

5. CONCLUSION / PROPOSAL

- 5.1 That Council notes the outcomes of the 2021/22 Street Tree Program consultation and approves the recommended species selection.
- 5.2 This program is now moving to be delivered over the next 4 months.

Beadell Street, Burton

Option 1: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 2: Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.

Flowers are bird attracting.

Option 3: Both sides of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Bogota Crescent, Paralowie

Option 1:

Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.
Flowers are bird attracting.

Option 2:

Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Option 3:

Both sides of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Bryant Avenue, Ingle Farm

Option 1:

Non-power line side of street



Low Fruiting White Cedar
Melaleuca azedarach 'Elite'

A deciduous tree, up to 10m in height, with an umbrella-shaped canopy. It has lush, green foliage that turns golden yellow in autumn. This variety has been selected for its low flowering and fruiting habit. This tree is recommended for medium sized verges.

Power line side



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii'

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water and SAPN.

Option 2:

Non-power line side of street



Upright English Oak
Quercus robur 'fastigiata'

A tough, columnar form of English Oak with dense, upright branches. A slow growing species up to 10m high at maturity. It has dark green distinctive foliage, and is very tolerant of a wide range of conditions.

Power line side



Field Maple
Acer campestre 'Elsrijk'

A smaller Maple, up to 7m in height. It has a rounded, dense canopy of bright green foliage. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Option 3:

Non-power line side of street

Power line side



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Century Street, Salisbury Downs

Option 1: Both sides of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2: Both sides of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.
Local example: Silverbirch Place, Mawson Lakes.

Option 3: Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Charlton Drive, Salisbury East

Option 1:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

Non-power line side of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Power line side



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

David Road, Para Vista

Option 1:

Non-power line side of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved. Local example: Atlanta Avenue, Ingle farm.

Power line side



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved. Local example: Atlanta Avenue, Ingle farm.

Option 2:

Non-power line side of street



Kurrajong 'Bella Pink'
Brachychiton populneus x acerifolius Bella Pink

This is a small to medium sized shade tree 8m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting. Local example: Main North Road, Elizabeth

Power line side

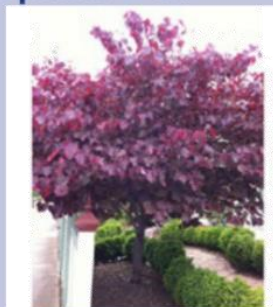


Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Forest Pansy
Cercis canadensis

This is a small sized deciduous tree, growing up to 5m tall, with burgundy coloured heart shaped leaves that continually change colour throughout the year.

This tree is recommended for small verges.

Power line side



Forest Pansy
Cercis canadensis

This is a small sized deciduous tree, growing up to 5m tall, with burgundy coloured heart shaped leaves that continually change colour throughout the year.

This tree is recommended for small verges.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Edward Street, Paralowie (#37 to Waterloo Corner Rd)

Option 1:

Non-power line side of street



Large Fruited SA Blue Gum
Eucalyptus leucoxylon ssp. *megalocarpa*

An evergreen tree, up to 10m in height, with a dense, spreading canopy. It has prolific pink flowers that appear in late winter, spring and summer. It will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Teresa Court, Paralowie.

Power line side



Dwarf SA Blue Gum
Eucalyptus leucoxylon 'Euky Dwarf'

An evergreen tree, up to 7m in height, with spreading canopy. This tree can have white, pink or red flowers appearing autumn through to early summer. It will tolerate a range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: James Lane, Salisbury (car park).

Option 2:

Non-power line side of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.

Power line side



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.

Option 3:

Non-power line side of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.
Local example: Silverbirch Place, Mawson Lakes.

Power line side



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii' ornus

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water and SAPN.

Edward Street, Paralowie (Elio Dr to #39)

Option 1: Both sides of street



Dwarf SA Blue Gum
Eucalyptus leucoxylon 'Euky Dwarf'

An evergreen tree, up to 7m in height, with spreading canopy. This tree can have white, pink or red flowers appearing autumn through to early summer. It will tolerate a range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Local example: James Lane, Salisbury (car park).

Option 2: Both sides of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Local example: Civic Square, Salisbury.

Option 3: Both sides of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.

Local example: Silverbirch Place, Mawson Lakes.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Fender Court, Paralowie

Option 1: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Option 2: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers. This tree is recommended for small verges and under powerlines, and is SA Water approved.

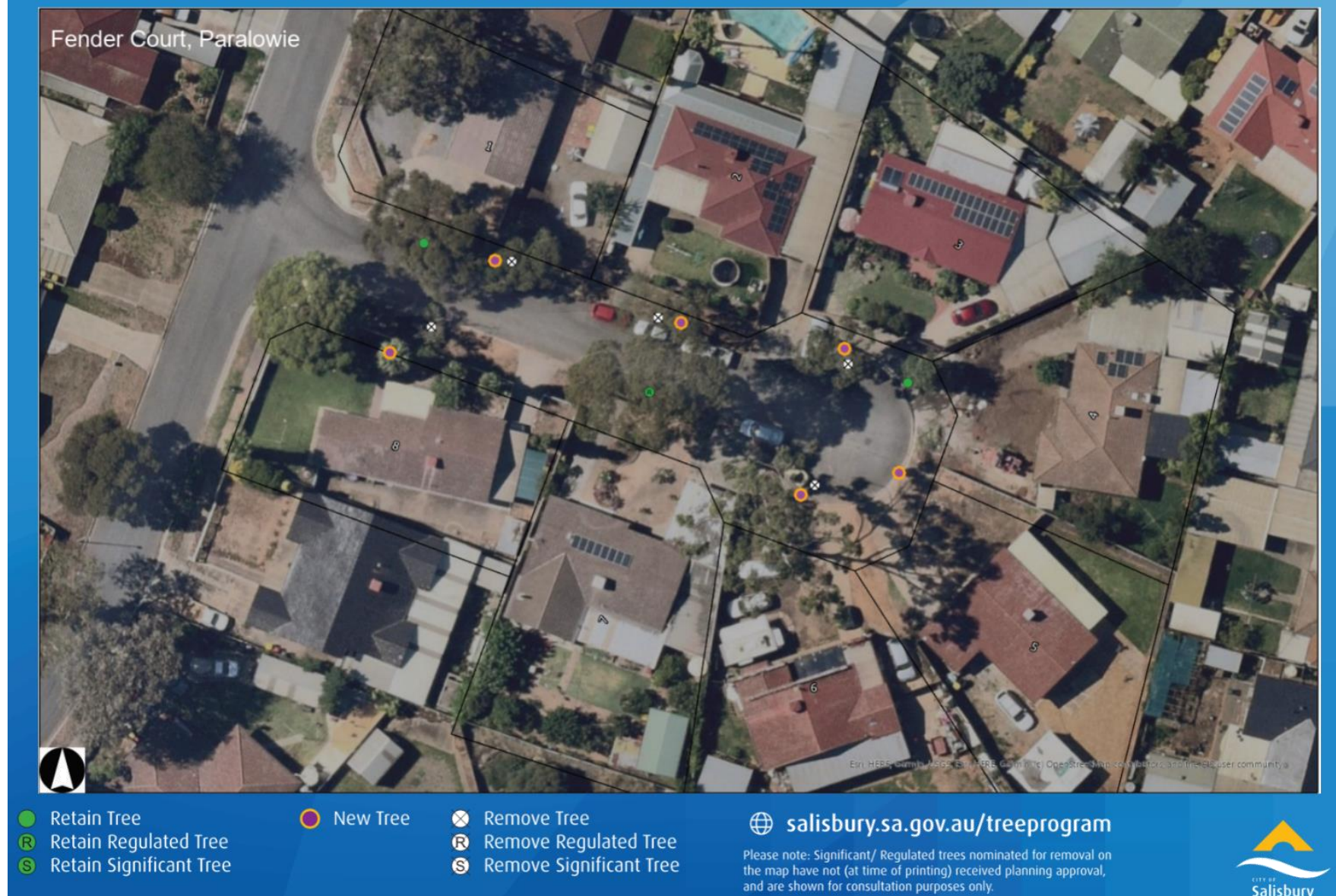
Option 3: Both sides of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.

Street Tree Program Community Consultation Fender Court, Paralowie



Furner Avenue, Ingle Farm

Option 1: Both sides of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved. Local example: Atlanta Avenue, Ingle farm.

Option 2: Both sides of street



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii' ornus

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water and SAPN.

Option 3: Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Gardenia Drive, Parafield Gardens

Option 1: Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.

Option 2: Both sides of street



Japanese Elm
Zelkova serrata 'Green Vase'

A deciduous tree, up to 12m in height, with a vase-shaped canopy. It has bright, green foliage that turns red and yellow in autumn. This tree is tolerant of a range of climatic conditions.

Is recommended for small verges.

Local example: Devereux Road, Beaumont.

Option 3: Both sides of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Local example: Civic Square, Salisbury.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Glen Street, Salisbury East

Option 1: Both sides of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2: Both sides of street



Callery Pear
Pyrus calleryana 'Bradford'

A deciduous tree, up to 12m in height, with a dense canopy. Dark green foliage is thick and glossy, becoming red, orange and purple in autumn. White blossom flowers appear in spring. This tree is recommended for small and medium verges.
Local example: Redin Street, Richmond.

Option 3: Both sides of street



Dwarf SA Blue Gum
Eucalyptus leucoxylon 'Euky Dwarf'

An evergreen tree, up to 7m in height, with spreading canopy. This tree can have white, pink or red flowers appearing autumn through to early summer. It will tolerate a range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: James Lane, Salisbury (car park).



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Graylon Way, Salisbury Park

Option 1:

Non-power line side of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions.

This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

Non-power line side of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions.

It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Power line side



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions.

It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Option 3:

Non-power line side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Grieg Street, Ingle Farm

Option 1:

Non-power line side of street



Field Maple
Acer campestre 'Elsrijk'

A smaller Maple, up to 7m in height. It has a rounded, dense canopy of bright green foliage. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Power line side



Field Maple
Acer campestre 'Elsrijk'

A smaller Maple, up to 7m in height. It has a rounded, dense canopy of bright green foliage. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Option 2:

Non-power line side of street



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street

Power line side



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Gully Drive, Gulfview Heights

Option 1: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 2: Both sides of street



Large Fruited SA Blue Gum
Eucalyptus leucoxylon ssp. megalocarpa

An evergreen tree, up to 10m in height, with a dense, spreading canopy. It has prolific pink flowers that appear in late winter, spring and summer. It will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.

Local example: Teresa Court, Paralowie.

Option 3: Both sides of street



Nettle Tree
Celtis australis

A deciduous tree, up to 10m in height, with a rounded, dense canopy of glossy, green foliage. Flowers are insignificant.

This tree is suitable for a range of conditions and soils, and is drought tolerant. It is recommended for medium verges and is SA Water approved.

Local example: Lamington Street, Para Hills.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Hood Street, Salisbury East

Option 1:

Both sides of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.

Option 2:

Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 3:

Both sides of street



Large Fruited SA Blue Gum
Eucalyptus leucoxylon ssp. megalocarpa

An evergreen tree, up to 10m in height, with a dense, spreading canopy. It has prolific pink flowers that appear in late winter, spring and summer. It will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Teresa Court, Paralowie.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Jon Road, Paralowie

Option 1: Both sides of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2: Both sides of street



Callery Pear
Pyrus calleryana 'Bradford'

A deciduous tree, up to 12m in height, with a dense canopy. Dark green foliage is thick and glossy, becoming red, orange and purple in autumn. White blossom flowers appear in spring. This tree is recommended for small and medium verges.
Local example: Redin Street, Richmond.

Option 3: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Keith Street, Para Hills

Option 1:

Non-power line side of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.

Local example: Silverbirch Place, Mawson Lakes.

Power line side



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii' ornus

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer.

This tree is recommended for small verges and is approved by SA Water and SAPN.

Option 2:

Non-power line side of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Power line side



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Local example: Civic Square, Salisbury.

Option 3:

Non-power line side of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.

Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Power line side



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.

Local example: Lassock Avenue, Lockleys.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Kingswood Crescent, Paralowie

Option 1: Both sides of street



Algerian Oak
Quercus canariensis

A handsome moderate to large sized broadly domed tree, that can adapt to a range of growing conditions. Drought tolerant, fast growing and long-lived.

Local example: Arden Ave, Lockleys

Option 2: Both sides of street



Japanese Elm
Zelkova serrata 'Green Vase'

A deciduous tree, up to 12m in height, with a vase-shaped canopy. It has bright, green foliage that turns red and yellow in autumn. This tree is tolerant of a range of climatic conditions.

Is recommended for small verges.

Local example: Devereux Road, Beaumont.

Option 3: Both sides of street



Nettle Tree
Celtis australis

A deciduous tree, up to 10m in height, with a rounded, dense canopy of glossy, green foliage. Flowers are insignificant.

This tree is suitable for a range of conditions and soils, and is drought tolerant. It is recommended for medium verges and is SA Water approved.

Local example: Lamington Street, Para Hills.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Lara Street, Ingle Farm

Option 1: Both sides of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Option 2: Both sides of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.

Option 3: Both sides of street



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.
Local example: Lassock Avenue, Lockleys.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Lincoln Crescent, Pooraka

Option 1:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

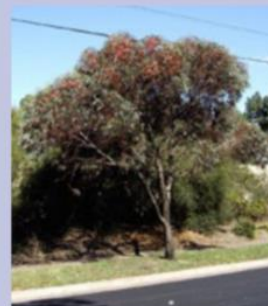
Non-power line side of street



Coral Gum
Eucalyptus torquata

An evergreen tree, up to 8m in height, with an open crown of grey-green foliage. It has a rough dark trunk and showy orange-pink flowers for most of the year. This tree is recommended for small verges and under powerlines, and it is SA Water approved.
Local example: Salisbury Highway, Parafield Gardens.

Power line side



Coral Gum
Eucalyptus torquata

An evergreen tree, up to 8m in height, with an open crown of grey-green foliage. It has a rough dark trunk and showy orange-pink flowers for most of the year. This tree is recommended for small verges and under powerlines, and it is SA Water approved.
Local example: Salisbury Highway, Parafield Gardens.

Option 3:

Non-power line side of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.
Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



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Lombard Avenue, Paralowie

Option 1: Both sides of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions.

This tree is recommended for small verges and under powerlines, and is SA Water approved.

Local example: Talbot Street, Hilton.

Option 2: Both sides of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.

Local example: Silverbirch Place, Mawson Lakes.

Option 3: Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn.

This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Ludwig Street, Paralowie

Option 1: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 2: Both sides of street



Crows Ash
Flindersia australis

An evergreen tree, up to 20m in height, with a dense canopy. Foliage is long and narrow, dark green in colour. Small, white flowers appear in summer and seed pods following. This tree is tolerant of a range of climatic conditions and is recommended for medium verges.

Local example: Tennyson Street, Kurralta Park.

Option 3: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers.

This tree is recommended for small verges and under powerlines, and is SA Water approved.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Manuella Court, Paralowie

Option 1: Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.

Option 2: Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3: Both sides of street



Field Maple
Acer campestre

A compact deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Margarita Street, Paralowie

Option 1: Both sides of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved. Local example: Atlanta Avenue, Ingle farm.

Option 2: Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3: Both sides of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Marti Street, Salisbury North

Option 1: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers. This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 2: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 3: Both sides of street



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Mayo Crescent, Salisbury Downs

Option 1:

Non-power line side of street



Red Cottonwood
Hibiscus tiliaceus rubra

This is a small to medium sized evergreen shade tree, growing up to 8m tall, with dark foliage and vibrant yellow flowers in Summer.

Local example: Wiley Street, Elizabeth South

Power line side



Red Cottonwood
Hibiscus tiliaceus rubra

This is a small to medium sized evergreen shade tree, growing up to 8m tall, with dark foliage and vibrant yellow flowers in Summer.

Local example: Wiley Street, Elizabeth South

Option 2:

Non-power line side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Field Maple
Acer campestre

A compact deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Power line side



Field Maple
Acer campestre

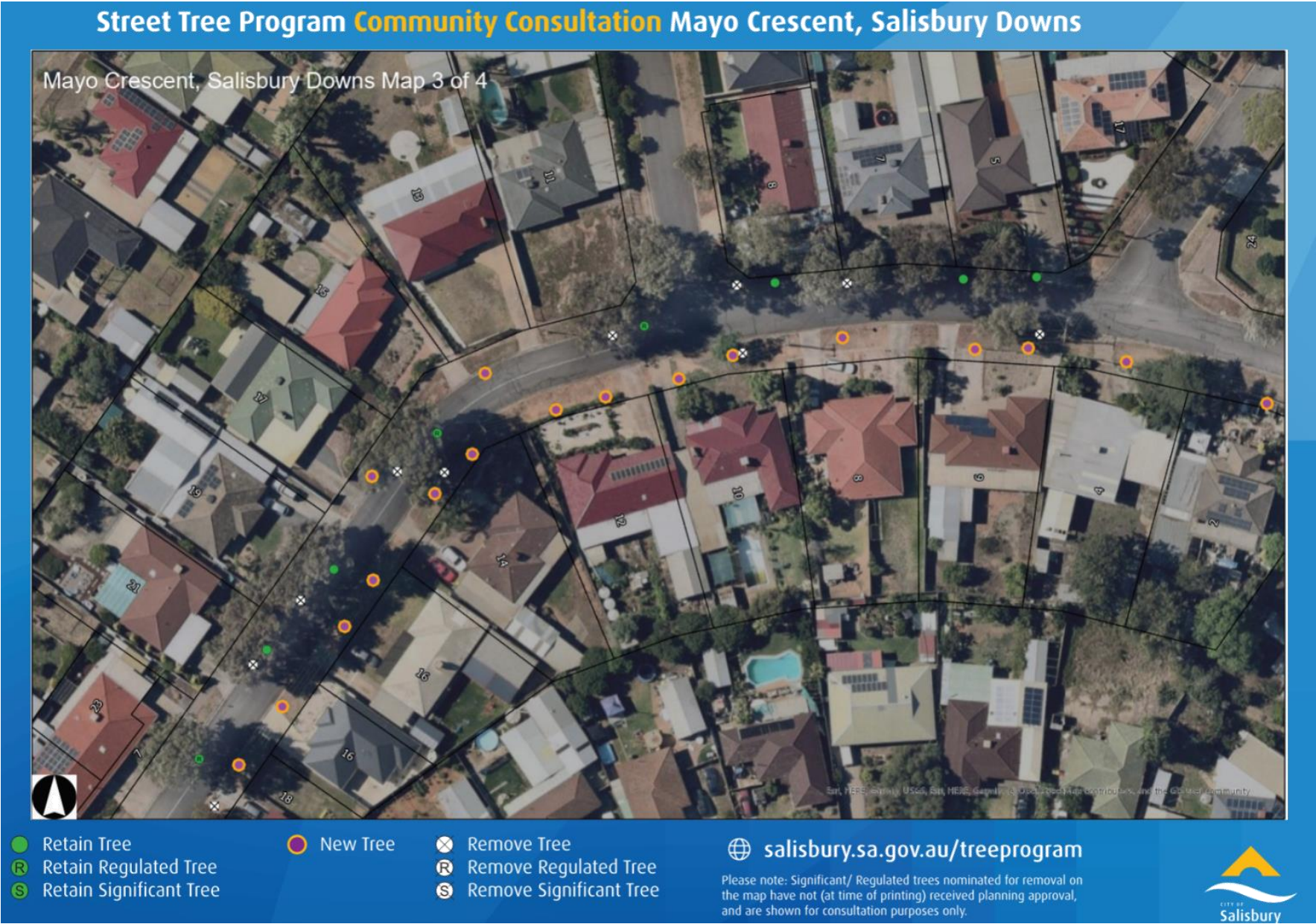
A compact deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

McInnis Avenue, Burton

Option 1: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers. This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 2: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 3: Both sides of street



Sugar Hack Berry
Celtis laevigata

A deciduous tree, up to 12m in height, with a rounded, dense canopy of glossy, green leaves. Flowers are insignificant.

This tree is suitable for a range of conditions and soils, and is drought tolerant. It is recommended for medium verges and is SA Water approved.

Local example: Maidos Grove, Valley View.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Merlot Court, Burton

Option 1:

Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 2:

Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.

Option 3:

Both sides of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines. Local example: Civic Square, Salisbury.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Montague (Service) Road, Pooraka

Option 1: South side of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 2: South side of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers.

This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 3: South side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.

Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

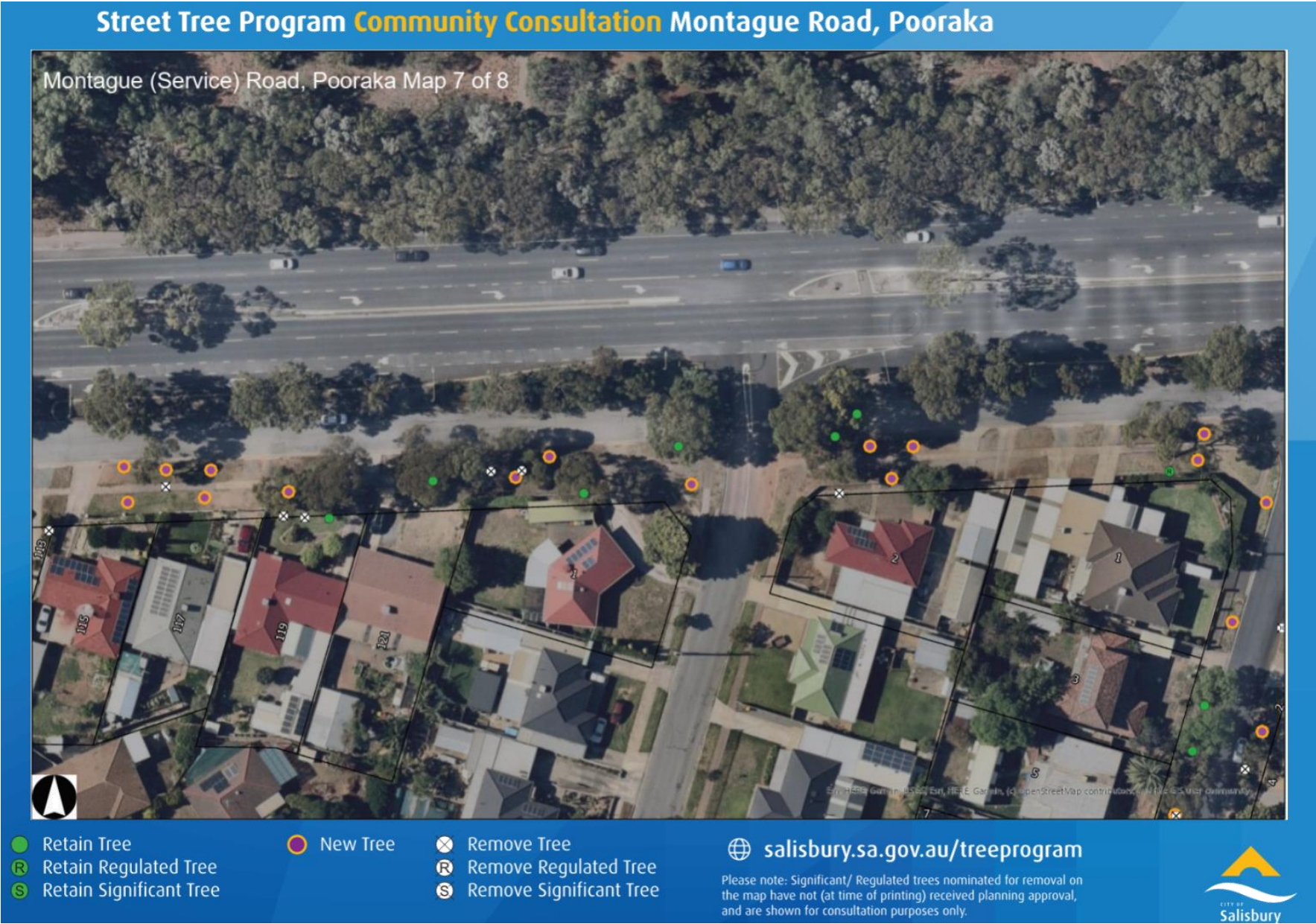


Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans





Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Morris Street, Paralowie

Option 1: Both sides of street



Claret Ash
Fraxinus angustifolia 'Raywoodii'

A deciduous tree, up to 12m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water.

