

# 10 Year Asset Plan 2022-2032

Version 1.0 | July 2022

# Table of contents

| 1. | Intro | oduction  | 4        |
|----|-------|---|----------|
|    | 1.1.  | The purpose of this Asset Plan                        | 4        |
|    | 1.2.  | Compliance with the Local Government Act 2020         | 4        |
|    | 1.3.  | Strategic Context                                     | 4        |
|    | 1.4.  | Integrated Strategic Planning and Reporting Framework | 5        |
|    | 1.5.  | How was this Asset Plan Developed                     | 6        |
|    |       | 1.5.1. Asset Management Plans                         | 6        |
|    |       | 1.5.2. Deliberate Community Engagement                | 6        |
|    | 1 /   | 1.5.3. An integrated 10 Year Asset Plan               | 6        |
|    | 1.6.  | The scope of this Asset Plan                          | 7        |
| 2  | 1.7.  | Not included in this Asset Plan                       | 7        |
| 2. | Leve  | els of Service  | 8        |
|    | 2.1.  | Unplanned Inspection & Maintenance                    | 8        |
|    | 2.2.  | Planned Inspection & Maintenance                      | 15       |
|    |       | 2.2.1. Roads & Footpaths                              | 15       |
|    |       | 2.2.2. Open Spaces<br>2.2.3. Facilities               | 16<br>17 |
|    |       | 2.2.3. Facilities<br>2.2.4. Stormwater                | 17       |
|    | 2.3.  | Condition Inspection                                  | 18       |
|    | 2.4.  | Performance Monitoring                                | 18       |
|    |       | 2.4.1. Roads & Footpaths                              | 18       |
|    |       | 2.4.2. Open Spaces                                    | 19       |
|    |       | 2.4.3. Facilities                                     | 21       |
|    |       | 2.4.4. Stormwater                                     | 23       |
| 3. | 10 Y  | ear Expenditure Forecast                              | 26       |
|    | 3.1.  | Asset Maintenance Expenditure                         | 26       |
|    | 3.2.  | Asset Renewal Expenditure                             | 27       |
|    | 3.3.  | New Asset Expenditure                                 | 28       |
|    | 3.4.  | Asset Upgrade & Expansion Expenditure                 | 29       |
|    | 3.5.  | Asset Disposal  | 30       |
|    | 3.6.  | Asset Sustainability Ratio                            | 31       |
| 4. | Plan  | Improvement and Monitoring                            | 32       |
|    | 4.1.  | Asset Plan Review                                     | 32       |
|    | 4.2.  | Consultation  | 32       |
|    | 4.3.  | Performance Measures                                  | 33       |
|    | 4.4.  | Improvement Action Plan                               | 33       |

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This Asset Plan is also available on Council's website at www.brimbank.vic.gov.au

#### Document control

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# 1. Introduction

# 1.1. The purpose of this Asset Plan

As a requirement under the Local Government Act 2020 (the *Act*), this Asset Plan has been developed to guide and demonstrate Council's responsible and sustainable management of its public infrastructure assets and to communicate the strategies and funding required to help achieve our Council Plan objectives and Community Vision statement.

The purpose of this Asset Plan is to:

- Improve the transparency around asset value and performance.
- Better inform the community on the type of assets under Council's management and control.
- Better inform the community on the financial impost on managing these assets.
- Contribute to Council's long-term objectives, strategic intent, and finances.
- Improve the efficiency and effectiveness of asset management practices through a more engaged community and informed council.
- Better align decisions around service levels and standards, and financial sustainability.

#### 1.2. Compliance with the Local Government Act 2020

The Local Government Act 2020 (the *Act*) requires councils to develop, adopt and keep in force an Asset Plan in accordance with its deliberative engagement practices.

The scope of an Asset Plan is a period of at least the next 10 financial years.

An Asset Plan must include information about maintenance, renewal, acquisition, expansion, upgrade, and disposal in relation to each class of infrastructure asset under the control of the Council.