Option 2: Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.

Option 3: Both sides of street



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Newlyn Terrace, Parafield Gardens

Option 1:

Both sides of street



Weeping Bottlebrush
Callistemon 'Harkness'

An evergreen tree, up to 6m in height, with weeping foliage and red brush-like flowers that appear for a short time in spring. This tree will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and approved by SA Water and ETSA.
Local example: York Terrace, Salisbury.

Option 2:

Both sides of street



Red Cottonwood
Hibiscus tiliaceus rubra

This is a small to medium sized evergreen shade tree, growing up to 8m tall, with dark foliage and vibrant yellow flowers in Summer.

Local example: Wiley Street, Elizabeth South

Option 3:

Both sides of street



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.
Local example: Lassock Avenue, Lockleys.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Newman Avenue, Paralowie

Option 1:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

Non-power line side of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Power line side



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Nicholls Crescent, Burton

Option 1: Both sides of street



Callery Pear
Pyrus calleryana 'Bradford'

A deciduous tree, up to 12m in height, with a dense canopy. Dark green foliage is thick and glossy, becoming red, orange and purple in autumn. White blossom flowers appear in spring. This tree is recommended for small and medium verges.
Local example: Redin Street, Richmond.

Option 2: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers.
This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 3: Both sides of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.
Local example: Silverbitch Place, Mawson Lakes.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Ora Court, Salisbury North

Option 1:

Both sides of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Option 2:

Both sides of street



Weeping Bottlebrush
Callistemon viminalis

An evergreen tree, up to 8m in height, with a weeping branches. The weeping foliage and red brush-like flowers that appear in late spring. This tree grows well in a range of conditions.
Local example: Dexter Drive, Salisbury East (off Northbri Avenue)

Option 3:

Both sides of street



Ornamental Pear
Pyrus calleryana 'Cleveland Select'

A fast growing medium sized tree up to 11m high, with a pyramid shape. Producing scarlet red hues during Autumn and Spring with white flowers. Adapts well to a range of soils including areas with heavy soils suffering from occasional wet to dryer conditions.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Padilla Street, Paralowie

Option 1: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 2: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers.

This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 3: Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.

Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Panto Avenue, Paralowie

Option 1: Both sides of street



Coral Gum
Eucalyptus torquata

An evergreen tree, up to 8m in height, with an open crown of grey-green foliage. It has a rough dark trunk and showy orange-pink flowers for most of the year. This tree is recommended for small verges and under powerlines, and it is SA Water approved.
Local example: Salisbury Highway, Parafield Gardens.

Option 2: Both sides of street



Red Flowering Gum
Corymbia ficifolia

An evergreen tree, up to 10m in height, with a dense canopy and prolific red flowers. This tree will tolerate a range of soils and climatic conditions. This tree is recommended for medium verges and under powerlines.

Option 3: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.
Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Park Way, Mawson Lakes

Option 1: Both sides of street



Spotted Gum
Corymbia maculata

An evergreen tree, up to 20m in height, with a spreading canopy. It has smooth, spotted grey bark and clusters of large, white flowers that appear in winter. This tree is recommended for medium verges. Local example: Todd Road, Para Hills.

Option 2: Both sides of street



Algerian Oak
Quercus canariensis

A handsome moderate to large sized broadly domed tree, that can adapt to a range of growing conditions. Drought tolerant, fast growing and long-lived.

Local example: Arden Ave, Lockleys

Option 3: Both sides of street



Crows Ash
Flindersia australis

An evergreen tree, up to 20m in height, with a dense canopy. Foliage is long and narrow, dark green in colour. Small, white flowers appear in summer and seed pods following. This tree is tolerant of a range of climatic conditions and is recommended for medium verges.

Local example: Tennyson Street, Kurralta Park.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Pele Avenue, Salisbury East

Option 1:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

Non-power line side of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Power line side



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Penong Crescent, Salisbury North

Option 1: Both sides of street



Crows Ash
Flindersia australis

An evergreen tree, up to 20m in height, with a dense canopy. Foliage is long and narrow, dark green in colour. Small, white flowers appear in summer and seed pods following. This tree is tolerant of a range of climatic conditions and is recommended for medium verges.

Local example: Tennyson Street, Kurralta Park.

Option 2: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 3: Both sides of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.

Local example: Silverbirch Place, Mawson Lakes.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Perry Street, Salisbury North

Option 1:

Both sides of street



Weeping Bottlebrush
Callistemon viminalis

An evergreen tree, up to 8m in height, with a weeping branches. The weeping foliage and red brush-like flowers that appear in late spring. This tree grows well in a range of conditions.
Local example: Dexter Drive, Salisbury East (off Northbri Avenue)

Option 2:

Both sides of street



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.
Local example: Lassock Avenue, Lockleys.

Option 3:

Both sides of street



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Petunia Avenue, Pooraka

Option 1:

Non-power line side of street



Willow Myrtle
Agonis flexuosa

An evergreen tree, up to 12m in height, with a rounded canopy of weeping foliage. Very small, fragrant, white flowers appear in late spring. This tree tolerates a range of soil and climatic conditions. It is recommended for medium verges and is approved by SA Water.

Power line side



Weeping Bottlebrush
Callistemon 'Harkness'

An evergreen tree, up to 6m in height, with weeping foliage and red brush-like flowers that appear for a short time in spring. This tree will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and approved by SA Water and ETSA. Local example: York Terrace, Salisbury.

Option 2:

Non-power line side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines. Local example: Civic Square, Salisbury.

Power line side



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines. Local example: Civic Square, Salisbury.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Piccadilly Road, Salisbury East

Option 1:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

Non-power line side of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.

Power line side



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii' ornus

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water and SAPN.

Option 3:

Non-power line side of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Power line side



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.
Local example: Lassock Avenue, Lockleys.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Pine Court, Mawson Lakes

Option 1: Both sides of street



Red Cottonwood
Hibiscus tiliaceus rubra

This is a small to medium sized evergreen shade tree, growing up to 8m tall, with dark foliage and vibrant yellow flowers in Summer.

Local example: Wiley Street, Elizabeth South

Option 2: Both sides of street



Oakville Crimson Spire
Prunus cerasifera 'Oakville Crimson Spire'

A deciduous tree, up to 6m in height, with a slender canopy. It has deep reddish-bronze foliage and pink to white flowers that appear in spring. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and is approved by SA Water and ETSA.

Option 3: Both sides of street



Red Spire Pear
Pyrus calleryana 'Red Spire'

A deciduous tree, up to 8m in height, with a dense, narrow canopy. It has glossy, dark green foliage that turns yellow, red and orange in autumn. White blossom flowers appear in spring. This tree is recommended for small and medium verges.

Local example: Warehouse Lane, Mawson Lakes.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Quadrant Avenue, Salisbury North

Option 1:

Non-power line side of street



Sugar Hack Berry
Celtis laevigata

A deciduous tree, up to 12m in height, with a rounded, dense canopy of glossy, green leaves. Flowers are insignificant. This tree is suitable for a range of conditions and soils, and is drought tolerant. It is recommended for medium verges and is SA Water approved.
Local example: Maidos Grove, Valley View.

Power line side



Field Maple
Acer campestre 'Elsrijk'

A smaller Maple, up to 7m in height. It has a rounded, dense canopy of bright green foliage. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Option 2:

Non-power line side of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.
Local example: Silverbirch Place, Mawson Lakes.

Power line side



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii' ornus

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water and SAPN.

Option 3:

Non-power line side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x *acerifolius* Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Raner Avenue, Parafield Gardens

Option 1: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Option 2: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers. This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 3: Both sides of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

River Drive, Para Hills

Option 1:

Non-power line side of street



Large Fruited SA Blue Gum
Eucalyptus leucoxylon ssp. *megalocarpa*

An evergreen tree, up to 10m in height, with a dense, spreading canopy. It has prolific pink flowers that appear in late winter, spring and summer. It will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Teresa Court, Paralowie.

Power line side



Dwarf SA Blue Gum
Eucalyptus leucoxylon 'Euky Dwarf'

An evergreen tree, up to 7m in height, with spreading canopy. This tree can have white, pink or red flowers appearing autumn through to early summer. It will tolerate a range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: James Lane, Salisbury (car park).

Option 2:

Non-power line side of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.

Power line side



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.

Option 3:

Non-power line side of street



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.
Local example: Lassock Avenue, Lockleys.

Power line side



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA.
Local example: Lassock Avenue, Lockleys.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Ruby Street, Brahma Lodge

Option 1:

Non-power line side of street



Golden Rain Tree
Koelreuteria paniculata

A deciduous tree, up to 10m in height, with a broad canopy. It has bright yellow flowers in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. It is ETSA and SA Water approved. Local example: Rosetta Street, West Croydon.

Power line side



Golden Rain Tree
Koelreuteria paniculata

A deciduous tree, up to 10m in height, with a broad canopy. It has bright yellow flowers in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. It is ETSA and SA Water approved. Local example: Rosetta Street, West Croydon.

Option 2:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved. Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved. Local example: Talbot Street, Hilton.

Option 3:

Non-power line side of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn. This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.

Power line side



Australian Wilga
Geijera parviflora

An evergreen tree, up to 8m in height with a weeping canopy of leathery, green foliage. Small, white, citrus-scented flowers appear in winter and spring. This tree is tolerant a wide range of soils and climatic conditions and is recommended for small verges and under powerlines. It is approved by SA Water and ETSA. Local example: Lassock Avenue, Lockleys.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Salmon Court, Parafield Gardens

Option 1:

Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.
Flowers are bird attracting.

Option 2:

Both sides of street



Sugar Hack Berry
Celtis laevigata

A deciduous tree, up to 12m in height, with a rounded, dense canopy of glossy, green leaves. Flowers are insignificant.
This tree is suitable for a range of conditions and soils, and is drought tolerant. It is recommended for medium verges and is SA Water approved.
Local example: Maidos Grove, Valley View.

Option 3:

Both sides of street



Ivory Curl Tree
Buckinghamia celsissima

An evergreen tree, up to 8m in height, with glossy, green leaves and cream brush-like flowers that appear in summer through to autumn.
This tree will tolerate a wide range of soil and climatic conditions. It is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Sander Court, Burton

Option 1: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Option 2: Both sides of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 3: Both sides of street



Callery Pear
Pyrus calleryana 'Bradford'

A deciduous tree, up to 12m in height, with a dense canopy. Dark green foliage is thick and glossy, becoming red, orange and purple in autumn. White blossom flowers appear in spring. This tree is recommended for small and medium verges.
Local example: Redin Street, Richmond.

Sharon Avenue, Parafield Gardens

Option 1:

Non-power line side of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.
Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Power line side



Field Maple
Acer campestre 'Elsrijk'

A smaller Maple, up to 7m in height. It has a rounded, dense canopy of bright green foliage. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.

Option 2:

Non-power line side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Large Fruited SA Blue Gum
Eucalyptus leucoxylon ssp. megalocarpa

An evergreen tree, up to 10m in height, with a dense, spreading canopy. It has prolific pink flowers that appear in late winter, spring and summer. It will tolerate a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Teresa Court, Paralowie.

Power line side



Dwarf SA Blue Gum
Eucalyptus leucoxylon 'Euky Dwarf'

An evergreen tree, up to 7m in height, with spreading canopy. This tree can have white, pink or red flowers appearing autumn through to early summer. It will tolerate a range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: James Lane, Salisbury (car park).



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Shaxton Street, Salisbury North

Option 1: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Option 2: Both sides of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Option 3: Both sides of street



Field Maple
Acer campestre 'Elsrijk'

A smaller Maple, up to 7m in height. It has a rounded, dense canopy of bright green foliage. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Shepley Crescent, Burton

Option 1: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Option 2: Both sides of street



Crows Ash
Flindersia australis

An evergreen tree, up to 20m in height, with a dense canopy. Foliage is long and narrow, dark green in colour. Small, white flowers appear in summer and seed pods following. This tree is tolerant of a range of climatic conditions and is recommended for medium verges.
Local example: Tennyson Street, Kurralta Park.

Option 3: Both sides of street



Autumn Blaze Maple
Acer freemanii 'Jeffers Red'

A deciduous tree, up to 15m in height. It has an upright, rounded canopy with bright green foliage that turns varying shades of red in autumn. This tree tolerates a range of soil and climatic conditions and is recommended for medium verges.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Statham Avenue, Salisbury East

Option 1:

Non-power line side of street



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Power line side



Chinese Pistachio
Pistacia chinensis

A deciduous tree, up to 10m in height, with a rounded canopy. It has fern-like foliage that turns from bright green to crimson red in autumn. It is tolerant of a range of soil conditions. This tree is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Talbot Street, Hilton.

Option 2:

Non-power line side of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.
Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.

Power line side



Golden Rain Tree
Koelreuteria bipinnata

A deciduous tree, up to 10m in height, with a spreading canopy. Bright yellow flowers appear in summer. This tree is tolerant of a range of climatic conditions. It is recommended for small verges and under powerlines. This tree is ETSA and SA Water approved.
Local example: Atlanta Avenue, Ingle farm.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Stella Court, Salisbury North

Option 1: Both sides of street



Coral Gum
Eucalyptus torquata

An evergreen tree, up to 8m in height, with an open crown of grey-green foliage. It has a rough dark trunk and showy orange-pink flowers for most of the year. This tree is recommended for small verges and under powerlines, and it is SA Water approved.
Local example: Salisbury Highway, Parafield Gardens.

Option 2: Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.
Flowers are bird attracting.

Option 3: Both sides of street



Field Maple
Acer campestre

A compact deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Target Hill Road, Salisbury Heights (Main North Rd to Ward Street)

Option 1: Both sides of street



Green Ash
Fraxinus pennsylvanica 'Urbanite'

A deciduous tree, up to 10m in height, with a dense canopy. It has dull green coloured foliage that turns bronze in autumn. This tree is tolerant of a range of soil and climatic conditions and is recommended for medium verges.

Local example: Silverbirch Place, Mawson Lakes.

Option 2: Both sides of street



Crows Ash
Flindersia australis

An evergreen tree, up to 20m in height, with a dense canopy. Foliage is long and narrow, dark green in colour. Small, white flowers appear in summer and seed pods following. This tree is tolerant of a range of climatic conditions and is recommended for medium verges.

Local example: Tennyson Street, Kurralta Park.

Option 3: Both sides of street



Brush Box
Lophostemon confertus

An evergreen tree, up to 15m in height, with a rounded canopy. It has leathery, dark green foliage with smooth, mottled bark and white flowers. This tree is recommended for medium verges and is approved by SA Water.

Local example: Harvey Avenue, Salisbury; Baldock Road, Ingle Farm.

Target Hill Road, Salisbury Heights (up from Ward Street)

Option 1:

Non-power line side of street



Mallee Box
Eucalyptus porosa

An evergreen tree, up to 10m in height, with a spreading canopy of dull-green foliage. It has flaky, grey-brown bark and small, white flowers that appear in spring and summer. This tree is a local native species. It is recommended for small verges and under powerlines, and is SA Water approved.
Local example: Young Boulevard, Paralowie.

Power line side



Purple-flowered Gum
Eucalyptus lansdowneana ssp. albopurpurea

An evergreen tree, up to 8m in height, with a spreading canopy. Flowers can be white to purple in colour and appear in autumn and spring. This tree is recommended for small to medium verge widths and under powerlines. It is approved by SA Water and ETSA.

Option 2:

Non-power line side of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer. Flowers are bird attracting.

Power line side



Kurrajong 'Bella Donna'
Brachychiton populneus x acerifolius Belladonna

This is a small to medium sized shade tree 6m high, offering glossy green foliage and pretty clusters of salmon pink, bell-shaped flowers in Summer. Flowers are bird attracting.

Option 3:

Non-power line side of street



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.

Power line side



Trident Maple
Acer buergerianum

A deciduous tree, up to 8m in height. It has a rounded, dense canopy of bright green foliage that turns yellow, orange and red in autumn. This tree tolerates a wide range of soil and climatic conditions. This tree is recommended for small verges and under powerlines.
Local example: Civic Square, Salisbury.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans





Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



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Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Teresa Court, Paralowie

Option 1: Both sides of street



Jacaranda
Jacaranda mimosifolia

A deciduous tree, up to 12m in height, with a spreading canopy. It has fern-like foliage and profuse purple flowers that appear in spring and summer. This tree is recommended for medium width verges and is SA Water approved.

Local example: Goodall Crescent, Salisbury; Davis Street, Salisbury

Option 2: Both sides of street



Chinese Tallow Tree
Triadica sebiferum

A deciduous tree, up to 8m in height, with a dense canopy. It has heart shaped foliage that turn red, orange and yellow in autumn and inconspicuous yellow-green flowers.

This tree is recommended for small verges and under powerlines, and is SA Water approved.

Option 3: Both sides of street



Jerilderie Red Kurrajong
Brachychiton x populneus 'Jerilderie Red'

This is a medium sized evergreen shade tree up to 8m high, offering glossy dark green foliage and pretty clusters of red, bell-shaped flowers in Summer.

Flowers are bird attracting.



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Yarcowie Avenue, Ingle Farm

Option 1: Both sides of street



Dwarf Claret Ash
Fraxinus angustifolia 'Raywoodii' ornus

A deciduous tree, up to 6m in height, with a dense canopy. It has dark green coloured foliage that turns purple-red in autumn. Fragrant, creamy-white flowers appear during winter and summer. This tree is recommended for small verges and is approved by SA Water and SAPN.

Option 2: Both sides of street



Callery Pear
Pyrus calleryana 'Bradford'

A deciduous tree, up to 12m in height, with a dense canopy. Dark green foliage is thick and glossy, becoming red, orange and purple in autumn. White blossom flowers appear in spring. This tree is recommended for small and medium verges. Local example: Redin Street, Richmond.

Option 3: Both sides of street



Dwarf SA Blue Gum
Eucalyptus leucoxylon 'Euky Dwarf'

An evergreen tree, up to 7m in height, with spreading canopy. This tree can have white, pink or red flowers appearing autumn through to early summer. It will tolerate a range of soil and climatic conditions. This tree is recommended for small verges and under powerlines. Local example: James Lane, Salisbury (car park).



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans



Item AMSC2 - Attachment 1 - Appendix A – Tree images and tree removal/planting plans

Appendix B - Summary of 2021/22 Street Tree Renewal Consultation

Residents not wanting tree to be planted

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
58 Beadell street	We do not wish to have any trees planted in the front of our house as it detracts from the street appeal of our house. We have had trees in the front before and the roots were damaging our lawn and we couldn't get it to grow there and lifting our retaining wall. The trees that you have selected do nothing but make a mess and have to be continuously cleaned up when they drop ALL of their leaves and branches which the Jacaranda tree does frequently.	Plant 1 Tree	Planting to proceed
10 David Road	I am viewing the tree options for 10 David Rd Para Vista. There is a plan for 2 trees on my verge which I do not agree with. I am happy to have one in the middle. Preferably Kurrajong Bella Donna. Certainly not 2 trees 8m tall and I assume a similar width. I actually prefer no trees as the verge is easy to mow, doesn't obstruct my view and keeps my garden tidy. I don't recall being asked if I wanted a tree. Please pass my information on to the appropriate people.	Plant 2 Tree	Reduced to 1 tree per frontage
7b Furner Avenue	I don't want a tree out front of my house as it would destroy the lawn and pop up sprinklers I've had installed by Akers of lawns. I've always taken care of this area.	Plant 1 Tree	Tree will be planted
4 Gully Drive	doesn't want a tree at all, Concerned it will block your view and will devalue property in time	Plant 1 Tree	Tree will be planted
1 Gully drive	Our preference is for no new trees at or near our property. Trying to reverse out of our driveway is already difficult due to the angles of the roadway. Also, already having lots of trees around AND being on the low side of the road, causes problems for our gutters and storm water	No Tree planned	No Change

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
	drainage when there is a lot of rain. If new trees (especially the tree options offered), create any more mess, this will exacerbate our storm water problem so we definitely don't want anymore trees at our end of the street.		
11 Gully Drive	Alan, the owner of 11 Gully Dr, Gulfview Heights (vacant block) wants to discuss the street scape renewal. The map shows there will be 2 trees planted either side of the existing street light and he's concerned when he builds there isn't going to be any space to put the driveway	Plant 1 Tree	Reduced to 1 tree per frontage
12 Gully drive	We don't want any trees planted in front we have enough and the ones planted behind us are growing over our fence not maintained at all massive fire hazards as well as can fall and crush our garage or whoever is in it at the time. I think it's a horrible idea especially to plant any of the trees shown in the picture.	Plant 1 Tree	Tree will be planted
16 Gully Drive	I would like to register my concern about planting any trees on the verge in front of our family home which will likely interfere with our view as the trees grow and mature. We would like to request to please consider alternative placement.	Plant 1 Tree	Tree will be planted
20 Gully Drive	Res is going to build on the block probably within 12 months, it is proposed to have the driveway to the southern side of the block. Need to consider the development and if 1 or 2 trees is appropriate. Also asked about the reserve area near 22 which may need additional planting and clean out.	Plant 1 Tree	Tree will be planted
32 Gully Drive	We received a webchat this afternoon from a resident requesting to NOT get a street tree please. Reason: We have spent much time and money beautifying our frontage - as have many in our street. We do not want any tree at the front of our property, dropping all the leaves and flowers on our front yard.	Plant 1 Tree	Tree will be planted

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
4 Gully Drive	NO TREES NESSACERY ! WILL ONLY TAKE AWAY OUR GLORIOUS VIEWS	Plant 1 Tree	Proceed as per plan
20 Kingswood Crt	Bob does not want a tree in front of his house as he has an irrigation system and lawn that he mows and a tree would damage it.	Plant 1 Tree	Tree will be planted
22 Kingswood Crt	The options chosen are not suitable for Street Trees as their size is too large, drop fruit, leaves, branches & break up gutters & foot paths, most of which will end up at my front door when a northerly wind blows, this is usually in the summer months. At the moment very little maintenance of Street Trees is done in Kingswood Crescent by Council. Gutter & Storm Water Drain Cleaning is non-existent by Council in Kingswood Crescent. The current trees in Kingswood Crescent are causing damage to Foot Paths & Gutters & Storm Water Drains of which Council are not maintaining or repairing. The addition of more trees in Kingswood Crescent will cause more damage to Council infrastructure that is not & will not be repaired by Council at the moment or in the future. It is obvious that Council has insufficient funds to maintain & repair the infrastructure it has now without adding to the problem of planting unsuitable trees and increasing a financial burden on it's residents.	Plant 1 Tree	Tree will be planted
5 Lombard Ave	Please consider planting fewer trees between 1-21 Lombard or only 1 or 2 new trees around no. 5 Lombard- this is because currently there is a gutter drainage issue caused by foliage by current trees & 'retained tree' at no. 3; which causes street flooding in heavy rain & constant stagnant water in front of no.1,3 & 5 (insignificant drainage due to gutters positions only at no.21 and no.1 Lombard Ave).	10 Trees proposed	Proceed as per plan
14 Newlyn Terrace	14 Newlyn Terrace I have put in a new lawn so I would be happy not to have a tree thankyou.	Plant 1 Tree	Tree will be planted

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
13 Newman Avenue	Resident advised she have rubble verge to park her truck and trailer so does not want a trees.	Plant 2 Tree	Parking on the verge is illegal, Reduced to 1 tree per frontage
62 Nicholls Cres	None please. None are native to Australia.	Plant 1 Tree	Tree will be planted
33 Nicholls Crescent	No other tree should be planted in front SE of the property as it is used as a driveway and will also impede the pickup and drop off ability of our son who uses a SCOSA disability pickup van.	Corner block, plant 1 tree per frontage	Verge being used illegally for access property already has 2 driveways. Tree will be planted
11 Panto Ave	In regards to the tree planting at: 11 Panto Avenue, Paralowie., She would like to object to the location of planting. Concerned about underground services and their xmas displays etc.	Plant 1 Tree	Tree will be planted
13B Panto Ave	He would like to request no tree in front of his house, rather than select one of the options.	Plant 1 Tree	Tree will be planted
6 Park Way	We already have enough trees. No need for more.	Plant 5 Tree	No change – wide and long verge
9c Park Way	concerned about 5 trees being planted on the verge in front of the property, he thinks 2 or 3 due to services.	Plant 5 Tree	Plant 3 trees Wide verge"
12 Pele Avenue	question about needing to have a tree as they have installed art turf on the verge.	Plant 1 Tree	Proceed as per plan
26 Penong Crt	Natalie would like to speak to you about the proposed street tree which she would like to request not to have as she is already experiencing problems with the existing verge trees in front of her neighbour's house and she is. does not want tree planted due to sewer problems, roots in garden from neighbouring regulated tree also on a bend and thinks having a tree planted, will also obstruct view of traffic see.	Plant 1 Tree	Tree will be planted
13 Petunia Ave	Can I please choose not to have a tree in front of our house. We do understand the advantages of having a tree in front of our home. But We took special request from the council to lay artificial law in front of our house all the way to the kerb.	Plant 1 Tree	Reassessed, location is suitable for planting

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
	So if we have a tree, we will have to brush the artificial lawn many times in a month and will also destroy the visual appearance of the house and will also destroy the artificial lawn. So please reconsider the decision.		
3 Pine Court	If you are putting trees in, where are you expecting us to put our bins on bin night? Clearly they can't go on the curb if you are taking it up with a tree	Plant 1 Tree	Tree will be planted in line with Verge Development Approval Item 4
28 Raner Ave	Hello, I would kindly like to propose that no tree be installed at the front of my property at number 28 Raner Ave .	Plant 1 Tree	Proceed as per plan
14 Sharon Ave	why cant i have a fruit tree instead like a lemon/lime one that dont drop its leaves	Plant 1 Tree	Tree will be planted
16 Sharon Ave	I have lived here for over 40 years and have never had a tree out the front of my house one reason is I reverse a large caravan onto my yard and find it will get in the way causing me to run over it to get my van in place. As my frontage is narrow due to position on the street there would be no where to put one. I hope you understand my concern and consider not placing a tree out the front	Plant 1 Tree	Over 6m frontage, Tree will be planted
22 Statham Ave	She was wondering if she could not have any trees planted outside her house.	Plant 2 Tree	Reduced to 1 tree per frontage
10 Stella Court	Has planted buffalo turf on the verge and does not want a tree planted due to the mess that it would cause due to her age	Plant 1 Tree	Tree will be planted
3 Stella Court	She would prefer not to have a tree planted in front of her property due to litter from trees.	Plant 1 Tree	Tree will be planted
77 Target Hill Road	He asked if they could now put an application in for a driveway. Also asked why 2 trees were to be planted not 1 like the other properties.	Plant 2 Tree	Second driveway approved, plant 1 tree
10 Yarcowie Ave	I currently have an underwater system that I installed when I laid new turf 2 years ago!! I believe this tree will effect that	Plant 2 Tree	Reduced to 1 tree per frontage

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
16 Yarcowie Ave	Why two trees and are the roots going to invade the house drains. Like the big trees do in number 14. In the back yard. Also do they drop bark and leaves.	Plant 2 Tree	Reduced to 1 tree per frontage
26 Yarcowie, Ave	He said he prefers not to have any, concerns about litter, branches overhanging property, into power lines etc.	Corner block, Plant 2 trees on each frontage	Reduced to 1 tree per frontage

Residents wanting additional trees planted

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
13 Bogota Crt	First off I strongly object to the destruction of any tree unless it harbours a contagious disease or fungus etc or is a high safety risk eg limb dropping. Looking at the map it seems to me that far too many are being cut down and there are many empty spaces in between existing trees where new ones could be planted. In front of my house at 13 Bogota Cres. you propose to cut down the only tree on my frontage with no replacement and leaving me with a large area of nothing where you could put at least 2 trees. Why is there no replacement tree planned for my verge? You would be aware that Adelaide loses around 75,000 trees every year so we can't afford to keep up this vandalism in the face of global warming. I seem to remember that one of the satellite images showing tree loss was in the Salisbury area so there is plenty of room for improvement in this council area. With your plan you are cutting down nearly as many trees as you are planting and as the newly planted trees will take years to grow we are left with with a net loss in tree cover, less cooling in our ever hotter summers and less carbon capture. So to finalise my statement by looking at the satellite image the new trees could easily slot in amongst the existing trees and would eventually provide a really useful amount of cover. This should be done for every street and don't get me started on the Little Para linear park where thousands of trees and shrubs could be planted.	No Replant	Plan updated to 2 trees
3B Yarcowie Ave	We own 3B Yarcowie Ave and note no tree will be planted; however next door at 3A it is planned that a tree will be planted. The available area on the nature strip is approximately the same. We have a tree in our front yard but that is on our property. Is there a way we can have planted? Thanks Danielle	No Tree	Private tree will impact verge tree. Proceed as per plan.

Residents wanting additional trees Removed

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
47 Beadell St	I would like the tree between 47 and 49 be replaced with Autumn Blaze Maple. The tree has always struggled and I think the Autumn Blaze Maple would look stunning next to my trees I have now.	Retain 1 Tree	Approved Remove and Replant
2A Century St	would like tree in front of her house removed	Retain 1 Tree	Approved Remove and Replant
8 Grant Ave	Good Morning Kylie, Lovely to speak with you as always. We first complained about the tree, planted by Council in Century St when the housing estate was new, about 20-25 years ago and again several times since. It's roots have lifted fences, pavers and concrete slabs creating tripping hazards. (Our daughter is disabled with impaired mobility and I have bursitis and arthritis in both hips) We have had to repair or replace the damage each time ourselves. Every time we complained Council have removed the footpath pavers and cut out some of the roots. I am scared this is undermining the tree. Apart from the destructive roots the canopy has gotten so large it covers our pergola. Large branches now regularly drop onto the tin roof. As we are ageing it is becoming increasingly difficult for us to maintain the mess and the repairs are a financial burden. Our last communication with Council suggested they would review the tree again when the Street Tree Renewal Program was to take place but as you can see from the plan it is marked to stay. Strangely the similar tree opposite it will be removed.	Retain 1 Regulated Tree	Review Regulated Tree Report Development Application lodged for removal.
6 Trueman	Request to remove existing tree and just have the 2 new ones using existing hole from previously removed tree.	Retain 1 Tree	Approved Remove and Replant
8 Trueman	Asked for the 2 trees on the Charlton side to be removed and replaced with Chinese Pistachio trees., The current trees drop nuts and they are a	Retain 2 Tree	Approved Remove x2 and Replant x2

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
	slip hazard as she is elderly and wants to eliminate the risk as she fell on Friday just gone.,.		
24 Edward St	Chop them all down; they are a hazard that the Council doesn't care to monitor. The trees distort the road and footpaths and damage our houses.	No Trees in front of property	No action
27 Edward st	I would like to know how you decided which trees were to be removed as I have THREE trees that have been causing trouble for some time but only one is being removed.	Retain 1 Significant Tree, Remove 1 Significant Tree	Review Significant Tree Report - Only 2 trees within the verge, 1 divide very low to the ground) Development Application lodged for removal of tree closest to driveway.
16 Dale	Ask for the tree that appears to be one of the ones that is being kept to be removed at number 16., He says it's a council tree but on the map it looks like its within his boundary..., Is it possible for this tree to be removed please?, If not can it be heavily pruned?, He wants to add a new driveway to have rear access and would prefer the tree to be removed.	Remove 4 tree/shrubs, Retain 1 Tree	Approved Remove and Replant
3 Fender Court	Street tree between 3 and 4 Fender Court, Paralowie, Resident has received the letter to say that this tree will be retained however they would like it to please be removed (advised that his neighbour also agrees), His concerns are as follows:, - Tree wasn't planted by CoS but a previous resident, - Lifting his driveway, - Damaging his stormwater pipes, - Issues closing his sliding gate, - Worried about ETSA box nearby.	Retain 1 Tree	Approved Remove tree no replant
1 Palm Ct	would like existing tree removed and replaced due to litter and would like to extend turf along Gardenia.	Retain 1 Tree	Approved Remove and Replant
5 Hood St	Res wants Gum trees in the reserve opposite also removed due to litter.	Retain 3 Tree and 1 Regulated Tree on Reserve	Reserve trees are out of scope

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
3 Jon Rd	Can the tree on the property line of 249 Whites Rd and 3 Jon Rd please be removed. It's branches are continuously hanging over the power lines over our backyard despite being cut previously so it is a real hazard.	Whites Rd not being considered	Out of scope
9 Keith St	Requested that the tree to be retain be removed and the tree to be removed retained.	Retain 1 Tree, Remove 1 Tree	Tree requested to be retained is in decline and should be removed, remove second tree and replant x2 trees
10 Kingswood Crt	The large tree at the front of house is lifting the road, my driveway, and making front lawn undulating	Retain 1 Regulated tree	Development Application to be lodged for removal Replant if supported
7 Kingswood Crt	Do we have an option to remove more trees as there is also another tree that is damaging my property out the front for the past 20 years	Retain 2 Trees, Remove 6 Trees	Property has 3 frontages Approved, remove 8 trees, replant 5 Trees
16 Kingswood Crt	All the other houses in our side of the court are set back from the road, whereas ours is much closer to the verge. This is why ours is problematic.	Retain 1 Regulated Tree	Development Application to be lodged for removal Replant if supported
8 Kingswood Crt	Can the tree in front of 10 Kingswood crescent be removed as it is causing my driveway to lift ?	Retain 1 Regulated tree	Development Application to be lodged for removal Replant if supported
8 Lincoln Crt	I please request that the review of the remaining tree on 8 Lincoln Crescent and this also be replaced.	Retain 1 Tree, remove 1 tree	Approved Remove x2, replant x2
10 Lombard Ave	The verge tree between 10-12 Lombard has lifted the Driveway for 10 Lombard Avenue, and they have had to pay for ongoing issues, pavers are now lifted, tree roots keep growing, They are old and cannot keep up. The tree causes too many leaves and they can't keep up with the gutter cleaning	Retain 1 Regulated Tree	Development Application to be lodged for removal Replant if supported
12 Lombard Ave	received a letter advising that some trees in her area are going to be removed and she was hoping to add in a tree out the front of her house to this	Retain 1 Regulated Tree	Development Application to be lodged for removal

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
	project? Has concerns about the litter as her has MS,		Replant if supported
11 Manuella Court	Alan advised that the reg tree marked to be retained was inspected by CoS a few months ago and was advised that it had a structural defect and should be removed.	Retain 1 Regulated Tree	Development Application to be lodged for removal Replant if supported
2 Manuella Court	Whilst we are so delighted at the prospect of having a better looking street scape we are perplexed that there will be one of the existing trees left, with the replacement trees it would look odd in our opinion.	Retain 1 Tree Remove 1 Regulated Tree, Remove 1 Tree	Review Regulated Tree Report - Lodge DA Remove x2 other trees and replant x 3 Trees
11 Margarita St	Hi, Can you please review the 2 gum trees in front of my place, because there has been a lot of closed calls incidents that happen on strong windy days/nights where the branches break off and nearly hit my car! Every time there's a bad weather coming I moved my car to my neighbours carpark, with permission of course.	Retain 1 Tree, retain 1 Regulated Tree	Development Application to be lodged for removal Replant if supported
19 Mayo Crt	He would prefer to see both trees remove and a replacment tree planted, if one tree has to stay could they be swapped.	Retain 1 Tree, Remove 1 tree	Approved Remove x2 Trees and replant x1
5 Mayo Crt	These 2 trees shed leaves and red flowers over a greater percentage of my house and out buildings causing the gutters to overflow I explained i am now 74 years of age and having difficulty climbing on the roof and do not feel safe Further to this there is a continuous leaf and flower litter problem on my front lawn, driveway and back yard which takes me a the best part of the day to cleanup on a regular basis As these 2 trees are marked to be retained I request that they be removed and replaced with a more appropriate variety of tree	5 Retain 1 Tree 7 Retain 1 tree	Approved Remove x2 Trees and replant x2
unit 1, 25 Mayo Crt	Would like tree to be retained removed	Retain 1 Tree, remove 1 Regulated tree	Review Regulated Tree Report - Lodge DA

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
			Remove and replant x2
3 Merlot Court	Please call resident Anthony Saunders on 0451 389 835 regarding street scaping letter he received for Merlo Court, Burton. Would like the tree to be retained removed and replaced.	Retain 1 Tree	Remove x2 and replant x1
20 Newlyn Terrace	He would like to make sure the middle tree which is dead gets removed out the front of his property at number 22	Retain 2 Tree, remove 1 tree	Dead tree already marked for removal
33 Nicholls Crt	The tall gum tree on the SW corner of the property should be cut down as one tree root(75mm) has reached the house foundation and raises a major concern what damage it may have done already. The SE located tree should not be retained as it has dropped a limb in the past and leaves very dangerous gum nuts acting like ball marbles on the sloped verge No other tree should be planted in front SE of the property as it is used as a driveway and will also impede the pickup and drop off ability of our son who uses a SCOSA disability pickup van.	Corner block, Retain 1 Tree, remove 1 tree	Approved Remove x2 Trees and replant x2
68 Nicholls Crt	would like to tree to be retained removed if possible and replaced with a new tree.	Retain 1 Tree	Approved Remove and Replant
15 Pele Ave	Can you please replace both trees.	Retain 1 Tree, remove 1 Tree	Approved Remove x2 and replant x1 tree
30 Penong Crt	would prefer for the reg tree be removed and the smaller tree retained.	Retain 1 Reg Tree, remove Tree	Reassess trees DA for reg retain non reg
54 Penong Crt	Is there any chance of getting rid of a tree on Diment road behind 54 Penong Crescent	Diment Road not being considered	Out of scope
2 Salmon Court	would like the tree in front of his house removed and replaced as it is a messy tree.	Retain 1 Tree	Approved Remove and Replant
28 Sharon Ave	My question is our council leaving ANY black gum trees on Sharon Avenue at ALL? I would like to know the reason. After years of complaining I'd like to not just have one, but at the very least,	28 - Retain 1 Tree, remove 1 tree	Approved

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
	have both of the black gum trees in front of #28 Sharon Ave removed and also the ones in front of #26.	26 – Retain 1 tree, Remove x2 Trees	Remove x2 Trees and replant x2
15B Sharon Ave	Tree removal from in front of 15b Sharon Ave. See email from me dated 7/3/22 detailing concerns and requested removal in tree program process.	Retain 1 Regulated Tree	Development Application to be lodged for removal Replant if supported
33 Statham Ave	Can you please give Mrs Sabatini a call on 0448 644 431 its regarding the trees at 33 Statham Ave, Salisbury East. Litter, disabled, staining cloths/cars, lifting K&G. wants tree removed.	Retain 1 Tree	Development Application to be lodged for removal Replant if supported
35 Statham Ave	His is a rental property that has sewer issues 2-4 time a year so would like to see the existing tree removed, the tree is noted as regulated, chose not to put a vote in as he does not live in the street.	Retain 1 Regulated Tree	Development Application to be lodged for removal Replant if supported
1 Leigh S (Target Hill Rd)t	There are 2 pine trees on the verge that grew after council put soil there years ago. one is dying & they are an eye saw. I am hoping they will be removed also. Thank you.	Retain 2 Trees, Remove 5 Trees	Approved Trees are being removed
120 Target Hill Rd	two trees out the front of his property that he would like removed. They haven't been earmarked for removal, however, he has explained that they are incredibly destructive. Apparently, they are sprouting roots everywhere and from those roots, there are small trees starting to grow. The trees in question are a grey coloured tree with fine needle like leaves, and apparently, they look dead in appearance.	X2 Sheoak's not picked up in audit as they appeared to be on private land	Approved X2 additional trees to be removed x1 tree planted

Residents wanting to retain Trees

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
13 Bryant Ave	Salisbury council has been in the news recently for having a large % of large tree reductions in suburbs, why do the healthy larger trees on the none power line side of the street, outside house number 14 have to be removed?	Remove x2 Robinia with poor structure	No change
51 Edward Street	does not want the tree in front of her house replaced, she maintains the area.	Remove poorly maintained Prunus	Retain
5 Gully Dr	Resident planted the Ash tree's in his verge 30 years ago, he would prefer that they stay. Explained that we are looking to achieve uniformity and a larger size tree for the street. Appreciates that his comments are being registered with Council.	Remove x2 Evergreen Ash trees.	Retain x2
6 Keith St	res is concerned that so many trees are being removed from the street, he would like more tree to be retained also wants more Australian natives planted.	No tree at this address, comment about the whole street.	No Change
18 Kingswood Crt	I am writing to you for the simple fact that i want the tree to be saved and stay as it is. I have many reasons but most importantly this tree provides a stable food source for local bird life specifically peach face love birds and other fauna. Also the afternoon sun is impeded by the tree which saves my power in cooling. Who is going to cover future costs that will be incurred as a result of the excess sun exposure on my property.	Remove Regulated Tree	Review arb report
10A Lincoln Crt	Hello, just curious if there is an option to not remove the gumtree opposite 8 Lincoln Crescent, Pooraka	Remove tree at #9	Tree some distance from this property. No Change
11 Merlot Court	Would like all tree that they planted around their property retained.	Remove x3 Resident planted trees	Retain x3 trees
6 Merlot Court	I hope the tree being replaced in front of the property is in the very close proximity of the removing tree. Also, #11 should retain all 3 trees.	As above	As above
48 Penong Crt	What's wrong with the trees already there? I feel one should stay so then it can protect the new one from the (sometimes) harsh sun?	Remove x1 Regulated tree, remove x1 Tree	Retain x2 trees
11 Petunia Ave	very disappointed that so many large trees are to be removed, does not want any tree removed, also disappointed that a non-native sp has been given as an option We are so lucky to have large trees in our street that provide cooling, shade, food and homes for birds. Don't remove these trees! I see them slowly taken away and it is deeply depressing. Please don't remove these trees!	No tree at #11	See note for #7

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
7 Petunia Ave	I am writing this email because I have some questions about the tree program and the plans on Petunia Avenue Pooraka. I would like to understand the reason why these trees are supposed to get cut down, particularly the two in front of house number 7, and also if this needs to happen.	Remove x1 Regulated tree, Remove x1 Tree	Retain x2 trees
47 Shepley Crt	Why are you removing so many adult tree's before these trees have been planted. Please leave the adult trees until the new ones are established 10 years. The removal of the adult trees will cause it to get hotter in summer here and we don't want that.	No tree at #47	No Change
19 Target Hill Road Rd	His verge trees are listed for removal for the street tree renewal but he would like to have them retained.	Remove x1 Regulated Tree, retain x2 trees	Retain x3 trees
3 Munro Ct (Target Hill Rd)	I am a Resident Of Salisbury Heights, and have lived in the area for many years and also work full time as a Registered Nurse at the Lyell McEwin Hospital. I have also given a presentation at the Salisbury Council Chambers on recycling and the importance of trees in the Suburban environment. As an active member of the community and environmentally aware of the benefits of trees in suburban areas for heat mitigation, wildlife corridors and promotion of habitat for birds and wildlife, it is important that trees are in the forefront of planning in suburban areas. I would like to put my vote forward for the number 2 Tree option, the Crows Ash Tree (Flinders Australis) as this appears to offer good coverage and habitat for birds and wildlife. Additionally, I would also like to request that a Ghost Gum tree situated out the front of Number 8 Target Hill Road is retained as it looks to be in good health and also a number of Kookaburra's frequent the tree on a daily basis.	#8 Target Hill Rd Remove x1 Regulated Tree, remove x 3 Trees	Reassess tree onsite
7 Target Hill Rd	We would like to urgently discuss this with you as the council have proposed to remove significant trees that will impact not only the street but more importantly to us, our shade and vista. We are in the processes of renovating our property and have planted in our front garden to enhance and blend with the existing canopy. We have spent lots of time, effort and \$ on our front garden, to incorporate the view of the trees as we are relying on the shade of the trees for our front garden for our children and grandchildren to enjoy. To have these removed will negatively impact our privacy, shade and wind break. It will	Remove x 2 trees	Retain x2 Trees

Address	Resident's Concerns	Initial Proposal	Recommended Outcome
	<p>also deprive & disadvantage us of the benefits of 40 Year old mature healthy trees with a beautiful canopy. We wish to prevent 2 trees being removed and positioning of new trees. We are not in approval of the removal of 2 trees in front of our property and feel that this has not been consulted with rate payers. The consultation is only on what trees to replace the proposed removed ones with. Recently the council trimmed the trees along our street in front of our properties. They also have repaired paving in front of our property due to tripping hazard. We have in the last month had SA Water out to replace the under ground piping to our property. The pipe they changed was displaced from natural earth movement and not affected by roots. We are on the councils "do not mow" register as we care for our verge. We have planted it with lawn and plants & installed sprinklers to beautify the front of our property. This shows we care for our properties' road side appeal. We would like some say in what happens and fear that our efforts will not be demolished & not respected. We are not the only property owners around us who care for their street appeal, numbers 3,4,5,7,8 & 10. Removing some of the trees suggested would be sacrilegious. I have supplied pictures from various angles to show the canopy's & shade provided. We support and applaud the council's decision to remove diseased, poor growing and "ugly" trees. We understand the council planners position on this matter - however, the reality is that the residents live here and look at this every day. The planners do not. They are making decisions on our behalf without consultation that affects us visually and not them.</p>		

Appendix C - Summary of Customer Requests 1 July 2020 to 1 April 2022

Request	Initial Proposal	Consultation Request	Recommended Outcome
Beadell Street, Burton			
Fallen Branch / Tree			
43 Beadell Street	Retain		
Trees Vandalised			
27 Beadell Street	New tree		
Bogota Crescent, Paralowie			
Fallen Branch / Tree			
16 Bogota Crescent	Regulated remove		
Pruning			
11 Bogota Crescent	Keep		
15 Bogota Crescent	Remove		
28 Bogota Crescent	Remove		
8 Bogota Crescent	Keep		
Roots in Sewer/service/yard			
6 Bogota Crescent	Retain		
Tree Inspection			
20 Bogota Crescent	Replace		
Bryant Avenue, Ingle Farm			
Disease/borers/termites/scale			
11 Bryant Avenue	Remove		
Century Street, Salisbury Downs			
Pruning			
2A Century Street	Retain	Remove	Remove
7 Century Street	Already removed		
Tree Removal			
8 Grant Avenue	Retain Regulated	Regulated remove	Support removal
Charlton Drive, Salisbury East			
Fallen Branch / Tree			
21 Charlton Drive	Already removed		
9 Charlton Drive	Significant Retain		
Tree Inspection			
17 Charlton Drive	Already removed		
Tree Removal			
23 Charlton Drive	Already removed		
ETSA Line Clearing etc			
11 Charlton Drive	Retain		
Edward Street, Paralowie			
Fallen Branch / Tree			