Under the *Act*, councils are required to adopt an Asset Plan by 30 June 2022. The Asset Plan must be developed in accordance with Council's deliberative engagement practices.

# 1.3. Strategic Context

This Asset Plan is a vital component of the Local Government Integrated Strategic Planning and Reporting Framework (ISPRF). See Section 1.4.

As such, this Asset Plan is aligned and complements the other Council planning and reporting documents, including our Council Plan 2021-2025, Brimbank Community Vision 2040, Council Budget, Annual Report, and Financial Plan.

The integration of this Asset Plan within the ISPRF ensures that public assets inform and respond to changing community needs and expectations; they remain fit for purpose; and that optimum use is achieved through appropriate maintenance, renewal, and replacement programs.

# 1.4. Integrated Strategic Planning and Reporting Framework

Under the *Act*, there is a focus on ensuring that Council's strategic planning is more integrated, transparent, and focused on delivering outcomes for the community.

The Integrated Planning and Reporting Framework (ISPRF) will allow Council and the community to have better visibility across the various elements of the strategic planning and reporting system. It ensures a greater understanding of how the things we do today, contribute to achieving our future Community Vision.

The principles that underpin the ISPRF seek to ensure that as an organisation, we are working together to align our planning and reporting activities with the outcomes outlined our Council Plan, Community Vision, and other strategies.

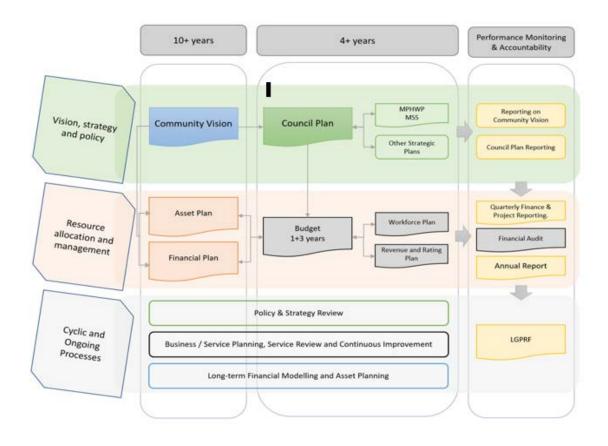


Figure 1.4.1 – The Asset Plan & the Integrated Strategic Planning and Reporting Framework (ISPRF)

# 1.5. How was this Asset Plan Developed

#### 1.5.1. Asset Management Plans

Since 2005, Council has kept in force four (4) Asset Management Plans (AMPs) covering the four main asset groups, namely roads, buildings, open space, and stormwater; and one (1) Road Management Plan being a requirement under the *Road Management Act 2004*.

The Levels of Service defined in the previous AMP's were used to:

- Inform the community of the level of service offered by public infrastructure.
- Formulate life cycle asset management strategies to deliver these defined levels of service.
- Enable the community to assess suitability, affordability and equity of services offered.
- Provide Council with a measure of the effectiveness of public infrastructure services.
- Provide Council focus for the development of the asset management strategies.
- Provide Council with guidance for current and future services to be offered, the method by which these services are delivered and clear definition of the specific Levels of Service which Council aims to achieve.

The Levels of Service in the previous AMP's were based on:

- Community consultation, community surveys, and community feedback.
- Strategic and corporate goals.
- Legislative requirements.
- Codes of Practice.
- Regulations, environmental standards, industry and Australian Standards that impact the way assets are managed.
- Resource availability and overall financial boundaries.

# 1.5.2. Deliberate Community Engagement

As a requirement under the *Act*, the first Asset Plan must be adopted by 30 June 2022 and should be developed and prepared in accordance with Council's Community Engagement Policy.

Council officers, in collaboration with a consultant specialising in community engagement, designed and delivered a series of deliberate community engagement workshops to help inform Council's 10 Year Asset Plan, with a specific focus on asset maintenance and renewal.