Request	Initial Proposal	Consultation Request	Recommended Outcome
17 Edward Street 27 Edward Street	Significant remove 1 Significant remove, 1 Significant Retain	X2 Significant remove	Proceed as plan (1 remove, 1 retain)
Pruning 17 Edward Street 32 Edward Street	Significant remove X2 Remove		
Tree Inspection 17 Edward Street 27 Edward Street	Significant remove 1 Significant remove, 1 Significant Retain	X2 Significant remove	Proceed as plan (1 remove, 1 retain)
Fender Court, Paralowie Fallen Branch / Tree 1 Fender Court	1 Retain, 1 remove		
Tree Removal 7 Fender Court	Retain Regulated	Remove	Review arb repor
Furner Avenue, Ingle Farm Fallen Branch / Tree 4 Furner Avenue	Retain		
Pruning 4 Furner Avenue 5 Furner Avenue	Retain Retain		
Tree Removal 4 Furner Avenue	Retain		
Gardenia Drive, Parafield Gardens Pruning 1 Palm Court	Retain	Remove	Remove
19 Gardenia Drive	1 Retain, 1 remove		
20-36 Gardenia Drive	X6 remove, x2 Retain		
23 Gardenia Drive	Retain Regulated		
Suckers 20-36 Gardenia Drive	Already removed		
Graylon Way, Salisbury Park Pruning 30 Graylon Way	X2 Retain		
Gully Drive, Gulfview Heights Fallen Branch / Tree 10 Gully Drive	X1 Already Removed, x1 Retain Regulated Already removed		
3 Gully Drive			
Tree Removal 10 Gully Drive	X1 Already Removed, x1 Retain Regulated		
Hood Street, Salisbury East Pruning 3 Hood Street	X4 remove		

Request	Initial Proposal	Consultation Request	Recommended Outcome
Roots in Sewer/service/yard			
16 Engel Drive	X4 remove		
Jon Road, Paralowie			
Tree Inspection			
1 Jon Road	X1 Regulated remove, x1 remove		
Keith Street, Para Hills			
Fallen Branch / Tree			
8 Keith Street	Remove		
Tree Inspection			
2 Keith Street	Already removed		
8A Keith Street	Remove		
Tree Removal			
19 Keith Street	Remove		
Kingswood Crescent, Paralowie			
Fallen Branch / Tree			
16 Kingswood Crescent	Retain Regulated	Regulated remove	Development Application to be lodged
Tree Inspection			
16 Kingswood Crescent	Retain Regulated	Regulated remove	Development Application to be lodged
22 Kingswood Crescent	Retain Regulated		
Tree Removal			
16 Kingswood Crescent	Retain Regulated	Regulated remove	Development Application to be lodged
2 Kingswood Crescent	Already removed		
Lara Street, Ingle Farm			
Tree Inspection			
8 Lara Street	Already removed		
Lincoln Crescent, Pooraka			
Pruning			
27 Lincoln Crescent	Remove		
3 Lincoln Crescent	X2 Retain		
37 Lincoln Crescent	Already removed		
Tree Inspection			
28 Lincoln Crescent	Already removed		
Lombard Avenue, Paralowie			
Fallen Branch / Tree			
14 Lombard Avenue	Remove		
23 Lombard Avenue	X1 Regulated remove, x1 remove		
26 Lombard Avenue	Remove		
5 Lombard Avenue	X2 Remove		
Pruning			

Request	Initial Proposal	Consultation Request	Recommended Outcome
28 Lombard Avenue Roots in Sewer/service/yard	X2 Retain		
10 Lombard Avenue	Retain Regulated	Regulated remove	Development Application to be lodged
Tree Inspection 14 Lombard Avenue 5 Lombard Avenue	Remove X2 Remove		
Tree Removal 10 Lombard Avenue	Retain Regulated	Regulated remove	Development Application to be lodged
12 Lombard Avenue	Retain Regulated	Regulated remove	Development Application to be lodged
14 Lombard Avenue 18 Lombard Avenue 23 Lombard Avenue 28 Lombard Avenue	Remove X2 remove, x1 Retain X1 Regulated remove, x1 remove X2 Retain		
Ludwig Street, Paralowie Fallen Branch / Tree 10 Ludwig Street 8 Ludwig Street	Remove Remove		
Manuella Court, Paralowie Pruning 11 Manuella Court	Retain Regulated		
Tree Inspection 10 Manuella Court	Retain		
Margarita Street, Paralowie Fallen Branch / Tree 27 Margarita Street	Already removed		
Pruning 23 Margarita Street 9 Margarita Street	X2 Retain Already removed		
Roots in Sewer/service/yard 16 Margarita Street 9 Margarita Street	Retain Regulated Already removed		
Tree Removal 8 Margarita Street 9 Margarita Street	Already removed Already removed		
Marriott Avenue, Para Vista Pruning 27 Marriott Avenue 37 Marriott Avenue	X4 Retain Already removed		
Tree Removal 39 Marriott Avenue	Already removed		

Request	Initial Proposal	Consultation Request	Recommended Outcome
Marti Street, Salisbury North			
Roots in Sewer/service/yard			
15 Marti Street	Already removed		
Mayo Crescent, Salisbury Downs			
Fallen Branch / Tree			
Unit 2 / 23 Mayo Crescent	Retain Regulated		
Tree Inspection			
34 Mayo Crescent	Already removed		
Unit 2 / 25 Mayo Crescent	Regulated remove		
McInnis Avenue, Burton			
Fallen Branch / Tree			
5 McInnis Avenue	X2 remove		
Merlot Court, Burton			
Fallen Branch / Tree			
7 Merlot Court	X2 remove		
Pruning			
1 Merlot Court	Already removed		
10 Merlot Court	X4 remove, x1 Retain		
3 Merlot Court	X1 remove, x1 Retain	X2 remove	Remove x2 and replant x1
Tree Inspection			
3 Merlot Court	X1 remove, x1 Retain	X2 remove	Remove x2 and replant x1
Tree Removal			
10 Merlot Court	X4 remove, x1 Retain		
7 Merlot Court	X2 remove		
Montague (Service) Road, Pooraka			
Pruning			
11 Montague Road	Significant Retain		
Morris Street, Paralowie			
Fallen Branch / Tree			
1 Morris Street	Already removed		
306 Whites Road	X2 Regulated Retain, x1 Significant Retain		
Tree Inspection			
306 Whites Road	X2 Regulated Retain, x1 Significant Retain		
Side of 306 Whites Road	X2 Regulated Retain, x1 Significant Retain		
Newlyn Terrace, Parafield Gardens			
Fallen Branch / Tree			
16 Newlyn Terrace	Remove		
22 Newlyn Terrace	Already removed		
Newlyn Terrace Parafield Gardens			
Tree Inspection			
14 Newlyn Terrace	Already removed		
22 Newlyn Terrace	Already removed		

Request	Initial Proposal	Consultation Request	Recommended Outcome
Tree Removal			
22 Newlyn Terrace	Already removed		
Newman Avenue, Paralowie			
Fallen Branch / Tree			
24 Newman Avenue	X1 Regulated remove, x1 remove, x1 Retain	Councillor removal request	Remove x3, repla x2
Tree Inspection			
22 Newman Avenue	X2 Retain, x1 remove	Councillor removal request	Remove x3, repla x2
24 Newman Avenue	X1 Regulated remove, x1 remove, x1 Retain	Councillor removal request	Remove x3, repla x2
Nicholls Crescent, Burton			
Fallen Branch / Tree			
19 Nicholls Crescent	Remove		
8 Nicholls Crescent	Already removed		
Pruning			
26 Nicholls Crescent	Retain		
Tree Inspection			
19 Nicholls Crescent	Remove		
66 Nicholls Crescent	Remove		
8 Nicholls Crescent	Already removed		
Tree Removal			
19 Nicholls Crescent	Remove		
31 Nicholls Crescent	Retain		
6 Nicholls Crescent	Already removed		
8 Nicholls Crescent	Already removed		
Ora Court, Salisbury North			
Pruning			
2 Ora Court	X1 remove, x1 Regulated Retain		
Padilla Street, Paralowie			
Fallen Branch / Tree			
25 Paez Street	X2 remove		
Tree Inspection			
18 Padilla Street	X1 remove, x1 Retain		
Tree Removal			
18 Padilla Street	X1 remove, x1 Retain		
Panto Avenue, Paralowie			
Fallen Branch / Tree			
18 Panto Avenue	Retain		
Pruning			
18 Panto Avenue	Retain		
Park Way, Mawson Lakes			
Pruning			
54 The Walk	Retain		
Tree Removal			

Request	Initial Proposal	Consultation Request	Recommended Outcome
1 Third Avenue	X3 remove, x1 Regulated remove		
14 Park Way	X2 remove		
Pele Avenue, Salisbury East			
Disease/borers/termites/scale			
19 Pele Avenue	Remove		
Fallen Branch / Tree			
14 Pele Avenue	Remove		
Pruning			
20 Pele Avenue	Remove		
22 Pele Avenue	Already removed		
Penong Crescent, Salisbury North			
Fallen Branch / Tree			
20 Penong Crescent	Already removed		
3 Penong Crescent	Already removed		
30 Penong Crescent	Remove	Retain	
38 Penong Crescent	X2 Retain		
Pruning			
16 Penong Crescent	Retain		
24 Penong Crescent	Retain		
26 Penong Crescent	Retain Regulated		
52A Penong Crescent			
Tree Removal			
20 Penong Crescent	Already removed		
26 Penong Crescent	Retain Regulated		
42 Penong Crescent	Already removed		
52B Penong Crescent	Remove		
Perry Street, Salisbury North			
Pruning			
19 Perry Street	Retain		
Petunia Avenue, Pooraka			
Fallen Branch / Tree			
5 Petunia Avenue	X1 remove, x1 Retain		
Pruning			
4 Petunia Avenue	Retain		
Piccadilly Road, Salisbury East			
Fallen Branch / Tree			
35 Piccadilly Road	None		
45 Piccadilly Road	X2 remove		
Pruning			
35 Piccadilly Road	None		
Tree Inspection			
28 Piccadilly Road	Retain		
38 Piccadilly Road	X2 Retain		
Quadrant Avenue, Salisbury North			
Fallen Branch / Tree			

Request	Initial Proposal	Consultation Request	Recommended Outcome
34 Quadrant Avenue Pruning	Remove		
5 Quadrant Avenue Raner Avenue, Parafield Gardens Pruning	Regulated remove		
10 Raner Avenue Tree Inspection	Retain		
4 Raner Avenue Tree Removal	Regulated remove		
17 Raner Avenue River Drive, Para Hills Pruning	Retain		
17 River Drive Ruby Street, Brahma Lodge Fallen Branch / Tree	Remove		
15 Ruby Street	Already removed		
18 Ruby Street	Retain		
9 Ruby Street Pruning	Already removed		
15 Ruby Street Salmon Court, Parafield Gardens Pruning	Already removed		
7 Salmon Court	Remove		
8 Salmon Court Roots in Sewer/service/yard	Already removed		
5 Salmon Court Tree Inspection	Already removed		
14 Sanderson Court Sander Court, Burton Fallen Branch / Tree	Retain Regulated		
3 Sander Court	X2 remove		
9 Sander Court Sharon Avenue, Parafield Gardens Roots in Sewer/service/yard	Remove		
15B Sharon Avenue Tree Removal	Retain Regulated	Regulated remove	Development Application to be lodged
15B Sharon Avenue Shepley Crescent, Burton Fallen Branch / Tree	Retain Regulated	Regulated remove	Development Application to be lodged
10 Shepley Crescent	X2 remove		
13 Shepley Crescent Pruning	X1 remove, x1 Retain		

Request	Initial Proposal	Consultation Request	Recommended Outcome
11 Shepley Crescent	Already removed		
16 Shepley Crescent	Retain		
2 Shepley Crescent	Remove		
22 Shepley Crescent	X2 remove		
25 Shepley Crescent	Retain Regulated		
51 Shepley Crescent	X1 remove, x1 Retain		
60 Shepley Crescent	Remove		
Tree Inspection			
5 Shepley Crescent	Remove		
Tree Removal			
16 Shepley Crescent	Retain		
Statham Avenue, Salisbury East			
Disease/borers/termites/scale			
1 Statham Avenue	Already removed		
Fallen Branch / Tree			
27 Statham Avenue	Regulated remove		
Pruning			
19 Statham Avenue	Retain Regulated		
26 Statham Avenue	X2 remove		
27 Statham Avenue	Regulated remove		
6 Statham Avenue	Already removed		
8 Statham Avenue	Remove		
Roots in Sewer/service/yard			
1 Statham Avenue	Already removed		
33 Statham Avenue	Retain	Remove	Development Application to be lodged
4 Statham Avenue	X2 remove		
Tree Inspection			
35 Statham Avenue	Retain Regulated	Regulated remove	Development Application to be lodged
Tree Removal			
1 Statham Avenue	Already removed		
Stella Court, Salisbury North			
Pruning			
14 Stella Court	Remove		
Tree Inspection			
3 Stella Court	Already removed		
Target Hill Road, Salisbury Heights			
Fallen Branch / Tree			
26 Target Hill Road	Already removed		
85 Target Hill Road	X3 remove		
93 Target Hill Road	X4 remove		
95 Target Hill Road	X2 remove		
Pruning			

Request	Initial Proposal	Consultation Request	Recommended Outcome
22 Target Hill Road Yarcowie Avenue, Ingle Farm	Retain		
Fallen Branch / Tree			
9 Yarcowie Avenue	Remove		
Pruning			
27 Yarcowie Avenue	Remove		
Tree Removal			
9 Yarcowie Avenue	Remove		

ITEM	AMSC3
	ASSET MANAGEMENT SUB COMMITTEE
DATE	11 July 2022
HEADING	Interim Strategic Asset Management Plan (SAMP) - Consultation Outcomes and Adoption
AUTHOR	Dameon Roy, Manager Infrastructure Management, City Infrastructure
CITY PLAN LINKS	4.2 We deliver quality outcomes that meet the needs of our community 4.4 We plan effectively to address community needs and identify new opportunities 4.5 We engage meaningfully and our community is aware of Council initiatives
SUMMARY	This report provides an overview of the consultation outcomes for the Interim Strategic Asset Management Plan and recommends that Council adopts the Interim Strategic Asset Management Plan noting that a Revised Strategic Asset Management Plan will be submitted for Council's consideration in early 2023.

RECOMMENDATION

That Council:

1. Notes the Interim Strategic Asset Management Plan consultation outcomes.
2. Adopts the Interim Strategic Asset Management Plan, as *included in Attachment 1 (Asset Management Sub Committee – 11 July 2022 – Item AMSC3 – Interim Strategic Asset Management Plan)*
3. Notes that a revised Strategic Asset Management Plan will be submitted for Council's consideration in early 2023.

ATTACHMENTS

This document should be read in conjunction with the following attachments:

1. Interim Strategic Asset Management Plan - July 2022

1. BACKGROUND

- 1.1 At its meeting held on Monday, 26 April 2022 it was resolved that Council:

“1. Approves the Interim Strategic Asset Management Plan included in Attachment 1 (Asset Management Sub Committee – 11 April 2022 – Item AMSC4FI – Interim Strategic Asset Management Plan considered at the Urban Services Committee on Tuesday, 19 April 2022) for the purpose of public consultation, as part of Council's 2022/2023 Strategic Papers.

2. *Notes that a Revised Strategic Asset Management Plan is being developed and will be submitted to Council for review as part of the 2023/24 Strategic Papers.”*

Resolution 1312/2022

- 1.2 This report closes out the consultation process.

2. CONSULTATION / COMMUNICATION

2.1 External

- 2.1.1 The 2022/23 Interim Strategic Asset Management Plan has been out for public consultation from 30 May 2022 with the closing date for submissions being 20 June 2022.
- 2.1.2 Advertisements were placed in the Public Notices section of the Advertiser on 30 May 2022. The 2022/23 Interim Strategic Asset Management Plan was made available on the City of Salisbury Website and links to the document were included on social media pages (Twitter and Facebook).
- 1.1.1 Public comment was invited via Council’s website, by letter, email, or phone. The community were encouraged to submit their feedback electronically or in hard copy as part of this Public Consultation process, due to the current COVID-19 situation, however if a member of the community wanted to, they were given the opportunity to also attend the Council meeting in person.

3. REPORT

- 3.1 There were no verbal representations or written submissions on the Draft Interim Strategic Asset Management Plan (SAMP) as a result of the recently conducted public consultation process.
- 3.2 The Interim SAMP has been prepared based on Council’s endorsed Long Term Financial Plan (LTFP), and reflects modifications to asset renewal programs to accommodate increases in Levels of Service.
- 3.3 As highlighted to Council in the 11 April 2022 report, due to increases in some levels of service, an Interim SAMP was developed to ensure endorsed levels of service can be delivered in a manner consistent with the LTFP while risks are adequately managed for the short term. This has involved a significant slowing of renewal and upgrade programs in some cases, with the lives of some assets increasing significantly and the condition before replacement reducing in some asset categories.
- 3.4 The 11 April 2022 report also indicated that these changes to the SAMP need to be reassessed over coming months, weighing carefully the balance between community expectations, endorsed service levels, and long-term future expenditure by the Council, culminating in an updated SAMP being prepared. This is why the attached document is called an Interim Strategic Asset Management Plan, for Council approval.

- 3.5 As a short term solution, the Interim SAMP, which informed the 2022/23 Budget Bids is consistent with the LTFP and is acceptable from a management of asset related risk. However, it needs to be reviewed to ensure endorsed levels of service are financially affordable over the longer term (10 to 20 years), while still providing for future new projects, particularly those outlined in the 2035 City Plan.
- 3.6 Over recent months Council has been reviewing key asset classes, levels of service and associated financial forecasts, with the outcome being the preparation of a revised SAMP for public consultation in early 2023, which will integrate with the City Plan and LTFP and subsequently form part of Council's approved Strategic Papers for 2023/2024.

4. CONCLUSION / PROPOSAL

- 4.1 With the consultation completed and no submissions received, this allows the Interim Strategic Asset Management Plan (SAMP) to be approved as attached.
- 4.2 As discussed in the Interim SAMP, Council, over the next 9 months, is considering the Hierarchy and Criteria for Community Service Levels in more detail for 4 key asset classes. This includes Roads, Drainage, Buildings and Playspaces.
- 4.3 By undertaking this detailed analysis work, Council will be able to determine the appropriate funding required to renew these Asset Classes to maintain approved Community based service levels.
- 4.4 Given that this analysis, to be completed in a short period after this SAMP, and the review will consider 90% of Council's asset base, it was determined that the Strategic Asset Management Plan would be called "Interim", until this work was undertaken and a new SAMP brought back to Council in 2023.





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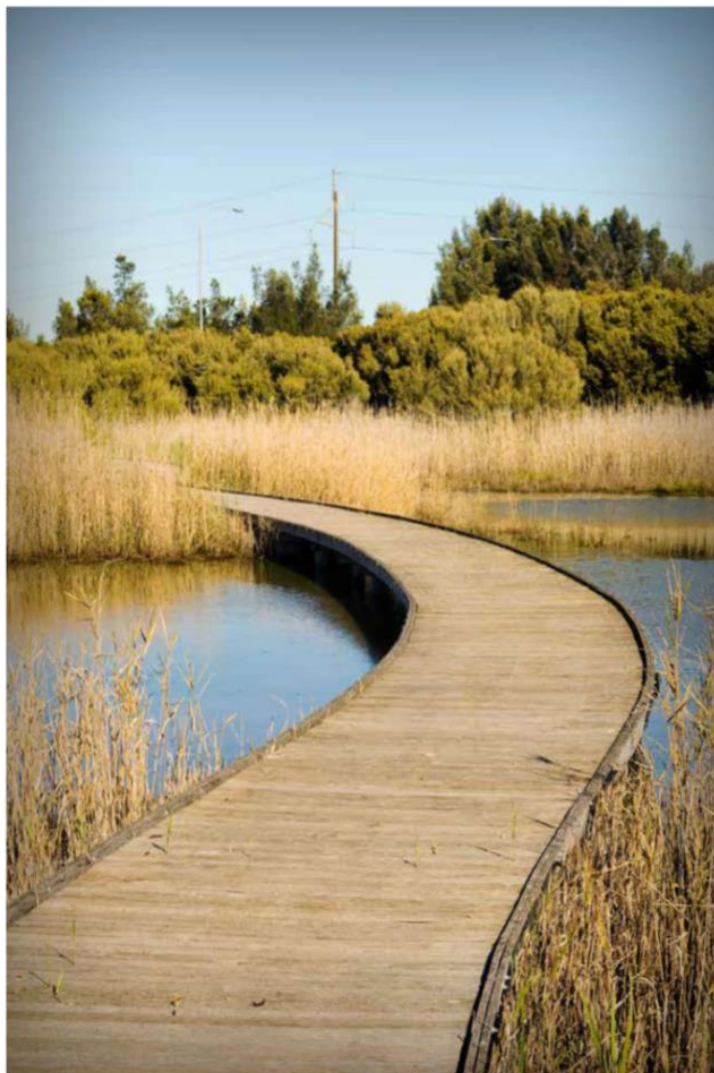
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Strategic Asset Management Plan 2022



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Strategic Asset Management Plan 2022

Executive Summary

The City of Salisbury is responsible for the acquisition, operation, maintenance, renewal and disposal of an extensive range of \$1.6B of Assets, which enable Council to provide a wide range of Services to the Community.

These assets include land, buildings, parks, recreation areas, roads, footpaths, drainage systems, and associated operating assets and provide service essential to our community's quality of life.

This Strategic Asset Management Plan (SAMP) takes the organisational objectives in our Strategic Plans, reviews how the Community receives and uses the service and whether the organisation is providing community value.

The SAMP takes into account Key Legislative & Risk Mitigation such as:

- Universal Access (DDA)
- Inclusion / Female friendly
- Road Safety Framework linking to the School Framework
- Climate change (AR&R for example)

This Strategic Asset Management Plan (SAMP) has understood the Community Expectations/Council Directions & Strategy with respect to improved levels of service in a number of areas:

- Verges & Street trees
- Urban Spaces (Universal Design)
- Playspaces & Facilities (Inclusive Design)
- Path Lighting (Improved Light levels to improve community safety)
- Shade
- Irrigation Areas Increased
- Playing Surfaces
- Sportsfield Lighting Management (now under Council Management)
- Community and Club Event Spaces

This Plan is an step in that it proposes expenditure across the Asset Classes to meet the endorsed levels of service, but has reduced the number of assets renewed or replaced, whilst a detailed review of assets is undertaken. Council is engaged in an Asset Management Improvement Process to further review Structure & Hierarchy of key Asset Classes and subsequent Community Levels of Service to ensure that the Council's Renewal Programs are Financially Sustainable and deliver Intergenerational Equity. In other words, Council makes sure we build infrastructure to provide a quality of service

Strategic Asset Management Plan 2022

that the Community needs, that Council can afford to maintain and renew and replace in years to come.

Strategic issues

Council is developing a Sustainability Strategy, finalising a Place Activation Strategy and Facilities Management model that will set out the long-term investment in Building and Infrastructure across the City. Similarly, there will be significant

investment in Infrastructure, including regional drainage systems in the west of the City to support industry and community facilities, particularly with the development of up to 15,000 dwellings on the salt fields. Whilst not included in the SAMP, which focuses on Service Continuity, the total capability of Council to fund their component of new work needs to be considered together with the capacity of Council to fund the increases in levels of service of existing Assets.



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Current situation

Asset Managers have been moving from Condition based to a Service Continuity based Asset Management Planning. They have been working closely with Council to determine the Community's Expectations and Levels of Service for key asset classes, which has been reflected in the Asset Management Operational Plans and the subsequent projects currently under construction and in the budget for 2022/23. However, over the next twelve months Council is working through a confirmation process of the Asset Structures and Hierarchy and Levels of Service to ensure that the upgrade component of the renewal program is financially affordable and sustainable in the long term, particularly with respect to current inflationary pressures, which is seeing the cost of construction and raw materials increase by in some cases over 20%.

Council have determined a number of measures to support the community, to look towards economic recovery through this COVID period, bringing forward \$12M of renewal and upgrade works.

Financial implications

The SAMP is in line with the Long-Term Financial Plan, however because of the increases in Levels of Service in some classes, developed over the last 3 years, working with the Council, the cost to renew or build new to meet these levels of service, will increase substantially in the long term. This will mean either a smaller number of assets will be renewed, useful lives extended in some asset classes, or additional funding will be required. This needs to be addressed in the medium term to ensure the level of service is financially sustainable. Due to the long term lives of these assets an interim approach has been put in place, Council decides a more sustainable model, balancing the desired levels of service with affordability over the next twelve months.

Strategic Asset Management Plan 2022

Executive Summary - What does it cost?	(\$000)
10 year total cost [10 yr Ops, Maint, Renewal & Upgrade Proj Exp]	\$338,125
10 year average cost	\$33,813
10 year total LTFP budget [10 yr Ops, Maint, Renewal & Upgrade LTFP Budget]	\$226,665
10 year average LTFP budget	\$22,666
10 year AM financial indicator	100%
10 year average funding shortfall	\$0



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Strategic Asset Management Plan 2022

Opportunities

Council has been working through an Asset Management Improvement Plan (AMIP) since 2018 with initial phases completed to improve the accuracy of the asset register and move to field mobility and electronic work orders. Future phases of the AMIP have been identified to further improve asset management with key objectives identified and reported to internal stakeholders.

Risks

Risks previously identified in the Asset Risk Register have been reviewed and updated with most risks having been mitigated or eliminated.

There is a significant challenge with balancing the communities expectation of service levels and Council's long term financial sustainability. This will be mitigated by increasing the level of understanding within the community in regards to cost associated with changes in levels of services and balancing service levels between asset categories.

In undertaking the Confirmation process of Levels of Service over the next twelve months, this will enable Council to have an overarching view of the asset renewal program and consider the value of each service against another to determine whether there needs to be funding increases or reductions in expectations with respect to some assets.

Asset management approach

Council has introduced a new Sub Committee focused on Asset Management and progressing from asset centric based asset management to service based asset management.

Council recognises that the SAMP is an integral part of the Strategic Management Plans of the Council including the City Plan and Long Term Financial Plan. The SAMP is also cognisant of other key Council Strategies such as the Sustainability Strategy, Place Activation Strategy & Integrated Transport Plan.

The key outcomes from the SAMP include:

Increases in operating for buildings as Council continues to improve levels of service for its Community facilities

Strategic Asset Management Plan 2022

Increase in capital expenditure for Street and Verge Renewal Projects to transition Streets from Links to Destinations. (\$800,000 per year)

Increase in operating costs due to improved Levels of service with significant increases in irrigated spaces and playground soft fall and infrastructure (inclusive play elements & toilet facilities). (\$450,000 per year)

The next steps

The SAMP will be recommended to Council, for public consultation, in line with the long term financial plan. Once these comments have been received and any adjustments made, the updated SAMP will be recommended to Council for endorsement.



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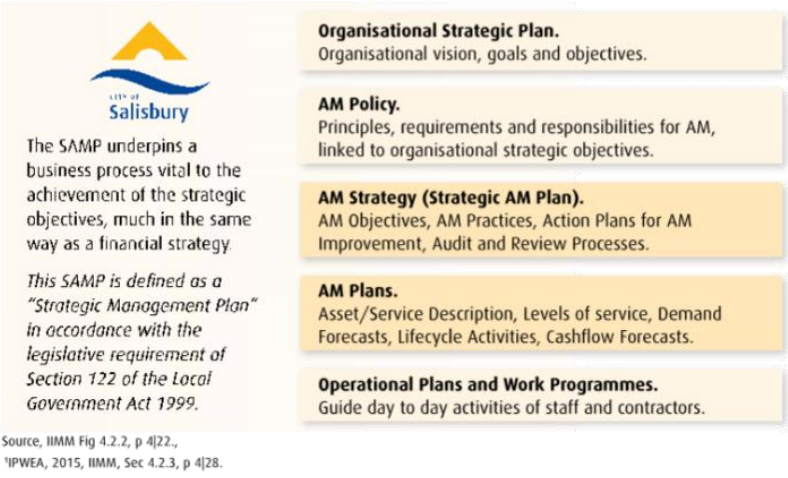
1.Introduction

The Strategic Asset Management Plan (SAMP) “includes documented information that specifies how organisational objectives are to be converted into asset management objectives, the approach for developing asset management plans and the role of the asset management system in supporting achievement of the asset management objectives”¹.

This SAMP is an integral part of the organisation’s planning framework. This includes the organisational strategic plan, asset management (AM) policy, AM strategy/SAMP, AM plans for individual portfolios and operational plans and work programs. There is a clear alignment from the organisational vision and objectives, AM policy, AM objectives, AM plans, operational plans, work programs through to performance measures as shown in **Figure 1**.

This SAMP is defined as a “Strategic Management Plan” in accordance with the legislative requirement of Section 122 of the Local Government Act 1999.

Figure 1 - Asset Management Planning Framework



Strategic Asset Management Plan 2021

1.1 Scope of Asset Management System**1.1.1 Asset Management System**

The AM system is “the set of inter-acting elements of an organisation to establish AM policies and objectives, and processes to achieve those objectives”².

The AM system is applied to the delivery of AM objectives services/products from the following asset portfolios with additional detail in section 3.1.

- Drainage & Waterways
- Parks & Streetscapes
- Street Trees
- Public Lighting
- Transportation
- Property & Building
- Salisbury Water
- Plant & Fleet
- Information Technology (to be developed).

The AM system scope is determined after consideration of:

- AM objectives
- External and internal issues relevant to the purpose of the organisation
- Community Expectations and requirements

- Interaction/linkages with other management systems
- Criteria for AM decision making ³.

1.2 Purpose and Structure of Asset Management System

The AM system is to assist the organisation achieve its AM objectives. It includes “all the functions, people, processes, information and tools that deliver AM objectives” ⁴. The AM objectives are the results to be achieved from the AM system. AM objectives are guided by organisational objectives and the AM policy and drive AM practices undertaken by the organisation ⁵.

The AM system structure includes

- AM Policy (Developed and Approved through the Asset Management Sub-Committee, or existing programs previously in place)
- AM Operational Plans for the asset portfolios
- Integration of AM processes, activities and data with other organisational functions including levels of service KPI's and subsequent service delivery, quality, financial and asset accounting, risk management, safety and human resources

Strategic Asset Management Plan 2022



- Reporting of AM objectives (Levels of Service) and resources needed to achieve the objectives in annual budgets
- Reporting of AM objectives achievements in annual reports.

1.3 The SAMP and our Planning Framework

The SAMP is an integral component of our planning framework. It is linked to the Organisation's strategic plan and sets the structure for AM Operational Plans for included asset portfolios. The AM Operational Plans are linked to the Strategic Asset Management plan which forms the basis for development of annual budgets to deliver agreed levels of service for available resources. The annual budget sets the framework for annual work plans and division and staff performance targets.

Figure 2 shows how the AM system integrates within our planning framework.

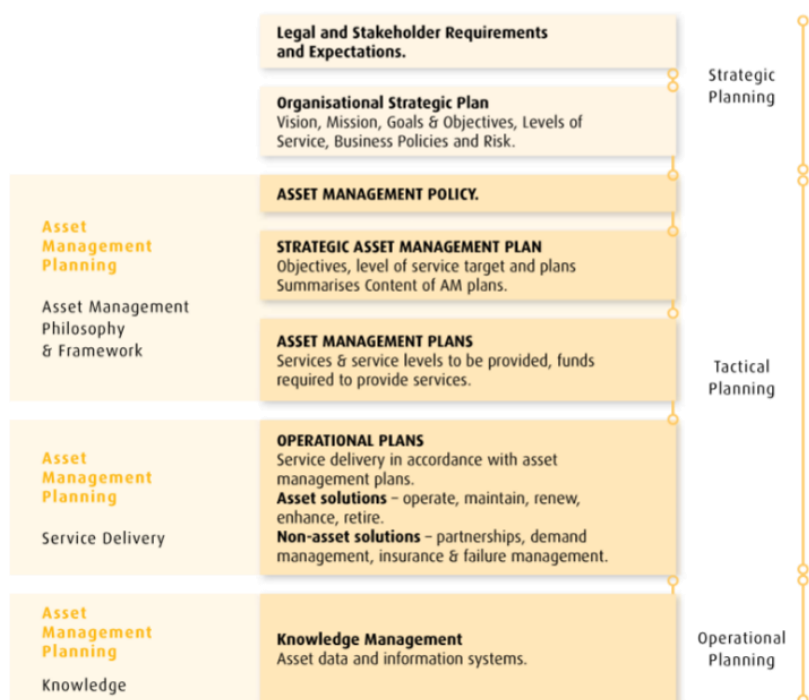
² IPWEA, 2015, IIMM, Sec 2.1.1, p 2|3.

³ IPWEA, 2015, IIMM, Sec 2.1.1, p 2|3.

⁴ IPWEA, 2015, IIMM, Sec 2.1.1, p 2|3.

⁵ IPWEA, 2015, IIMM, Sec 2.1.3, p 2|13.

Figure 2 - Strategic Asset Management fit in Asset Planning Process



Strategic Asset Management Plan 2022

1.4 Asset Management Objectives

The City of Salisbury's Asset Management Objectives is to deliver and manage assets to Achieve the City Plans Vision of a progressive, sustainable connected community.

The AM objectives are developed from our strategic plan and:

- Review of risks including the potential impacts from failure of:
 - Assets from a Material/Structural Perspective, or
 - AM activities, (Quality or Level of Renewal and Maintenance) which prevents Council from Achieving their agreed to Levels of Service for the Community, both individually or in combination
- Review of the importance of assets related to their intended outcomes, objectives and product or Community Experience levels of service requirements
- A check on the applicability of AM objectives during the AM planning process⁶.

AM objectives are specific, measurable, achievable, relevant and time bound (SMART). AM objectives are developed in Section 4.

AM plans are to be formulated and documented to achieve the AM objectives. This includes documentation of decision making criteria, processes for managing the complete life cycle of assets, addressing risks and opportunities, activities to be undertaken, resources, responsibilities, timelines, performance criteria and financial implications⁷.



⁶ ISO 2014, ISO 55002, Sec 6.2.1, p 9

⁷ IPWEA, 2015, IIMM, Sec 4.2.3, p 4|29.

Strategic Asset Management Plan 2022

1.5 Responsibility for the SAMP

The Manager Infrastructure Management is responsible for development and maintenance of the SAMP. The SAMP is reviewed at regular intervals and presented to the Strategic Asset Management Group (SAMG), Executive (EXEC) and then to Council.

The Strategic Asset Management Group comprises of a select group of senior staff and report directly to EXEC. Additional internal working groups report to SAMG to deliver continuous improvement, develop and review Asset Management Operational Plans, service levels, asset structures and ensure ongoing general asset management planning.

**1.6. SAMP Planning Horizon**

The SAMP has a planning horizon of 20 years, it is based on detail in existing Asset Management Operational Plans (AMOP) which has been updated and revised with updated AMOPs to follow as part of the Asset Management Improvement Plan (AMIP).

Like the other Strategic management Plans of Council the SAMP has a life of 4 years or as required when there is a major change in Strategy.

2. Strategic Organisational Context

This section details the Strategies of the organisation over the period of the plan and presents options for addressing those issues including those that cross all parts of the organisation as they are likely to impact on our ability to achieve our AM objectives.

2.1 Alignment to City Plan 2035

City Plan 2035 contains a vision for Salisbury to be 'a progressive, sustainable and connected community'. It has three directions that capture the social, environmental and economic influences on Salisbury, and one direction that addresses factors within the organisation itself.

Several 'Foundations' are then identified for each of the 4 directions. Council has determined that these Foundations are the goals that we will seek to achieve for Salisbury. They are supported by critical actions that outline the Council's priority deliverables over the life of the plan

Our critical actions range from operational and site-specific projects that will have immediate impact, to strategic objectives that will guide how and what Council achieves in the longer term.

Key critical actions that are linked to this Strategic Asset Management are listed on the following page.



Strategic Asset Management Plan 2022

A welcoming and liveable City	
Strategic Projects <ul style="list-style-type: none"> • Upgrade community hubs at Burton and Ingle Farm • Implement St Kilda and Paddocks masterplans • Complete the Bridgestone athletics facility and maximise its use • Enhance the visual appearance and amenity of public space through an expanded verge maintenance program, appropriate lighting and more greening of reserves • Improve our playgrounds and sporting facilities and cycle paths • Implement the 'Ability Inclusion Strategic Plan', including providing more equipment in our playgrounds that is able to be used by people with different abilities. 	Operational Focus <ul style="list-style-type: none"> • Improve quality and cleanliness of residential areas • Promptly remove rubbish dumped on public land • Implement Council's community safety strategy, including CCTV coverage • Ensure public spaces are accessible and sporting facilities are maintained • Provide support and grants to sporting and community groups • Deliver Council's intercultural Strategic Plan to build connections and increase collaboration among community groups and service providers.
Future Planning <ul style="list-style-type: none"> • Develop a place activation strategy • Assess future social infrastructure needs • Update the 'City Pride' strategy. 	Advocacy Priorities <ul style="list-style-type: none"> • Increased resourcing and services to make our community a safer place • Improve public transport options.

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Strategic Asset Management Plan 2022

A Sustainable City	
Strategic Projects <ul style="list-style-type: none"> • Replace all Council-owned street lights with energy-efficient lighting • Improve the environmental performance of Council buildings • Enhance our biodiversity corridors along Dry Creek and Little Para River and other environmentally sensitive areas such as coastal mangroves. 	Operational Focus <ul style="list-style-type: none"> • Use recycled or re-used materials where possible in construction and maintenance programs • Adopt practices and infrastructure that make the City cooler in an increasingly warm climate • Stabilise major creek lines and banks to improve biodiversity and reduce scour and silting • Manage and plan assets so they are resilient to a changing climate.
Future Planning <ul style="list-style-type: none"> • Review Council's sustainability strategy to include waste and energy management, cooler suburbs, biodiversity and water • Complete the Dry Creek Stormwater Management Plan to protect the City from flooding • Develop a business case to showcase good design techniques that improve the environmental performance of housing and streets. 	Advocacy Priorities <ul style="list-style-type: none"> • Integrate urban water planning.

Strategic Asset Management Plan 2022

A growing City that creates new opportunities	
Strategic Projects <ul style="list-style-type: none"> Enhance the Salisbury City Centre by upgrading Church and John Streets and attracting investment by the private sector into surplus Council sites Deliver a residential development program by using surplus Council land. 	Operational Focus <ul style="list-style-type: none"> Support new and existing businesses and industries to grow and create jobs Improve infrastructure, signage, safety, streetscapes and upkeep of commercial and industrial areas to support economic sustainability and growth. Improve parking in Salisbury City Centre and Mawson Lakes Central, business and recreation precincts.
Future Planning <ul style="list-style-type: none"> Develop a structure plan for the land west of Port Wakefield Road to open up new development opportunities while preserving the existing character of Globe Derby and St Kilda. 	Advocacy Priorities <ul style="list-style-type: none"> Redevelopment of the Salisbury and Mawson Lakes Interchanges Improvements to east-west roads including increasing the capacity and safety of Kings Road and Waterloo Corner Road, duplication and extension of Elder Smith Road and road/rail grade separation of Park Terrace & Kings Road Edinburgh Parks to be business ready as a modern industrial area with efficient freight routes to the Northern Connector, fast digital connectivity and access to alternative energy sources and recycled water.

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Strategic Asset Management Plan 2022

Innovation and Business Development	
Strategic Projects <ul style="list-style-type: none"> • Upgrade Council's Operations Centre at Cross Road to support business transformation • Deliver Council's Covid-19 response package. 	Operational Focus <ul style="list-style-type: none"> • Improve how we use data to better inform decision making • Continuous improvement program.
Future Planning <ul style="list-style-type: none"> • Review Council's 'Strategic Asset Management Plan'. 	Advocacy Priorities <ul style="list-style-type: none"> • Develop deeper and more effective relationships with government agencies and other organisations to progress the priorities identified in this City Plan and its supporting strategies.



Strategic Asset Management Plan 2022

2.2 Services Provided

We provide essential services to the 142,000 residents, visitors and businesses in the City of Salisbury community including:

- Integrated Traffic Network of 900 km, including major off-road pedestrian cycling network in 50% of the City.
- Stormwater Flood management network that provides up 99% of homes flood proof to a 1 in 100 year event.
- 165 local, 32 District and 6 regional reserve/play spaces.
- A Hub model which is being developed to be incorporated across the City, which will see a reduction in the number of facilities, but an increase in service offering at a district level, providing Community Services including locating of neighbourhood centres, libraries and senior services and wellbeing services.
- Council Leases 120 Facilities to Clubs and Associations to deliver Sports and Recreation Across the City.

These services are an essential component to the liveability and economic prosperity of the community.

2.3 Our Community

We provide services to a range of customers and community users. These include:

- Residents
- Visitors staying in the area
- Businesses and industry within the area, and
- Business and industry users and visitors passing through the area.

"Our challenge is to provide the services needed by the community at an appropriate level of service at optimum life cycle cost that are financially sustainable."

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2.4 Strategic Challenges & Opportunities

2.4.1 Place Making:

Council, in providing “Exceptional Community Experience”, is transforming its Asset Management Planning Processes from an “asset centric” approach to a “service approach”, with a focus on place and destination. This will enable service levels and associated budgeting to be focused on providing a service in a place or destination which includes grouped assets.

2.4.2 Climate Change:

Council is continuing to revise its’ models with respect to Climate Change, particularly in the Drainage area. This has meant a continuation of the Major Flooding Program, and Stormwater Management Plan development as the Australian Rainfall and Runoff Guidelines continue to be modified to include changes in weather patterns, particularly with the increase in intensity of storms and levels of storm surge. The extended duration of Heat Wave events (greater than 10 days above 38) also has a direct effect on the road condition with the durability of asphalt compromised as loading occurs during more regular high heat periods, not allowing the road to rest, and subject to higher levels of brittleness & cracking.

2.4.3 Socio-Economic Conditions:

COVID response has seen a small number of rate payers under significant stress, due to loss of work, to pay rates. Council has in response not included an increase in rates and the bringing forward of \$12M of renewal work. With the reduction in yard size across the City, Council has recognised the need and increased the availability of public irrigated space and playgrounds. Similarly, it has recognised the Streetscape (Street trees, verge & footpath) now as a key aspect of the Communities recreational area. This has meant that Council has and continues to significantly increase the level of service for the community in these areas. These two combined aspects are challenging Council’s ability to pay for services.

2.4.4. Schooling Changes:

The State Government will complete the move of year 7’s to high school for the start of 2022. Similarly Early Learning Centres are being developed in and around the primary school precincts. What this has meant is a significant increase in traffic management issues around state schools in the area, bearing in mind the private schools have undertaken the changes in the last 2 years. Unfortunately, whilst the changes have been made by the state,

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Local Government has been left with the responsibility to invest in Traffic Infrastructure around the City. Council has developed a School Framework, which delivers over the next two years a significant capital program. Similarly, Council, whilst not receiving any financial support have developed a program to upgrade and redevelop bus stops, including bus pads, footpath connections and the replacement of old bus shelters.

2.4.5 Demographic Change

Table 1 - Demographic Change and Demand Impact

Item	Present Position	Expected Position	Demand Impact
Population & Demographics	142,555	153,520 by 2036	<p>The City Plan 2035, initial expectations show no significant changes in Demographics, with the general trend being to an older population. This will have to be reassessed if and when the Salt Fields Development comes on line as a major project.</p> <p>Current demographic modelling predicts a significant increase in the proportion of retirement age from 2016 and 2036. This highlights the need for increases in universal access and inclusion with an additional focus on the diversification of Salisbury's population.</p> <p>Participation particularly in women's sport is significantly increasing the requirements of Council's sporting facilities and functional requirements. The initial additional estimated costs to improve the next group of sporting facilities is included in the additional costs of the paddocks master plan project and the Building Upgrade Program. These improvements will provide for an increase in change facilities to ensure appropriate facilities are provided.</p>

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Council are seeing a clear change in areas such as Para Hills and Salisbury North as the original landowners are aging and moving out, which is meaning that there is now becoming a significantly different suburb demographic. Similarly Salisbury’s population continues to diversify with the ongoing increase in migrants into the area, which is challenging how to best target services in the area. An excellent example of this is playgrounds, that were built in new estates, 20 years ago, were built for the young family, needs upgrading to meet the needs across all ages, for example the inclusion of basketball courts etc. for youth. Council has significantly improved the Community Level of service in this area to increase availability of Playspaces but also investing more to diversify the type of equipment.

Figure 3 – Population Forecast

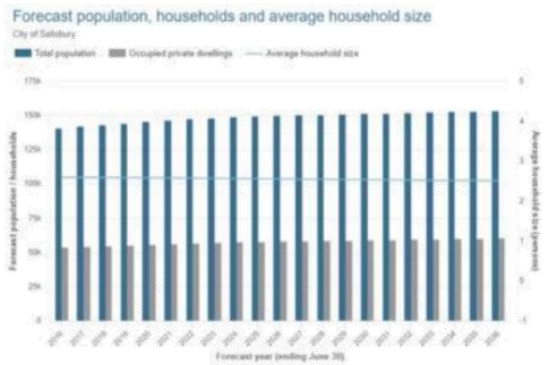
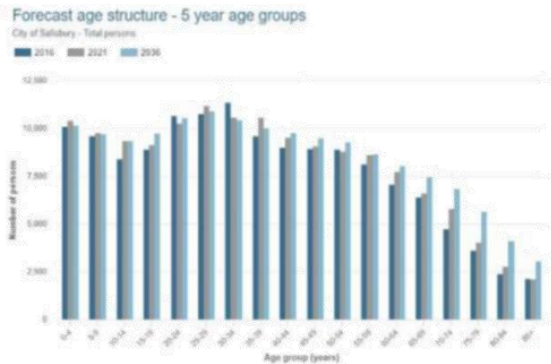


Figure 4 – Forecast age structure 2016 to 2036



2.4.6 Legislative Requirements

Major legislative requirements are detailed in **Table 2** together with expected changes that may impact future operations.

Table 2 - Legislative Requirements

Legislation/Regulation	Major requirement
All portfolios	
Local Government Act	Sets out role, purpose, responsibilities and powers of local governments including the preparation of a long term financial plan supported by asset management plans for sustainable service delivery. Council is required to have an adopted plan covering a period of at least 4 years which meet the requirements of Section 122 of the Local Government Act 1999 for "strategic management plans".
Australian Accounting Standards	Set out the financial reporting standards relating to. Inter alia, the (re) valuation and depreciation of Assets.
Work Health & Safety Act 2012	To secure the health, safety and welfare of persons at work. To eliminate, at their source, risks to the health, safety and welfare of persons at work. To protect the public against risks to health or safety arising out of or in connection with the activities of persons at work, or the use of operation of various types of plant.
Disability Discrimination Act (DDA)	To ensure, as far as practicable, that persons with disabilities have the same rights to equality before the law as the rest of the community. <i>Council has adopted a more "Universal & Inclusive" aligned approach to infrastructure delivery. As per the discussion regarding adult change facilities this has significantly increase the cost to build and maintain Council's Regional facilities.</i>
Transportation	
Civil Liability Act, 1936	Liability of road authorities - Section 42, May 2004 inclusion in the Act to provide a replacement for the nonfeasance defence consequent to May 2001 High Court judgement.
Code of Technical Requirements for the Legal Use of Traffic Control Devices	Details the design and construction parameters to which traffic management devices installed by City of Salisbury must comply.
Highway Act 1926	Set out the Legislative framework for drainage of roads and road authorities' In SA.
Land Administration Act, 2002	Standard for land acquisition and management of land.
Road Traffic Act 1961	Contains powers for City of Salisbury to install and remove traffic control devices.
Water Resources Act 1997 (Department of Environment and Water)	Regulates Resource Management , e.g. requires 'Water Effecting Activities' permits for Diversions (harvesting), dams, bores etc.