#### 1.5.3. An integrated 10 Year Asset Plan

This Asset Plan constitutes Council's first 10 Year Asset Plan. It represents:

- Council's current competency in asset management.
- The integration of Council's previous four (4) Asset Management Plans.
- Feedback from Council's deliberate community engagement process.
- Council officers' interpretation of Section 92 of the Local Government Act 2020.

As such, this Asset Plan is aligned and complements the other Council planning and reporting documents, including our Council Plan 2021-2025, Brimbank Community Vision 2040, Council Budget, Annual Report, and Financial Plan.

# 1.6. The scope of this Asset Plan

Infrastructure assets covered by this Asset Plan includes all public infrastructure assets owned and/or managed by Brimbank City Council, and as catalogued in Council's Asset Management and Information System.

| Asset Class | Facilities         | Open Space         | Roads & Footpaths  | Stormwater          |
|-------------|--------------------|--------------------|--------------------|---------------------|
| Asset Group | Aged & Disability  | Active             | Roads              | Pipes               |
|             | Arts & Culture     | Passive            | Kerb & Channel     | Pits                |
|             | Youth & Family     | Specialist         | Traffic Signals    | GPT's               |
|             | Community Centre   | Heritage Gardens   | Roundabouts        | Wetlands            |
|             | Sports & Leisure   | Conservation Areas | Footpaths          | Swales / Bio-Swales |
|             | Heritage Buildings | Undeveloped Land   | Shared Paths       | Sediment Basins     |
|             | Libraries          | Activity Centres   | Car Parks          | Dams                |
|             | Municipal Offices  | Streetscapes       | Bridges & Culverts | Tree Pits           |
|             | Public Toiles      | Trees              |                    | Raingardens         |

Assets covered by this Plan are defined in Table 1.6.1 below:

Table 1.6.1 – Assets included in this Asset Plan

Key components covered by this Asset Plan are defined in Table 1.6.2 below:

| Section 2<br>Levels of Service | Section 3<br>10 Year Expenditure Forecast | Section 4<br>Improvement & Monitoring |
|--------------------------------|---|---------------------------------------|
| Unplanned Maintenance          | Asset Maintenance Expenditure             | Asset Plan Review                     |
| Planned Maintenance            | Asset Renewal Expenditure                 | Consultation                          |
| Condition Monitoring           | New Asset Expenditure                     | Performance Measures                  |
| Performance Monitoring         | Asset Upgrade Expenditure                 | Improvement Action Plan               |
|                                | Asset Disposal                            |                                       |
|                                | Asset Sustainability Ratio                |                                       |

Table 1.6.2 – Key components included in this Asset Plan

# 1.7. Not included in this Asset Plan

This Asset Plan does not provide details such as:

- Maintenance & operating procedures.
- Engineering design standards.

This Asset Plan also does not include:

- Non-council roads such as highways maintained by the Department of Transport.
- Parks and land managed by the Department of Environment, Land, Water and Environment, or other State Government body.
- Assets below the capitalisation threshold as per Council's Asset Capitalisation Policy.

This Asset Plan is separate and complimentary to Council's Road Management Plan 2021. The latter being a requirement for Council to comply with its specific responsibilities and obligations under the *Road Management Act 2004*.

# 2. Levels of Service

The Levels of Service developed by Brimbank City Council as outlined in this Asset Plan relate to community and technical service aspects such as safety, condition, and service reliability. The

Levels of Service are presented as inspection and maintenance standards with corresponding performance measures.

Inspection and maintenance may be:

- Unplanned. Refer to Section 2.1.
  Inspection and maintenance carried out in response to a complaint, unexpected fault, or sudden defect.
- Planned. Refer to Section 2.2.
  Inspection and Maintenance carried out as part of a scheduled program to avoid unplanned asset failure.
- Condition based. Refer to Section 2.3. Inspection is carried out to estimate the remaining service life of the asset and plan for future capital works.