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Legislation/Regulation	Major requirement
Native Vegetation Act 1991	The Governor considers that the regulation should be made in order to enhance the preservation or management of an area that includes significant native vegetation, or in order to assist in the provision of a significant environmental benefit.
Community Land Management Act	Section 194 The Act places obligations and responsibilities on City of Salisbury to manage community land for the current and future benefit of the community.
Land Administration Act, 2002	Standard for land acquisition and management of land.
Streetscapes	
Sewerage Act 1996	
Details species, location and damage responsibilities	Details species, location and damage responsibilities.
Electricity Act 1996	
Property & Buildings	
Building Code Australia	
Disability (Access to Premises - Buildings) Standards 2010	These Standards set performance requirements and provide references to technical specifications to ensure dignified access to, and use of, buildings for people with disability. <i>Council has adopted a more "Universal & Inclusive" aligned approach to infrastructure delivery. As per the discussion regarding adult change facilities this has significantly increase the cost to build and maintain Council's Regional facilities.</i>
Plant, Furniture & Equipment	
Australian Design Rules (ADRs)	The Australian Design Rules (ADRs) are national standards for vehicle safety, anti-theft and emissions. The ADRs are generally performance based and cover issues such as occupant protection, structures, lighting, noise, engine exhaust emissions, braking and a range of miscellaneous items.

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Legislation/Regulation	Major requirement
Salisbury Water	
The Water Industry Act 2012 (ESCOSA) (OTR)	The Act requires a Water Retail Licence to be held by the City of Salisbury. Salisbury Water is the Division tasked with meeting Council's obligations as a licenced retailer. Regulate water price setting, customer service standards and customer issues. Regulate technical standards and safety issues.
Environment Protection Act 1993 (EPA)	Regulates activities that have the potential to pollute the environment <i>Requires a risk-based management approach including licences for Managed Aquifer Recharge (MAR) and brine disposal, with extensive monitoring and reporting.</i>
Water Resources Act 1997 (DEW)	Requires 'Water Effecting Activity' permits for diversions (harvesting), dams, wells etc. The Water Allocation Plan for the Northern Adelaide Plains Prescribed Area requires Water Licences to for injection, extraction and trading of allocations.
National Water Quality Management Strategy Australian Govt. Dept. of Agriculture and Water Resources	Australian Guidelines for Recycling - Managing health and environmental risks <ul style="list-style-type: none"> - Augmentation of drinking water supplies - Stormwater harvesting and reuse - Managed Aquifer Recharge.



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2.4.7 Organisational Issues**Asset Management System**

Council has made the appropriate structural changes to improve the focus on Asset Management Planning. There are some challenges to keep Level of Service Expectations from Council (Asset Management Sub-Committee) at sustainable levels in line with the long term financial plan, with financial implications of service level changes often only realised in the following year's budget cycle.

Asset Management Maturity

We have taken steps to improve our asset and associated financial management performance including assessing our asset management maturity against the 3 Frameworks of the Local Government Financial Sustainability National Assessment Framework (NAF). Our target is to achieve 'core' maturity with the Frameworks. **Figure 3** and **Figure 4** show the current and target 'core' and 'advanced' maturity scores for the eleven elements of the National Frameworks for asset and financial management.

A NAF maturity assessment was undertaken internally in 2013 prior to development of Asset Management

Plans and a more recent internal maturity assessment undertaken using the NAF for comparison. In future maturity assessments will be undertaken using the seven elements of ISO 55001 as the organisation aims to align to ISO 55001.

It is noted that Council is currently undertaking a level of service review of key assets, which from a maturity expectation, will not meet the "advanced level" between now and the next SAMP, and therefore has been reduced to an expectation of achieving an "intermediate" stage by the end of 2021. The long-term strategy will be to achieve an "advanced Level" over the next 3 years.

Improvement in 'core' maturity is indicated by movement of the blue ● (current maturity) line to the red ● ('core' maturity) and green ● (desired or aspirational target maturity) and significant improvement is visible in the comparative maturity assessments undertaken in 2013 (**Figure 3**) and 2019.

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Figure 5 - 2013 Maturity Assessment

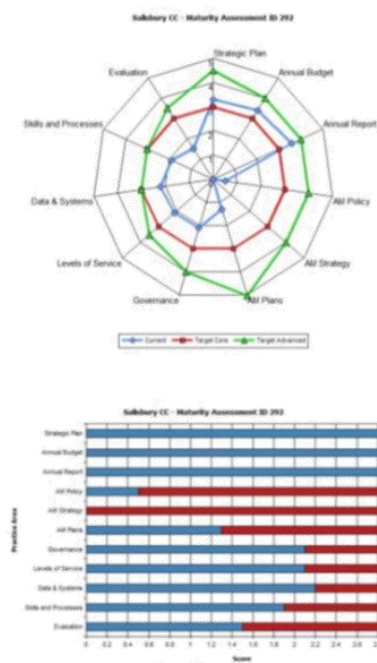
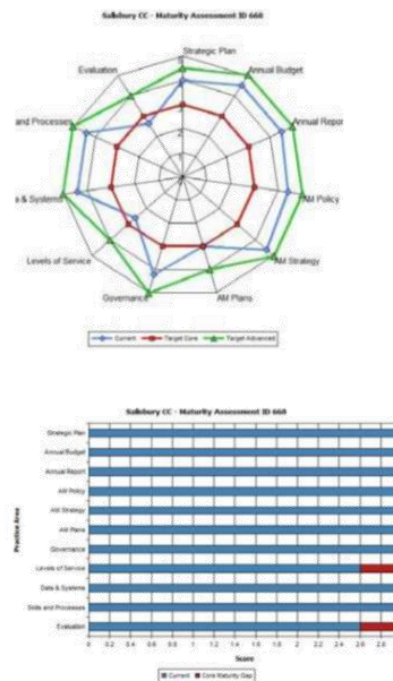


Figure 6 - 2019 Maturity Assessment



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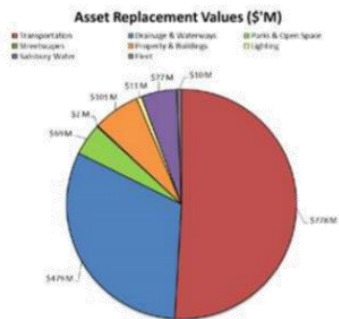
3. Asset Portfolio

3.1 Asset Dimensions and Value

Council manages a large number and variety of assets to provide services to our community. The assets provide the foundation for the community to carry out its everyday activities, while contributing to overall quality of life. **Table 3** highlights key assets by asset management area with the breakdown replacement cost by area shown in **Figure 7**.

Asset Management Area	Asset Summary
Drainage & Waterways	16,000 Stormwater Pits 500 km Stormwater Pipes 10 km Open Channels 20 Flood Dams
Parks & Streetscapes	163 Playspaces 30 Fitness Stations 297 Irrigation Systems 648 Bins 1,062 Seats/Tables 9 Dog Parks 182 Sports Courts/Grounds/Athletics Facilities
Streetscapes	77,000 Trees
Public Lighting	3,846 Public Lights 172 Solar Lights 155 Sports Lights
Transportation	6,288,079 m ² Roads 18,12,320 km Kerbing 1,536,376 m ² Footpaths 11,086 Kerb Ramps 181 Car Parks 346 Traffic Control Devices 20,000 Signs
Property & Building	245 Buildings 45 Artwork 100 Historical Monuments/Plaques 185 Shelters/Gazebos 130 Statement Walls 1 Swimming Pool Facility 1 Golf Course CCTV Systems
Plant & Fleet	92 Heavy vehicles 125 Light vehicles 57 Trailers

Figure 7 - Asset Replacement Values



3.3 Asset register

This SAMP is based on information from our infrastructure asset register. Access to reliable asset information is critical to the success of good asset management in the organisation.

Council’s asset register is continuously updated following the completion of capital works completed by Council or donation of assets from private developers or government departments. Asset structure and asset components are routinely reviewed with assets broken down into components where applicable to help manage asset accounting and asset reporting.

Council’s asset register stores condition information against discrete assets and routine condition assessments are undertaken on various asset classes.

Asset performance information particularly maintenance data is being recorded at an individual level now, following the completion of the Asset Management Improvement Project in 2018/19.

Data trends are now becoming available and valuable to increase the knowledge around function and capacity of assets in the field. Decision making is now beginning to be made based on function and capacity and maintenance data rather than on Condition Assessment through Audits alone. This is enabling Asset Managers to be more targeted and efficient in the renewal programs.”

As the Council moves to Digital Cloud based data management, it is expected that total integration between GIS, the Asset Management System, Customer Management System and the Financial System will allow further refinement and enable real time predictive modelling. This is currently being trialled with road assets as part of the update to the AMOP for roads, but will be able to be applied across the total asset base in the future as the register and maintenance information continues to develop in sophistication.

4. Asset Management Objectives

Council’s Asset Management Objective is to provide “Exceptional Community Experience”, is transforming its Asset Management Planning Processes from an “asset centric” approach to a “service based” approach with a focus on place and destination, aided by the use of high quality asset management data.

The AM objectives, developed in this SAMP provide the essential link between the organisational objectives and the AM plan(s) that describe how those objectives are going to be achieved. The AM objectives are developed from our strategic plan and a range of requirements including corporate goals and stakeholder, regulatory and legislative requirements.

The AM objectives are aligned to the organisational objectives in the strategic plans, with the objective of establishing alignment from the organisational objectives through the AM objectives to AM initiatives, projects and performance measures. It is expected that the Organisational objectives will be modified as the Council’s Place Activation Strategy and Sustainability Strategy are formally adopted. A number of Organisational Objectives are included below but it is by no means a complete list.

The AM objectives incorporate our desire to ensure that infrastructure assets are managed in an efficient and sustainable manner and asset cost is optimised over the asset’s lifecycle. AM objectives transform the required outcomes (product or service) to be provided by the assets, into activities typically described in the asset management plans.

Table 4 shows the AM objectives developed under each organisational objective with a performance target/timeline and responsible officer.

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Table 4 - Asset Management Objectives

Organisational Objective AM Objective	Action / Strategy	Performance Target /Timeline
Financial Sustainability	Ensure the SAMP is routinely reviewed/ updated and informs the LTFP to ensure service delivery is financially sustainable.	Within 2 years of a Council election and/or following significant changes to asset management planning strategies.
Streetscape Renewal and improvement in aesthetic to create Place and Destination	Street Tree Renewal program modified to increase diversity of species into the City. Integrate Footpath, Street Tree & Kerb Renewal programs to develop a whole of street approach, where possible (trial underway)	Dec 2023
Environmental Sustainability Strategy	Continue to implement Circular Economy approach with respect to the delivery of the Capital and Operational Programs Improve Environmental Performance & Climate Resilience of Infrastructure (reduction in heat island in roads, natural creek design, sustainable resource use) Increase the use of recyclables in key renewal programs (Building, Road, Bridges, Outdoor Furniture).	Ongoing
Improved Management and efficiency and capacity of Public Lighting	Replacing Council owned luminaires with LED's.	2021-2028
Improved Access to Green Space -Increase in Irrigated Areas in Local Playspaces	Implement Program to increase supply of shaded Playgrounds within a maximum of 800m walking distance of residents and irrigated open space areas within 400m walking of residential areas.	2021 to 2030
Flood Management – Reduce Risk to Residential and Commercial Premises to above 1 in 100 year events.	Ongoing delivery of the Major Flood Mitigation Strategy.	2018 to 2028

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5. Asset Management Planning Approach (Action Plan)

The AM planning approach provides direction for AM Plans to achieve the organisational objectives. This includes documentation of decision making criteria, processes for managing the complete life cycle of assets, addressing risks and opportunities, activities to be undertaken, resources, responsibilities, timelines, performance criteria and financial implications for Council.

5.1 Levels of Service

We have defined service levels in two terms.

Community Experience Levels of Service measure how the community receives and uses the service and whether the organisation is providing community value.

The following measures are typically used in AM Plans to monitor and report on asset performance against Community Experience Levels of Service.

Quality/condition	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service usage appropriate to capacity?

These measures will be gathered from asset inspections, community satisfaction surveys and feedback from the community through CRMs and other communication methods. Historically condition has been the primary focus for monitoring asset performance and improvement plans to include function, capacity and utilisation.

Our current and projected community levels of service for the services covered by this strategic asset management plan are summarised in this strategic asset management

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plan with future revisions of the Asset Management Operational Plans based on agreed Structure, Hierarchy & Community Experience Levels of Service. These Community Experience & Subsequent Technical Levels of Service are being adjusted over the next twelve months.

Technical Levels of Service - Supporting the community service levels are operational or technical measures of performance. These technical measures relate to the allocation of resources to service activities that the organisation undertakes to best achieve the desired community outcomes and demonstrate effective organisational performance.

Technical service measures are linked to annual budgets covering:

- Operations – the regular activities to provide services such as utility costs (water/electricity), cleansing, mowing, etc.
- Maintenance – the activities necessary to retain an asset as near as practicable to an appropriate service condition (e.g. road patching, unsealed road grading, building and structure repairs, cleaning

fire hydrants),

- Renewal – the activities that return the service capability of an asset similar to that which it had originally (e.g. road resurfacing and pavement reconstruction, pipeline replacement and building component replacement),
- Upgrade/New – the activities to provide a higher level of service (e.g. widening a road, sealing an unsealed road, replacing a pipeline with a larger size) or a new service that did not exist previously (e.g. a new library).

Asset Managers plan, implement and monitor the achievement of technical service levels. Together the community and technical levels of service provide detail on service performance, cost and whether service levels are likely to stay the same, get better or worse.

Our current and projected technical levels of service for the services covered by this strategic asset management plan are being developed in the Asset management Operational Plans and are summarised in this strategic asset management plan in **Table 5** on the next page.

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Table 5 - Community Experience Service Levels

Service Area	Current Level of Service	Customer Experience Level of Service
Community Facilities	The overall condition of the building and its fit-for purpose requirements are based on the Place Activation Strategy, for Regional, District and Local Facilities Hierarchies including maintenance response times. Design of replacement facilities are through direct engagement with the users of the facilities.	The Facility is suitable for use, based on function and capacity developed through direct engagement during the design phase, with users of the facilities, clubs, and relevant State Sporting Bodies, based on the Hierarchy of the Facility. Facilities utilised Universal and Inclusive Design principles where possible.
Drainage & Flooding	Homes and businesses will not have flood waters through their buildings and facilities in less than a 1 in 100 year flood event, other than those already identified and notified.	Homes and businesses will be safe in significant storm events (under 100mm of rainfall per hour). Transportation networks (roads, paths, bridges) will be accessible in a minor storm event (under 20mm per hour). Underpasses and ford crossings will be closed above a minor storm (over 20mm per hour) event to keep the community safe.

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Technical Level of Service	Key Strategy/Program to Deliver
<p>The technical level of service accepted as a minimum threshold for habitable and utilised Council buildings is a condition rating of "3 – Fair" With minor deterioration present and routine maintenance may be required.</p> <p>The assets are fit for purpose based on the PAS for regional and community facilities and maintenance response times.</p>	<p>Strategy</p> <ul style="list-style-type: none"> Place Activation Strategy Capital Renewal Building Renewal/Upgrade Program. <p>Operating/Maintenance</p> <ul style="list-style-type: none"> Programmed & Contracted Maintenance
<p>Flood dams and major waterways are designed to cater for a 1 in 100 year flood event.</p> <p>Underground Stormwater network and overland flow paths and basins are designed to cater for a 1 in 10 year flood event.</p> <p>Council stormwater network is routinely cleaned on a 4 year cycle.</p> <p>Key stormwater infrastructure (such as known high risk areas) are inspected and cleaned prior to key storm events.</p> <p>Flood maps are reviewed and updated routinely on a 5 year cycle.</p> <p>Routine inspections are undertaken on a routine basis for key assets such as:</p> <p>Side Entry Pits, Trash Racks & Headwalls, Gross Pollution Traps to ensure water quality is maintained in the network.</p>	<p>Strategy</p> <ul style="list-style-type: none"> Flood Mitigation Strategy Stormwater Management Plans <p>Capital Renewal</p> <ul style="list-style-type: none"> Currently no budget exists as stormwater network has not reached renewal age. <p>Capital Upgrade/New</p> <ul style="list-style-type: none"> Major Flood Mitigation Program Minor Flood Mitigation Program Dry Creek Stormwater Management Plan <p>Operating/Maintenance</p> <ul style="list-style-type: none"> SEP Cleaning Program Civil Maintenance Program <p>Water Quality</p> <ul style="list-style-type: none"> Water Quality is monitored to ensure Watercourse Management Plan works continue to reduce the pollution to the Barker Inlet, and maximise harvesting.

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Table 5 - Community Experience Service Levels

Service Area	Current Level of Service	Customer Experience Level of Service
Playspaces & Reserves	<p>Irrigated Areas are located within 400m walking distance of residents</p> <p>Playgrounds are located with an 800m walking distance.</p> <p>Regional and District reserves deliver a higher community experience and are distributed within the City.</p>	<p>Playspaces are accessible by the community via walking.</p> <p>Playspaces will be renewed with universally accessible elements incorporated where applicable.</p> <p>Playspaces and irrigated open spaces will be accessible within 400m of residences.</p> <p>Regional and District informal recreational areas will be designed to provide facilities for visits over 1 hour, in accordance with universal and inclusive design principles.</p>
Streetscape	<p>Street Trees are provided based on 1 per residential property.</p> <p>The number of Street Trees in the City is to be maintained at approximately 80,000 trees.</p> <p>Verges are unirrigated and maintained to a neat standard, with a new program incorporating the renewal of Street Trees, Footpath, Kerb & Verge to be introduced in 2021/22 financial year.</p> <p>Street Tree Pallet to be modified to diversify the species mix.</p>	<p>Street Trees provide amenity for the streetscape and are maintained to a safe level to reduce risk to property damage and infrastructure.</p>

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Technical Level of Service	Key Strategy/Program to Deliver
<p>Council designs and manages informal recreational areas in accordance with the Place Activation Strategy – Informal Recreation Areas.</p> <p>Routine inspections are undertaken on a routine basis for key assets such as;</p> <ul style="list-style-type: none"> · Playspaces · Irrigated open space · Sports court and equipment <p>Reserve turf is cut on a routine basis. (check Paul M).</p>	<p>Strategy</p> <ul style="list-style-type: none"> · Place Activation Strategy <p>Capital Renewal</p> <ul style="list-style-type: none"> · Playspace Program · Irrigation Program · Outdoor Furniture Program <p>Capital Upgrade/New</p> <ul style="list-style-type: none"> · Reserve Upgrade Program <p>Operating/Maintenance</p> <ul style="list-style-type: none"> · Parks maintenance program
<p>Street Trees are pruned on a 10 year cycle.</p> <p>Street Tree target zones are managed to minimise risk based on species and location.</p> <p>Verges are slashed and debris removed at a minimum 8 times per year, subject to seasonal conditions.</p> <p>Routine inspections are undertaken on a routine basis for key assets such as;</p> <ul style="list-style-type: none"> · Verges maintenance 	<p>Strategy</p> <ul style="list-style-type: none"> · Urban Forrest Strategy <p>Capital Renewal</p> <ul style="list-style-type: none"> · Streetscape & Verges Renewal Program <p>Capital Upgrade/New</p> <ul style="list-style-type: none"> · Nil <p>Operating/Maintenance</p> <ul style="list-style-type: none"> · Tree Planting Program · Tree Maintenance Program · Verges Maintenance Program ·

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Table 5 - Community Experience Service Levels

Service Area	Current Level of Service	Customer Experience Level of Service
Roads & Transport	<p>Roads are maintained to an acceptable level with a focus on safety and ride ability.</p> <p>Footpaths are provided on at least 1 side of residential streets and both sides of major roads where possible.</p> <p>Provision of a Green Trails ring route around the City for pedestrian and cycle movement.</p> <p>Bus stops and path linkages are designed to be universally accessible with Bus Shelters provided on high usage bus stops.</p> <p>Public Lighting is provided on all road networks and key links with higher standards prioritised on risk.</p>	<p>Provide safe and efficient commuter use travel across the city.</p> <p>Efficient and effective heavy vehicle/freight movement throughout the city.</p> <p>Safe pedestrian and cycle movement through the City with a significant portion off road.</p> <p>Universally accessible public transport use between residential and business areas.</p> <p>Safe pedestrian and cycle travel at night on streets and key links.</p>

* 0-6 Condition Rating with 0 being Brand New and 6 being End of Life.

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Technical Level of Service	Key Strategy/Program to Deliver
<p>Pavement Condition Index 3 (on a condition rating scale where 1 is new and 6 is undriveable).</p> <p>Council streets are designed based on AustRoads Guidelines and incorporating the "Safe System Approach".</p> <p>New Council footpaths are designed with universal access principles with minimum widths of 1.5m on residential streets and 1.8m on major roads where possible.</p> <p>Road defects such as minor pot holes and deformation will be completed within 10 days, with dangerous defects made safe within 24 hours.</p> <p>Public Lighting is designed to comply with AS1158 and P3 Category for new developments.</p> <p>Routine inspections are undertaken on a routine basis for key assets such as;</p> <ul style="list-style-type: none"> · Roads · Footpaths · Kerbing · Bus Shelters · Signage 	<p>Strategy</p> <ul style="list-style-type: none"> · Integrated Transport Plan <p>Capital Renewal</p> <ul style="list-style-type: none"> · Road Reseal Program · Irrigation Program · Outdoor Furniture Program · Bridge Program · Bus Shelter Renewal Program <p>Capital Upgrade/New</p> <ul style="list-style-type: none"> · Footpath Program · Minor and Major Traffic Improvement Programs · School Framework Program · City Wide Trails Program · Kerb Ramp Upgrade Program <p>Operating/Maintenance</p> <ul style="list-style-type: none"> · Road Maintenance Program · Footpath Maintenance Program · Kerb Maintenance Program · Bus Shelter Maintenance Program · Signage Maintenance Program

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5.1 Community Experience Levels of Service under review over the next twelve months

Council's Asset Management Sub Committee are reviewing the service levels in the following areas, to be finalised over the next 12 months;

- **Playspaces (playgrounds)**

- Universal access, providing for change in demographics, provision of coverage across the City, modern functionality/design
- Consider the number of irrigated spaces and access to playgrounds which will require additional operating and maintenance budgets particularly for mowing, water usage and safety inspections and repairs.
- Consider the provision of shade structures for playgrounds.
- Consider the provision of universally accessible playgrounds
- Consider the provision of toilet and adult change room facilities

- **Streetscapes (verge/trees/footpaths)**

- Consider the verge renewal and management service level across City
- Targeted approach to footpath management based on risk, usage and destination.

- Consider improvements to service level of footpaths to improve accessibility by increasing minimum standard widths within existing budgets for new footpath provision from 1.5 to 1.8m.
- Consider improvements to street trees range across the City engaging the community in decision making, including diversifying the tree pallet for the City.
- Canopy Cover, net neutral for street trees with increases in canopy cover in reserve open space (10,000 tree project).

- **Links and Destinations**

- Public Lighting of destinations and level of lighting in key links.

- **Dog Parks**

- Consider the provision of dog parks including separate areas for small dogs

- **Roads**

- The Integrated Transport Plan has identified key intersections to be upgraded to improve heavy vehicle access into industrial areas with 6 intersections being prioritised for upgrade over the next 8 years with significant external funding being

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sought or already approved.