# 2.1. Unplanned Inspection & Maintenance

Unplanned inspection and maintenance is carried out in response to a complaint or as a result of sudden failure of the asset that was not anticipated.

An appropriate response could include inspection, provision of warning signs, safety control action, remedial repairs, or permanent repairs.

The performance measure from the receipt of notification, for various asset classes, are provided in the following tables. The performance measure will be measured against the time when the issue was first reported.

| BBQ's       |                        |                       |
|-------------|------------------------|-----------------------|
| Service     | Performance<br>Measure | Performance<br>Target |
| BBQ cleans  | 5 wd                   | >85%                  |
| BBQ repairs | 5 wd                   | >85%                  |

Table 2.1.1 – Response standards for BBQ assets in working days (wd)

| Bins (street litter bins)     |             |             |
|-------------------------------|-------------|-------------|
| Somioo                        | Performance | Performance |
| Service                       | Measure     | Target      |
| Overflowing BCC's Litter Bins | 2 wd        | >85%        |

Table 2.1.2 – Response standards for Bins (street litter bins) in working days (wd)

**Bridges and Culverts** 

| Service                            | Performance<br>Measure | Performance<br>Target |
|------------------------------------|------------------------|-----------------------|
| Bridge flooding                    | 1 wd                   | >85%                  |
| Damaged bridge rails, fence, signs | 1 wd                   | >95%                  |
| Missing bridge rails, fence, signs | 1 wd                   | >95%                  |

Table 2.1.3 – Response standards for Bridges & Culverts in working days (wd)

**Conservation Areas** 

| Service               | Performance | Performance |
|-----------------------|-------------|-------------|
| Service               | Measure     | Target      |
| Control of Long Grass | 5 wd        | >85%        |
| Native Planting       | 5 wd        | >85%        |
| Noxious Weed Control  | 5 wd        | >85%        |
| Rabbit Control        | 5 wd        | >85%        |

Table 2.1.4 – Response standards for Conservation Areas in working days (wd)

| Council Buildings          |             |             |
|----------------------------|-------------|-------------|
| Service                    | Performance | Performance |
| 301 1100                   | Measure     | Target      |
| Air Conditioning / Heating | 5 wd        | >85%        |
| Auto Roller Door           | 5 wd        | >85%        |
| Carpentry                  | 5 wd        | >85%        |
| Electrical                 | 5 wd        | >95%        |
| External Lighting          | 5 wd        | >85%        |
| Fire Services              | 5 wd        | >95%        |
| Glazier – Cracked          | 5 wd        | >85%        |
| Glazier – Smashed          | 5 wd        | >95%        |
| Lift Repairs               | 5 wd        | >85%        |
| Locksmith Repairs          | 5 wd        | >85%        |
| Pest Control               | 5 wd        | >85%        |
| Plumbing                   | 5 wd        | >85%        |
| Plumbing Gas Leak          | 1 wd        | >95%        |
| Security Repairs           | 5 wd        | >95%        |
| Security System Failure    | 1 wd        | >95%        |
| Swimming Pool Plant Issue  | 5 wd        | >85%        |

Table 2.1.5 – Response standards for Council Buildings in working days (wd)

**Conservation Areas** 

| Service                                     | Performance<br>Measure | Performance<br>Target |
|---|------------------------|-----------------------|
| Blocked Pit / Pipe (sub-arterial)           | 1 wd                   | >85%                  |
| Blocked Pit / Pipe (collector)              | 3 wd                   | >85%                  |
| Blocked Pit / Pipe (local access)           | 5 wd                   | >85%                  |
| Flooding (sub-arterial)                     | 1 wd                   | >85%                  |
| Flooding (collector)                        | 3 wd                   | >85%                  |
| Flooding (local access)                     | 5 wd                   | >85%                  |
| Ground collapse / subsidence (sub-arterial) | 1 wd                   | >95%                  |
| Ground collapse / subsidence (collector)    | 1 wd                   | >95%                  |
| Ground collapse / subsidence (local access) | 2 wd                   | >95%                  |
| Missing / collapsed pit lid (sub-arterial)  | 1 wd                   | >95%                  |
| Missing / collapsed pit lid (collector)     | 1 wd                   | >95%                  |
| Missing / collapsed pit lid (local access)  | 2 wd                   | >95%                  |