- Current maintenance regimes and feedback from the community has indicated that the community is satisfied with the current level of service being provided and Council is using new treatment strategies to improve financial and environmental sustainability with no impact to community experience.
- **Drainage & Waterways**
 - Council continues to deliver the flood mitigation strategy and has further reduced the number of properties at risk of flooding during significant flood events.
- **Buildings**
 - Recent audit of buildings has shown the current condition of Council Buildings are in a good state. However through discussion with the Asset Management Sub Committee the community experience around the function and fit for purpose is not meeting the expectation. This has led to a service level review to define the required service level with a gap analysis being undertaken of Council's community and recreation facilities to identify future upgrade projects.
- The creation of Hubs has led to a significant increase in operating expenses and will continue to do so as additional hubs are completed as these have a higher level of service to the Community compared to the existing facilities.

5.2 Risk Management

Risks previously identified in the 2015 Strategic Asset Management Plan Risk Register have been reviewed and updated with 30 risks having been mitigated or eliminated. An updated risk register is attached in **Table 6** on the following page.

Strategic Asset Management Plan 2022

Table 6 - Risk Management Plan

Asset Providing the Service	What can happen	Risk Rating
All Assets	Premature asset failure.	High
All Assets	Donated/gifted assets do not meet service levels.	High
Flood Levee Banks	Flooding due to storm events.	High
All assets	Uninformed decision making for Asset Management Planning	High
Flood Dams	Failure to dam resulting in major flooding, overtopping and upstream siltation.	High
Reserve Trees	Failure, injury, loss of amenity, damage to infrastructure.	High
Roads	Increase in heavy vehicle traffic. Roads may not be designed or structurally suitable for heavy vehicles.	High
Major Road Intersections (Heaslip/ Diment & Heaslip/ Edinburgh)	Unsafe/unfit for purpose intersections for heavy vehicle movement along Heaslip Road and intersections with Diment Road and Edinburgh Road.	Very High
St Kilda Road	Road Failure due to heavy vehicle loadings.	High
Signage	Poor condition/function of asset could result in traffic accidents.	Very High
Council Maintained Street Lighting	Poor street lighting can lead to injuries to pedestrians, traffic accidents at traffic control devices and provide an unsafe environment.	High
Reserve Lighting	Poor lighting in reserves can lead to injuries to pedestrians, undesirable activity and provide an unsafe environment.	High
New assets contributed from Northern Connector Project	Funding from State Government or Council is not sufficient to Maintain newly created assets.	High
Dry Creek	Flooding from river system resulting in property damage and/or personal injury.	High

Strategic Asset Management Plan 2022

Risk Treatment Plan	Residual Risk	Treatment Costs (\$)
Regular asset/condition inspections by dedicated full time/contracted employees.	Medium	100,000 (p.a.)
Improve specification/handover process and relationships with Government Departments.	Medium	N/A (Within existing budget)
Undertake review of Levee Banks in 2022/23 and seek appropriate budget for capital works in 2022/23.	Medium	200,000
Ensure all staff undertake asset inspections in the AMIS (Confirm Connect) or ensure information is recorded in a compatible format that can be imported in a timely manner to ensure the AMIS and associated asset information is accurate and current.	Low	N/A (Within existing budget)
Dam Survey Audit (every 4 years).	High	100,000
Develop a reserve tree management renewal and maintenance programs and seek additional capital works budget in 2022/23.	High	50,000 (p.a.)
Evaluate land use changes which may impact on the local roads network, submit new budget bids when required. Budget for works will be supplemented by grants where possible.	Medium	500,000 (p.a. seek grant funding)
Seek grant funding from State and Federal Governments to upgrade both intersections from 2022/23.	Medium	5,000,000
Routine monitoring of St Kilda Road for road and drainage deterioration, Negotiations have occurred with SA Water to fully fund Robinson Road Upgrade works from 2022/23.	Low	N/A (externally funded)
Complete audit via contractors and undertake analysis and development of renewal and maintenance programs every 4 years.	Medium	40,000 (every 4 years)
Analysis of poor lighting areas has been completed and an upgrade program developed to be completed by 2023/24.	Medium	0 (within existing capital works/ budget bids)
Develop budget bid for reserve lighting upgrade program to seek appropriate funds for capital works program from 2022/23.	Medium	150,000 (p.a.)
Negotiate with DIT to seek an ongoing operating/maintenance budget for landscaping and shared use paths.	Low	0 (seeking external funding from State Government)
Undertake SMP study in 2022/23 with results to be used to determine future Budget Bids from 2022/23.	Low	500,000 (p.a. for 5 years)

City of Salisbury 47

Strategic Asset Management Plan 2022

5.3 COVID19 Response

In response to the COVID 19 Pandemic Council endorsed an ongoing \$2.4M Operating Saving, to offset the 0% Rate rise increase.

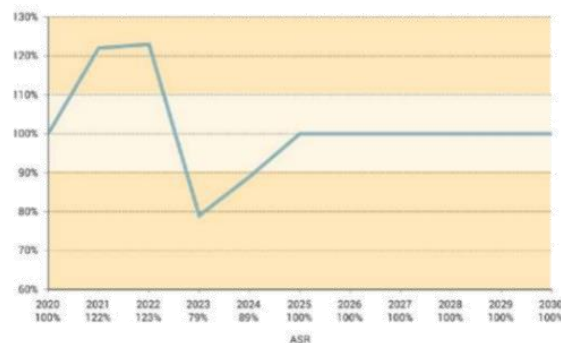
Key operational savings included:

- Reduction in footpath maintenance (\$400k)
- Kerb Maintenance reduction of (\$800k) in both Kerbing maintenance and Road Reseal Program.

This was based on current maintenance data which has shown a significant reduction in footpath and kerb faults and Customer requests in this area.

Council brought forward \$12M of renewal works, to be delivered over 2021/22,2022/23, to support local businesses and employment to assist with stimulating the economy. The Asset Renewal Funding Ratio will not be in the medium term, but will move above and below the 100% ratio over the next 4 years, but net out in alignment with the Strategic Asset Management Plan, as shown in **Figure 8** below:

Figure 8 - Asset Renewal Funding Ratio following COVID19 Response



5.4 Demand Management

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets and providing new assets to meet the increased demand for particular services by the Community.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures. Examples of non-asset solutions including the provision of joint services, such as the new Burton Hub which provides, both Library and Community Facilities, or the integration of clubs into a joint facility that provides for summer sport for one club and winter sport for another, such as at the new Paddocks joint use facility.

Opportunities identified for demand management are shown in **Table 7**.

Table 7 - Demand Management Opportunities

Service Impact	Demand Management Plan
Sporting Facilities	Where new facilities are considered build Joint use facilities, enabling an increase in capacity for Functional Requirements but reducing the number of facilities needed to deliver that service. (New Paddocks Joint facility, replacing 3 buildings).
Sports Field Lighting Management	Council has moved to create a new renewal and maintenance program for Sports Field Lighting, bringing the care and control of Sports Field Lighting to maximise the efficiency of managing sports field lights across the City, rather than have each club individually supported to maintain their own lights.
Street Verges	Council is trialling a verge redevelopment program to improve the aesthetic of its streets with the hope residents will be inspired to take on more responsibility for the maintenance of the street thereby increasing City Pride but also reducing the long term burden of maintenance in the street.

Strategic Asset Management Plan 2022

5.4 Operations and Maintenance Strategies

Operations activities affect service levels including quality and function, such as cleanliness, appearance, etc., through street sweeping and grass mowing frequency, intensity and spacing of street lights and cleaning frequency and opening hours of building and other facilities.

Maintenance includes all actions necessary for retaining an asset as near as practicable to an appropriate service condition including regular ongoing day-to-day work necessary to keep assets operating, e.g. road patching but excluding rehabilitation or renewal.

Where maintenance expenditure levels are such that will result in a lesser level of service, the service consequences and service risks have been identified and service consequences highlighted in the respective AM Plan and service risks considered in the Infrastructure Risk Management Plan.

We will operate and maintain assets to provide the defined level of service to approved budgets in the most cost-efficient manner. Proposed operations and maintenance strategies in this SAMP are:

- Scheduling operations activities to deliver the defined level of service in the most efficient manner
- Undertaking maintenance activities

through a planned maintenance system to reduce maintenance costs and improve maintenance outcomes. Undertake cost-benefit analysis to determine the most cost-effective split between planned and unplanned maintenance activities (50 – 70% planned desirable as measured by cost)

- Maintain a current infrastructure risk register for assets and present service risks associated with providing services from infrastructure assets and reporting Very High and High risks and residual risks after treatment to management and Council/Board
- Review current and required skills base and implement workforce acquisition, training and development to meet required operations and maintenance needs
- Review asset utilisation to identify underutilised assets and appropriate remedies, and over utilised assets and customer demand management options
- Maintain a current hierarchy of critical assets and required operations and maintenance activities
- Develop and regularly review appropriate emergency response capability
- Review management of operations and maintenance activities to ensure we are obtaining best value for resources used.

Strategic Asset Management Plan 2022

Council uses the Asset Management System to monitor Councils proactive and reactive maintenance programs and compliance to these programs. Following the Asset Improvement Plan in 2018/19 Maintenance Managers and Strategic Assets Staff have been Automating the Proactive Maintenance programs, which has enabled resource efficiency to increase proactive Inspections and Scoping. At this point in time the has enabled better targeting of operational resources to asset maintenance strategies which means no additional requirements for maintenance beyond that for new services.

5.5 Renewal/Replacement Strategies

Renewal and replacement expenditure is major work which does not increase the asset's design capacity but restores, rehabilitates, replaces or renews an existing asset to its original or lesser required service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Council Plans Capital Renewal and Replacement projects, in consultation with the Councillors and Community, to meet levels of service objects and minimise infrastructure service risks by:

We will plan capital renewal and replacement projects to meet level of service objectives and minimise infrastructure service risks by:

- Planning and scheduling renewal projects to deliver the defined level of service in the most efficient manner
- Consult with the Community and Elected members to during the scoping for all capital renewal and replacement projects to identify:
 - the service delivery 'deficiency', present risk and optimum time for renewal/replacement
 - the project objectives to rectify the deficiency
 - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
 - and evaluate the options against evaluation criteria adopted by Council/Board, and
 - select the best option to be included in capital renewal program.
- Using optimal renewal methods (cost of renewal is less than replacement) wherever possible
- Maintain a current infrastructure risk register for assets and service risks associated with providing services from infrastructure assets and reporting Very High and High risks and Residual risks after treatment to management and Council/Board

Strategic Asset Management Plan 2022

- Review current and required skills base and implement workforce training and development to meet required construction and renewal needs
- Maintain a current hierarchy of critical assets and capital renewal treatments and timings required
- Review management of capital renewal and replacement activities to ensure we are obtaining best value for resources used.

5.6 Renewal ranking criteria

Renewal ranking criteria was developed from consideration of renewal/replacement need for assets that:

- Have a high consequence of failure
- Have a high utilisation and subsequent impact on users would be greatest
- The total value represents the greatest net value to the organisation
- Have the highest average age relative to their expected lives
- Are identified in the AM Plan as key cost factors
- Have high operational or maintenance costs, and
- Where replacement with modern equivalent assets would yield material savings.

Criteria used for ranking renewal and replacement proposals are documented in the applicable AM Plans.

The ranking has enabled Council Staff to determine to the most critical asset classes to be reviewed by Council over the next 12 months, based on the above criteria, this includes Roads, Drainage, Buildings, Playspaces, Urban Assets – Park Furniture & Irrigation and Natural Systems – Waterways and City Trails.

5.7 New and Upgrade Assets Strategies

New works are those works that create a new asset that did not previously exist, or works which upgrade or improve an existing asset beyond its existing capacity. They may result from growth, social or environmental needs. Assets (donated or gifted assets) may also be acquired at no cost to the organisation from land development or arising from government grants.

Strategies for creation, acquisition of new assets and upgrade of existing assets proposed in this SAMP are:

Council Plans Capital upgrade and new projects, in consultation with the Councillor's and Community, to meet levels of service objectives in the most efficient manner by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner

Strategic Asset Management Plan 2022

- Undertaking project scoping & consulting with the Community and Elected members to identify
 - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
 - the project objectives to rectify the deficiency including value management for major projects
 - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
 - management of risks associated with alternative options
 - and evaluate the options against evaluation criteria adopted by Council/Board, and
 - select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement staff acquisition, training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure we are obtaining best value for resources used.

5.8 Proposal New/Upgrade Assets Selection Criteria

New assets and upgrade/expansion of existing assets are identified from various

sources such as councillor or customer/ community requests, proposals identified by strategic plans or partnerships with other organisations. Proposals are inspected to verify need and to develop preliminary CAPEX and OPEX estimates. Verified proposals are ranked by priority and available funds and scheduled in future works programmes. The priority ranking criteria is detailed in the respective asset management plans.

5.9 Disposal Plan

Disposal includes any activity associated with disposal of a decommissioned asset including sale, demolition or relocation.

Assets identified for possible decommissioning and disposal are shown in the respective asset management plans summarised in this strategic asset management plan.

Council has just demolished the existing swim centre with the replacement Salisbury Recreation Precinct to be constructed over the next 2 years. Where there are major upgrades of facilities such as Burton and the Operations Centre, Council have demolished part or all of the existing facilities. Similarly, where there is a merging of facilities as at the Paddocks, 3 buildings are being replaced with a single facility.

Strategic Asset Management Plan 2022

5.10 Assumptions and Confidence Levels

This section details the key assumptions made in presenting the information contained in this strategic asset management plan and in preparing forecasts of required operating and capital expenditure and asset values, depreciation expense and carrying amount estimates. It is presented to enable readers to gain an understanding of the levels of confidence in the data behind the financial forecasts.

Key assumptions made in this asset management plan and risks that these may change are shown in **Table 8**.

Table 8 - Key Assumptions made in Strategic Asset Management Plan

Key Assumptions	Risks of Change to Assumptions
Financial values have been forecast as current year costs.	Financial values will need to be adjusted for significant inflationary pressures in future annual and/or long term planning.
Level of Service modifications will be within the current budgets where possible.	Level of Service at current asset lives are not financially sustainable in the long term, with either an increase in replacement lives for some assets and/or a reduction in levels of service for some assets required in the long term, or an adjustment to funding requirements is made.
The hub & new facilities operational costs will be offset by building & operational efficiencies.	The increased Levels of Service have seen an offset to the efficiency gains of the new facilities, with a significant increase in operating cost being seen for new facilities, with operating increasing in the Building area by \$500k.

The expenditure and valuations projections in this strategic asset management plan are based on best available data. Currency and accuracy of data is critical to effective asset and financial management.

The estimated confidence level for and reliability of data used in this strategic asset management plan is shown in **Table 9**.

Table 9 - Data Confidence Assessment for AM Plans summarised in Strategic AM Plan

AM Plan	Confidence Assessment	Comment
Drainage & Waterways	Medium	Majority of assets have long lives and are only part way through lifecycle, high risk assets are routinely audited (dams) however Council is increasing the CCTV inspection frequency to further increase confidence levels in the understanding of the Pipe Network Condition.
Parks & Streetscapes	High	Detailed playground audits are undertaken externally every 4-5 years and other minor asset classes are inspected routinely by internal staff.
Street Trees	High	Detailed audit undertaken in 2019 and asset management strategies are being revised for implementation based on new Levels of Service.
Public Lighting	High	Detailed audit undertaken in 2019 and asset management strategies are being revised for implementation.
Transportation	High	Council has completed a detailed audit this year of its roads, (both PCI and SCI) which gives high confidence in the development of the Renewal Program for the City over the next 5 years and confidence in the longer 20 year estimation of asset condition. Council's Footpath and Kerbs are audited every 2-3 years with renewal and maintenance programs revised accordingly.
Property & Building	High	Building condition data is up to date with an audit recently completed, with function and capacity now the key criteria based on Customer Service Levels.
Salisbury Water	High	Assets are relatively new compared to other asset classes with planned reviews of asset data to revise asset management strategies.
Plant & Fleet	High	Fleet assets are typically short lived compared to other asset classes and asset management strategies are in place.

Overall data sources and confidence in that data is assessed as high, however the valuations of the assets are of concern, with an expectation of revaluations significantly increasing, due to current inflationary pressures. This inflationary pressure will significantly increase the cost to deliver the Renewal Program and increased funding requirements, should service levels not be reduced.

Strategic Asset Management Plan 2022

5.11 Improvement Plan

The asset management improvement tasks identified from an asset management maturity assessment and preparation of this strategic asset management plan are shown in **Table 10**.

Table 10 - Improvement Plan

Task No	Task	Responsibility	Resources Required	Timeline
1	Undertake a review asset hierarchy for all asset classes.	Asset Managers	Asset Management Teams	JUN 2022
2	Undertake a review of key Asset Classes including recommendations regarding Levels of Service based on new Hierarchies.	Team Leader Strategic Assets / Asset Managers	Asset Management Teams	SEP 2022
3	Undertake financial modelling of Changes to service levels in key areas.	Asset Managers	Asset Management Teams	SEP 2022
4	Revise Council policies where applicable for key assets, in line with new service levels.	Asset Managers	Asset Management Teams	FEB 2023
5	Revise individual Asset Management Operational Plans	Asset Managers	Asset Management Teams	FEB 2023
6	Revise Strategic Asset Management Plan for sign off by new Council	Manager Infrastructure Management	Team Leader Strategic Assets / Asset Managers	APR 2023
7	Review 2023/24 budget bids based on service level changes completed in Sep 2022.	Asset Managers	Asset Management Teams	DEC 2022
8	Council undertake a detailed review of valuations for key assets.	Asset Managers & Finance	Consultancy	JUL 2022

6. Financial Summary

This section contains the collective financial requirements resulting from all the information presented in the previous sections of this SAMP and subordinate AM Plans. The financial projections to provide the targeted levels of service will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

6.1 Financial Indicators and Projections Asset Renewal Funding Ratio

The Asset Renewal funding ratio indicates to what extent asset renewal is funded in the Long Term Financial Plan. It is calculated by dividing the projected capital renewal expenditure provided in each year of the LTFP by the renewal expenditure contained within the SAMP. Over the next 10 years Council is forecasting it has 100% of the funds to renew and replace existing assets. This is based on service levels contained within this document. Where service levels are increased this may mean that assets are renewed on a short time frame, and/or it may require upgrade expenditure to improve the asset to the planned new higher service level. As these decisions are taken, it requires consideration of trading off other asset service levels into, or accepting a need to increase funding for the service level increases. This must be done in a financially sustainable manner.

If service level decreases are not agreed as a long term change, and no additional funding is added, then this would create a gap between service level experienced and the service level desired but not funded, which is in effect what is termed a 'renewal backlog'. While this renewal backlog risk can be managed in the short to medium term it cannot be a long term solution as this generation of rate payers are not paying their fair share of the services they are consuming.

6.2 Funding Strategy

This SAMP is consistent with Council's existing funding strategy and Long Term Financial Plan looking at both Capital and Operating Costs.

6.3 Expenditure Forecasts - Operations and Maintenance

The changes in operations and maintenance budgets as of 2020/21 are shown in **Figure 9** and **Figure 10**. Note that all costs are shown in current dollar values (i.e. real values). Potential operating increases are;

1. Resource Management NAWMA – Collection Contract increases
2. Northern Connector Asset & Land Handover – Yet to be finalised
3. Increased mowing and watering costs – due to new irrigated spaces
4. Increased verge maintenance – Additional no. of Cuts and Litter pickup
5. Increase in Levels of Service for some Informal and Formal Recreation destinations – including Fairbanks, Paddocks and an increase in Toilet Facilities in Reserves (4)

Strategic Asset Management Plan 2022

Figure 9 - Operations and Maintenance Expenditure Projections (pre 2020/21)

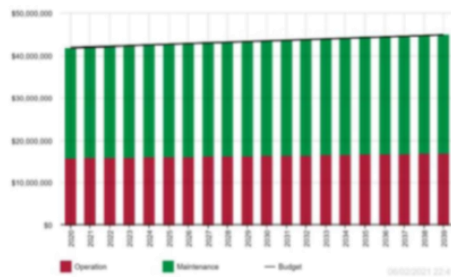
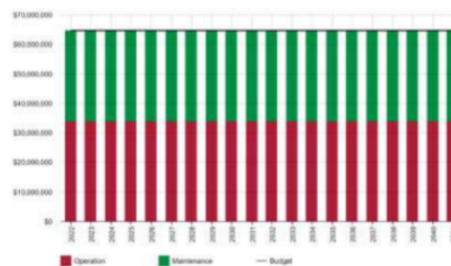


Figure 10 - Operations and Maintenance Expenditure Projections (post 2021/22)

**Capital Renewal Expenditure Projections**

Projected future renewal and replacement expenditures are forecast to increase over time as Council's assets reach the end of either their service or design lives. This forecast expenditure need has been accommodated in the organisation's long-term financial plan as shown in **Figure 11** and **Figure 12**.

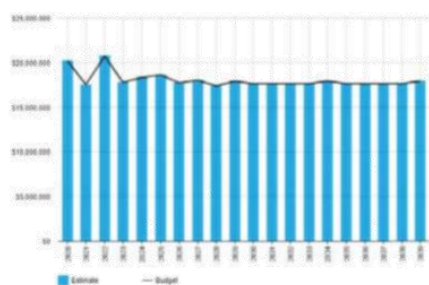
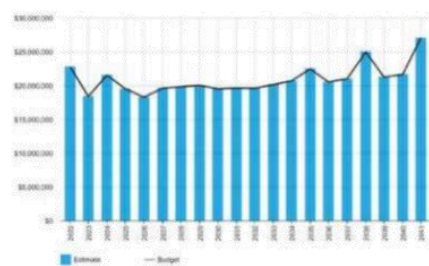


Figure 12 - Capital Renewal Projected Expenditure (post 2021/22)



Where renewal projections take into account asset register estimates of asset useful lives, the useful lives are documented in the relevant asset management plan(s).

Projected upgrade/new asset expenditures and estimated long-term financial plan outlays are summarised in **Figure 13** and **Figure 14**. All amounts are shown in today's dollars.

Strategic Asset Management Plan 2022

Figure 13 - Capital New/Upgrade Projected Expenditure (pre 2020/21)

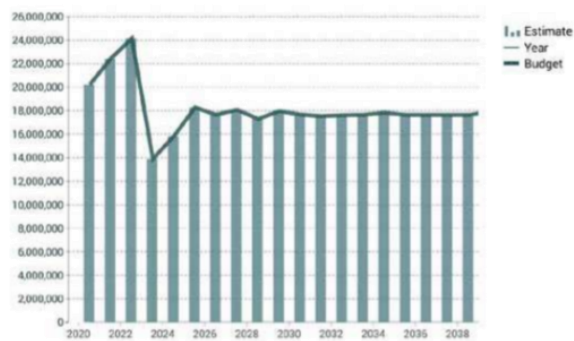
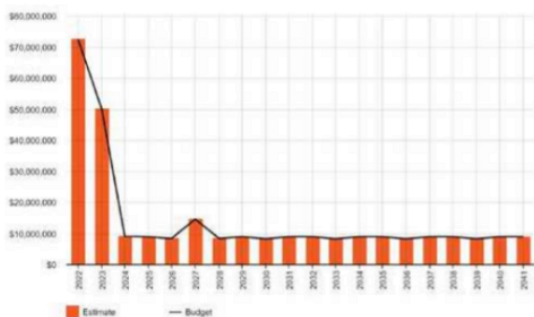


Figure 14 - Capital New/Upgrade Projected Expenditure (post 2021/22)



Expenditure Projections linked to Long-Term Financial Plan

Figure 15 and **Figure 16** show the projected operations, maintenance, capital renewal, capital upgrade/new expenditure and these amounts have been accommodated in outlays shown in the long-term financial plan. Some activities and/or projects have been deferred to the 3 years beyond the 10 year financial planning period to allow further consideration of service level needs and financing options.

Strategic Asset Management Plan 2022

Figure 15 - Balanced Position Projected Operating and Capital

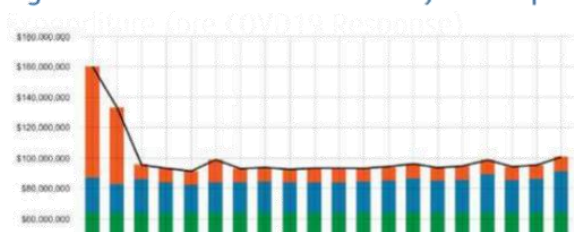
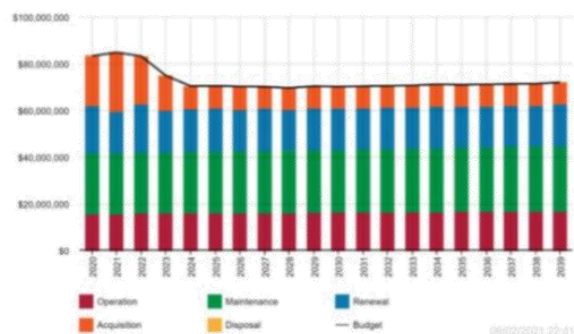


Figure 16 - Balanced Position Projected Operating and Capital Expenditure (post 2021/22)



The purpose of this strategic asset management plan is to develop the strategies to achieve the asset management objectives through balancing of asset service performance, cost and risk.

Strategic Asset Management Plan 2022

7. Conclusion

City of Salisbury is committed to continue to deliver a progressive, sustainable, connected community, providing Excellent Community Experience through its services in a financially affordable and sustainable manner. The Asset Management Data has significantly improved over the last 5 years, particularly with Tablets now in the Field, enabling Council to manage and maintain its' Assets in a financially sustainable manner to deliver these services to agreed levels of service.

This Strategic Asset Management Plan is an interim step in that it proposes expenditure across the asset classes to meet the endorsed levels of service, but has reduced the number of assets renewed or replaced, in some asset classes; recognising and accepting the risk associated with this decision. This is not a long term solution, as, in the long term, it ultimately leads to increases in operating expenditure in trying to maintain assets that have already reached their service or design life, and also delays the replacement of assets that should be replaced, using that funding to meet increased service levels of other assets.

Council is engaged in an Asset Management Improvement Process to further review structure and hierarchy of key asset classes and subsequent community levels of service, over the next 12 months. This will ensure that the Council's renewal /upgrade programs are financially sustainable, intergenerational equity is maintained, and the preventative and reactive maintenance programs and associated costs meet the Council's agreed levels of service in future years.

Asset managers have been continuing the Asset Management Improvement Plan, re-evaluating assets based on place and community services rather than condition and useful life. This process will continue over the next 12 months to confirm Useful Lives, Valuations, Capitalisation, and Function & Capacity of Assets to deliver services.

This will enable the Council to, for the first time, set funding for renewal and upgrade of assets, based on service continuity rather than condition and depreciation. This work will complete the process, begun three years ago, of moving Salisbury's Strategic Asset Management Plan from **core maturity** to nearing **advanced maturity**.

8. References

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ITEM	AMSC4
	ASSET MANAGEMENT SUB COMMITTEE
DATE	11 July 2022
HEADING	Strategic Asset Management Plan - Urban Built Assets - Playspaces
AUTHOR	Jamie Hosking, Team Leader Urban Built Assets, City Infrastructure
CITY PLAN LINKS	1.1 Our City is attractive and well maintained 4.4 We plan effectively to address community needs and identify new opportunities
SUMMARY	The purpose of this report is provide an update on the Asset Management Plan for Playspaces and will cover the current state of the assets, revisions to the asset classes, community expectation and on-going improvement of the assets data to ensure the Council's assets are planned, managed and renewed in line with agreed levels of service, which are financially sustainable.

RECOMMENDATION

That Council:

- 1.1 Approves the following Hierarchy for playspaces, which will be used to inform revisions to Asset Management Plan and review Community Level of Service:
 - Regional
 - District
 - Local
 - Landscaped Amenity
- 1.2 Approves the following Community Levels of Service Criteria for playspaces:
 - Usage Numbers
 - Length of Stay
 - Provision of Play – Demographics
 - Provision of Play - Accessibility
- 1.3 Approves consideration of Technical Service Level Criteria for playspaces:
 - Age
 - Condition
 - Compliance

ATTACHMENTS

There are no attachments to this report.

1. BACKGROUND

- 1.1 The *Local Government Act 1999* Section 122 (e) sets out the requirements for Council's asset management planning, the objective of the asset management process is to establish a framework to guide the planning, construction, maintenance and operation of the infrastructure essential for council to provide services to the community. Council has adopted a framework for the asset management process that includes a Strategic Asset Management Plan (SAMP) and Operational Asset Management Plans.
- 1.2 Council has adopted an interim SAMP based on existing levels of service and programs adjusted to align with the Long Term Financial Plan (LTFP). As with the case of a number of asset classes the funding for the Renewal of Playspaces allocated in the SAMP, means that for a significant portion of playspaces, the current replacement age will significantly increase, beyond the nominal 25 year life, with only funding to replace 3 to 4 playspaces each year.
- 1.3 This report presents the first stage of a two-stage approach methodology for the review of Playspaces in alignment with Item AMSC3 – Strategic Asset Management Plan – Report Schedule that was considered at the March Asset Management Sub Committee and adopted by Council on 28 March 2022.
- 1.4 The first report focusses on the creation of a Hierarchy and Criteria to assess the Council's Playspace Assets to be able to confirm or modify endorsed service levels and determine the budget implications for funding those service levels in the Long Term Financial Plan.

2. CITY PLAN CRITICAL ACTION

A welcoming and liveable City

- 2.1 Enhance the visual appearance and amenity of public space through an expanded verge maintenance program, appropriate lighting and more greening of reserves
- 2.2 Improve our playgrounds and sporting facilities and cycle paths
Our City is attractive and well maintained

3. REPORT

Introduction & Strategy

- 3.1 As part of the continuing improvement of the asset management plans several asset management categories and asset classes have been revised to better align to service delivery.
- 3.2 This includes the creation of the Urban Built Asset Category (formerly Parks & Streetscapes) which will cover the following classes:
 - Playgrounds
 - Outdoor Sports Courts
 - Irrigation
 - Outdoor Furniture
 - Footpaths (previously in Transportation)
 - Street Trees

- Public Lighting (previously in Transportation)
 - Sport Lighting
 - Fitness Equipment
 - Fences/Wall and Bollards
 - Tree Screens
- 3.3 The asset management plan for Urban Built Assets has a direct effect on the corporate goals of the City Plan 2035:
- A welcoming and livable City
 - Enhance the visual appearance and amenity of public space through an expanded verge maintenance program, appropriate lighting and more greening of reserves
 - Improve our playgrounds and sporting facilities and cycle paths
 - Our City is attractive and well maintained
- 3.4 The Place Activation Strategy adopted by Council looks to achieve these goals, with policy work over the last 3 years focused on destinations, and community expectations for those facilities, (Service Levels) rather than the age and condition of Assets.
- 3.5 The underlying principle of the Place Activation strategy, is that the community when using facilities do not focus on individual assets but the place or destination that they are entering. Therefore, this report focuses on not just “play equipment”, but “**Playspaces**” within reserves as destinations and places rather than an individual asset classes, to include all the infrastructure, paths, fences, shelters etc. that support the use of the play equipment.

Playspaces – Current Status

- 3.6 Within the context of the Council’s Strategic Asset Management Plan, Urban Built Assets represents 14% of the total value of all assets (\$220M). Within this 171 playspaces represent \$70M to replace the existing assets to modern equivalent. The current renewal program is \$2.1M in the Interim SAMP.
- 3.7 Over the term of this Council we have seen an increase in community awareness of the age, condition and function (fit for purpose) of playspaces and heightened expectation related to the service levels, distribution/locations, included features and quality.
- 3.8 Playground equipment currently has a nominated 20-year useful life (as endorsed by Council in 2021). As of the decision in 2021 there were 40 playspaces that have play equipment well beyond 30 years of age. Similarly, many of the Assets, even play elements do not need renewal of the whole asset, within 20 years, but elements.
- 3.9 A good example of this is St Kilda, which has play equipment, such as the Castle or Boomerang, or flying fox, that will have significantly different useful lives and play service levels, with some elements not requiring replacement for 50 years.
- 3.10 This means that moving forward the rule base replacement age of 20 years for equipment needs to be considered with probably new criteria used, to determine when a playspace is renewed and what within the playspace is renewed.

- 3.11 This is similar to the Condition of Council's playspaces. Generally, the play equipment is in fair to good condition, with significant maintenance spent to ensure safety, which means often individual elements, such as swings and chains, for example, are replaced as part of routine safety maintenance inspections.
- 3.12 However, condition of the structures, does not determine play value, particularly as the demographic changes and the community changes in need and use for playspaces.
- 3.13 There have been significant changes to the level of service associated with Playspaces and the community expectation, through the modification of the Playspace Policy.
- 3.14 The Policy has been based on Elected Member input, community expectation and the Place Activation Strategy includes:
- Approval of 800m catchments for local playgrounds; 500m for playspaces;
 - Adoption of minimum requirements include:
 - Irrigated open space area (2000-3000 sq.m);
 - seating and bin;
 - swing set of which one bay is accessible, with surfacing beneath to allow access for all abilities;
 - multi-function playground which includes a slide, play panels and climbing elements;
 - nature play elements to be considered;
 - shade to be provided to the whole playground;
 - metal 1.2m high fencing to be installed where the playground is within 20 meters of a roadway or other hazard and no alternate treatment, such as plantings or other landscape features, is possible; and
 - optional site-specific elements such as barbecues, lighting, drinking fountains and toilets be considered in discussion with Ward Councilors.
- 3.15 The Interim SAMP considers the policy where renewal occurs, but is not funded to replace playspaces, or all playground equipment based on 20-year life or to the endorsed service level. Rather, the approach adopted in the Interim SAMP and explained to Council, has been based on risk management, enabling a reduction in the replacement program in the short term.

Asset data improvement

- 3.16 A review of the data for Playspace assets has identified that:
- 40+ playspaces have equipment that is beyond 20-year life, but remains in fair to good condition.
 - Oldest elements in some cases are over 30 years old, but in fair to good condition.
- 3.17 A level 3 Playground Audit to determine the current condition and compliance with the Australian Standards and any required rectification to meet compliance is currently underway, that will inform the second report.

- 3.18 In recent renewals old equipment at the request of Council has been retained, increasing the future renewal expenditure requirements and create a disconnect with the nominal 20-year life policy.
- 3.19 A revaluation of playspace assets is also being undertaken to confirm the current total asset value.
- 3.20 Maintenance Schedules for Playspaces with higher visitation, whilst being considered smaller in scale (i.e. District play space in a regional facility such as Bridgestone Park, are being considered differently than a blanket consideration based on size play value alone.

Playspace Hierarchy

- 3.21 Through the Playspace Policy Council has an adopted a hierarchy of playspaces that included Local, Regional and District Playspaces.
- 3.22 In practice there should be one additional hierarchy which would include Landscaped and Irrigated play spaces, that can be independent of playspaces with equipment.
- 3.23 Some of these spaces, particularly developed as part of the Place Activation Strategy has new Irrigated kick-about areas, where as other areas provide landscaped amenity, such as the irrigated grassed areas around Pine Lakes or Gulf View Heights and Mawson Lakes.
- 3.24 The Proposed hierarchy for playspaces is outlined below:
- Regional
 - District
 - Local
 - Landscape Amenity
- 3.25 During the initial analysis it was found that there are significant differences in usage depending on location, particularly for Local playspaces on a District Sports Reserves that are used differently to those of a stand-alone local playspaces.
- 3.26 A good example is a playspace such as Adams Oval that serves the local residents, but primarily those visiting to watch junior soccer. In this case the demographic does not change because the ages of children in the teams playing do not change so the levels of service in the playspace does not change. However, the local playspace on the District Lake Windemere reserve, primarily serves the residents in the immediate neighbourhood and the play needs may change with the growing suburb.
- 3.27 This means that whether the playspace, whilst not a hierarchy, is **Stand alone or Co-Located**, is considered as part of the development of levels of service (cost structure) for the playspaces.

Playspace Criteria

Community Service Levels

- 3.28 **Usage Numbers and Length of Stay** needs to be considered as part of the criteria for assessment, as noted above, and it is proposed to collect data on usage for report 2. It is important to understand that local playspaces on regional reserves such as at Bridgestone require significantly higher levels of maintenance and reduced renewal timeframes, than that of a standalone playspace for a neighbourhood only. This usage data is yet to be collected and will be a key performance indicator moving forward for both provision and renewal requirements. Length of Stay needs to be considered as a way determining what the playspace future development of the site will be and the possible other facilities needed.
- 3.29 **Provision of Play - Demographic** is an important criterion given the challenges of a playspace lasting 50 years but the demographic changing every 20 years. More detailed assessment and auditing of playspace vs suburb demographic is needed, to better meet the needs of the local community, and to understand, if possible, future trends affecting play needs for the residents in the immediate area, particularly for neighbourhood and local playspaces.
- 3.30 **Accessibility** as part of the **provision of play**, is already considered in the policy, with District and Regional facilities being accessible for all and having accessible equipment, and local not normally including accessible play elements. This may need to be modified with respect to renewals once the Council approves the hierarchies. For example, the design of the renewal of a Local playspace, could be modified, to include some accessible elements, rather than the full facility, where there is a specific need identified, during the consultation process, with the residents in the immediate neighbourhood.

Technical Service Levels

- 3.31 **Age**, whilst not representing the Community Service Level is important to be considered as part of the overall renewal programs, particularly given that assets have many different service-lives, noting that service life is different from useful life.
- 3.32 **Condition** of Playspaces and Play elements is critical particularly from a safety perspective, rust management etc., however this is undertaken via daily and weekly inspections and maintenance works, which means that condition is given not under consideration in determination of criteria and hierarchy for investment.
- 3.33 Similarly, **Compliance** is a given rather than a unique point of difference, however the audit may reveal a need to undertake additional upgrade works, as renewal is undertaken to meet current updated access and design requirements.

Hierarchy and Criteria

- 3.34 Hierarchy & Criteria will be considered initially as follows in the table below. However, it will be refined as the modelling is undertaken, data collected, and the application of criteria is more clearly understood.

3.35 Hierarchy of the Playspaces for the City, as outlined in the table below:

Table 1 - Playspace Hierarchy & Criteria:

Proposed Playspace Hierarchy	No of Sites	Usage visit / week	Length of stay	Provision of Play/ Demographic	Provision of Play/ Accessibility
Regional (Standalone), (Including St Kilda)	3	500+	Whole day	All ages,	Includes inclusive play
Regional (Co-Located)	4	600+	Whole day	All ages,	Includes inclusive play
District (Standalone)	3	200+	Half day	All ages, with a focus on young adult,	Includes inclusive play elements
District (Co-Located)	19	250+	Half day	All ages, with a focus on young adult,	Includes inclusive play elements
Local (Co-located)	4	100+	30min +	4–14-year-old,	Inclusive elements upon review of consultation.
Local (Standalone)	111	20-50	15-30min	4–11-year-old,	Inclusive elements upon review of consultation.
Landscape Amenity	30		Short term	Irrigated Kick-a-bout area	
Landscape Amenity	450		Short term	Amenity area	

4. CONCLUSION / PROPOSAL

4.1 *The Local Government Act 1999* sets out the requirements for Council's asset management planning, the objective of the asset management process is to establish a framework to guide the planning, construction, maintenance and operation of the infrastructure essential for council to provide services to the community. Council has adopted a framework for the asset management process that includes Strategic Asset Management Plan and Operational Asset Management Plans.

4.2 As part of the continuing improvement of the asset management plans for the City's Assets additional analysis is being undertake of Key Asset Classes, including Playspaces. This will inform Council in setting levels of service and subsequent renewal funding, for the next iteration of the Strategic Asset Management Plan and Operation Asset Management Plans due early next year.

4.3 The approval of the following Hierarchy and Criteria below, for playspaces, will enable the asset management team to model the short, medium- and long-term affordable Community Service Levels:

Hierarchies:

- Regional
- District
- Local
- Landscaped Amenity

4.4 Community Levels of Service Criteria:

- Usage Numbers
- Length of Stay
- Provision of Play - Demographics
- Provision of play - Accessibility

4.5 Similarly, Technical Service Level Criteria for playspaces of:

- Age
- Condition
- Compliance

Will also be used as compulsory elements in the evaluation of Community Service Level funding.

4.6 Whether a Playspace is Co-Located with other facilities or Standalone in a reserve will be considered as part of the Community service level development and cost structure. As mentioned above, this is primarily because where a playspace is co-located, such as with a sports facility, it is likely to have a significantly higher usage rate and therefore a reduced service life and higher maintenance costs, than an equivalent stand-a-lone playspace.

4.7 A more detailed assessment of usage, length of stay and Provision of Play demographic information and audit data of playspace assets is required to better understand the current state of the assets and opportunities to manage community levels of service and financial sustainability, which will be considered as part of Report 2.

4.8 At this point in time it is proposed to undertake the first stage of Report 2, updating the existing Strategic Asset Management Plan for Playspaces by August. However, with respect to Playspaces it is expected that there will be ongoing refinement over the next two years, in line with the updated Sustainability Strategy and continuous improvement of the Place Activation Strategy.

MOTIONS ON NOTICE

AMSC-MON1 Regulated and Significant Tree Removal Process

Cr Beau Brug has submitted the following Motion on Notice:

That Council:

1. Approves to submit a motion to the Local Government Association ordinary or annual general meeting on the ongoing issues with Significant and Regulated trees experienced by members of the community, and requests advocacy on the introduction, and/or appropriate amendment, of relevant legislation to simplify the process to manage trees causing community nuisance and/or property damage.
2. Authorises the Mayor to write to the South Australian Minister for Planning in relation to the ongoing issues with Significant and Regulated trees experienced by members of our community, and requests consideration of the introduction, and/or appropriate amendment, of relevant legislation to simplify the process to manage trees causing community nuisance and/or property damage.

Administration Comment:

The concept of a significant tree was first introduced by the South Australian Parliament in 2000 as a result of community and local government recognition of the value of large trees within Metropolitan Adelaide making an important contribution to the character or amenity of a local area. The Government's policies essentially provided for the protection of a significant tree unless a specific criterion is satisfied to warrant the removal of the tree.

The policies apply to all trees in the metropolitan area, including trees on council reserves. In 2012, the Parliament introduced a two-tier system of tree classification and assessment with the introduction of a regulated tree (with a circumference of 2 metres or more) where the relevant authority would undertake a 'planning assessment' of the tree removal, with generally less requirements for expert reports. The policy allowed circumstances for the removal of a regulated tree where reasonable development would otherwise not be possible. A significant tree (with a circumference of 3 metres or more) retained essentially stronger criteria for the removal of such trees.

The development application process for the removal of regulated and significant trees involves the submission of the application on the state Development Assessment Portal together with plans, supporting information and application fees. The application process is relatively simple within the context of the planning system.

As the assessment of a development application for tree damaging activity is made against policy criteria in the Planning and Design Code, Council may wish to consider additional policy considerations for the particular circumstances in the proposed motion, noting that the policies essentially seek the retention of regulated and significant trees unless the tree is dying, causing unacceptable risk to safety or preventing development that is reasonable for regulated trees, or all other options have been exhausted for significant trees. Nuisance issues have generally not been accepted criteria for the removal or regulated or significant trees and could be seen to undermine the intent of the current tree protection legislation.

Council's then Development Assessment Panel provided the following advice to Council in its 2016/17 annual report that could be relevant for this motion...*given the extensive nature of Council's Streetscape Renewal Program, it may be appropriate for Council to seek the Minister for Planning's approval for amendments to the Development Plan for the consideration of street trees in such programs, given that the Development Plan criteria were created by the State Government.*

In making a formal submission to the Local Government Association (LGA), it is noted that the LGA Policy Manual has agreed positions in relation to Urban Greening that includes ...Local government understands that having higher levels of natural plant life (trees and shrubs located in street verges, parks and on private properties) in their local communities has many social and environmental benefits, particularly in urban communities. Councils shall continue to explore and implement strategies that maintain and increase levels of urban greenery to maximise the benefits of green cover.

It is also noted that the new State Government as part of their election commitment indicated that 'A Malinauskas Labor Government will commission an implementation review of the Planning, Development and Infrastructure Act and the Planning and Design Code, with the aid of an expert panel, to ensure that planning decisions encourage a more liveable, competitive and sustainable long-term growth strategy for Greater Adelaide and our regions.' While the State Government has not announced when this process will commence, Council may wish to consider making a submission on significant and regulated trees as part of this process.

AMSC-MON2 DIT and Council Joint Multi-Storey Car Park Proposal at Mawson Lakes

Cr Beau Brug has submitted the following Motion on Notice:

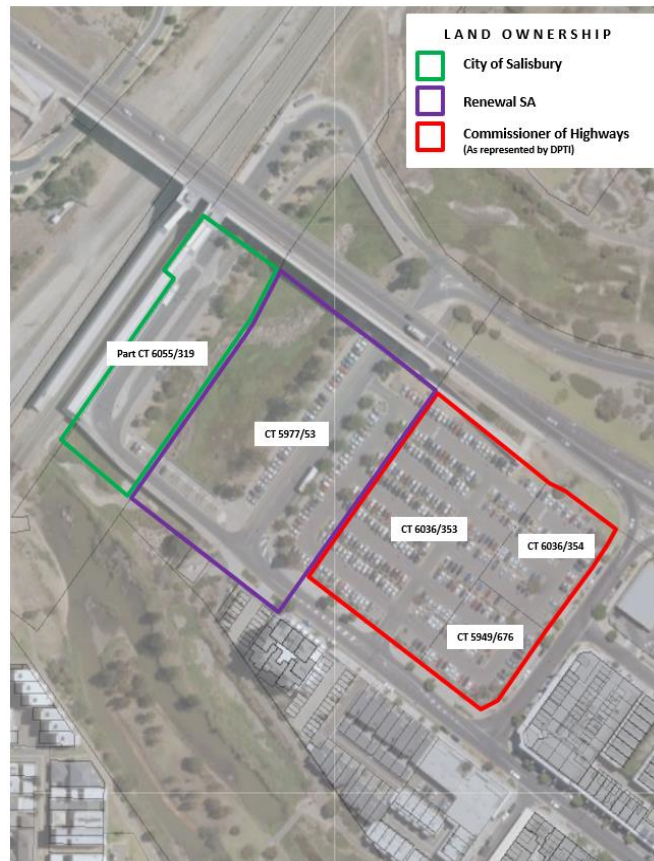
That Council:

1. Notes the ongoing parking issues in Mawson Lakes; in particular the inadequate existing state government interchange car park, which overflow significantly affects local surrounding streets.
2. Notes the completion of the Gawler line electrification, which is expected to increase the amount of current users on the Gawler line and users of the Mawson Lakes bus and train interchange.
3. Notes the opportunity for quality development and the provision of additional carparking facilities including a modern park and ride facility at the current site of the Mawson Lakes interchange carpark (which is owned by the State Government) and over the drainage land parcel owned by the City of Salisbury.
4. Requests that, following consideration of the recommendations of the Mawson Lakes Parking Study currently being undertaken by Council, Administration writes to the new State Government Minister for Infrastructure and Transport, Chief Executive of the Department for Infrastructure and Transport and Renewal SA expressing Council's interest in recommencing a partnership project to develop an appropriate activation of the site, including but not limited to modern park and ride facilities, with a net gain of number of available carparks as well as advocating for assistance with implementing the recommendations from the greater Mawson Lakes Parking Study.

Administration Comment:

Discussions between Administration and State Government representatives to date have resulted in State Government representatives advising they currently have no intention to progress the realignment of boundaries within the parking precinct surrounding the interchange.

Below is a map of the different ownerships for the precinct for Members' information:



The recommendations from the Mawson Lakes Parking Study will be reported back to Council and letters can be sent to the Minister and State Government following the agreed outcomes from that report.