Table 2.1.6 – Response standards for Stormwater assets in working days (wd)

#### Fencing & Bollards

| Service                        | Performance<br>Measure | Performance<br>Target |
|--------------------------------|------------------------|-----------------------|
| Bollard Damaged / Gate Damaged | 1 mth                  | >85%                  |
| Fence Damaged                  | 1 mth                  | >85%                  |
| New bollard – Open Space       | 3 mth                  | >85%                  |
| New bollard – Road Reserve     | 9 mth                  | >85%                  |

Table 2.1.7 – Response standards for Fencing & Bollards in months (mth)

#### Footpaths & Shared Paths

| Service                          | Performance | Performance |
|----------------------------------|-------------|-------------|
| Service                          | Measure     | Target      |
| Damaged Footpath (Low priority)  | 40 wd       | 100%        |
| Damaged Footpath (Med priority)  | 20 wd       | 100%        |
| Damaged Footpath (High priority) | 5 wd        | 100%        |

Table 2.1.8 – Response standards for Footpaths / Shared Paths in working days (wd)

# Garden Drain / Swale / Wetland

| Service                          | Performance | Performance |
|----------------------------------|-------------|-------------|
|                                  | Measure     | Target      |
| Dredging of Wetlands             | 1 mth       | >85%        |
| Litter Removal                   | 3 wd        | >85%        |
| Re-planting of Native Vegetation | 1 mth       | >85%        |
| Vegetation Overgrown             | 5 wd        | >85%        |
| Weed Spraying                    | 5 wd        | >85%        |

Table 2.1.9 - Response standards for Garden Drains / Swales / Wetlands in working days (wd)

GraffitiServicePerformance<br/>MeasureGraffiti Removal Non-Offensive5 wd5 wd>85%Graffiti Removal Offensive2 wd2 wd>95%Graffiti Removal on Private Property3 mth

Table 2.1.10 – Response standards for Graffiti in working days (wd) / months (mth)

#### Kerb & Channel

| Service       | Performance | Performance |
|---------------|-------------|-------------|
| Service       | Measure     | Target      |
| Damaged K&C   | 20 wd       | >85%        |
| Holding Water | 5 wd        | >85%        |

Table 2.1.11 - Response standards for Kerb & Channel in working days (wd)

#### Parks & Reserves

| Service                           | Performance | Performance |
|-----------------------------------|-------------|-------------|
| Service                           | Measure     | Target      |
| Bobcat Works                      | 5 wd        | >85%        |
| Bush / Shrub Pruning              | 1 mth       | >85%        |
| Gate Opening / Closing            | 1 wd        | >85%        |
| Grass Cutting                     | 5 wd        | >85%        |
| Irrigation Repairs                | 5 wd        | >85%        |
| Lighting Repairs                  | 5 wd        | >85%        |
| Litter Removal                    | 3 wd        | >85%        |
| Mulching                          | 1 mth       | >85%        |
| Pest Control                      | 10 wd       | >85%        |
| Snake Sighting Report             | 1 wd        | >85%        |
| Water / Drinking Fountain Repairs | 5 wd        | >85%        |
| Water Meter Repairs               | 5 wd        | >85%        |
| Weed Removal                      | 5 wd        | >85%        |

Table 2.1.12 - Response standards for Parks & Reserves in working days (wd) / months (mth)

| Playgrounds                     |             |             |
|---------------------------------|-------------|-------------|
| Service                         | Performance | Performance |
| Service                         | Measure     | Target      |
| Damaged / Broken Play Equipment | 1 wd        | >85%        |
| Playground Equipment Repairs    | 5 wd        | >85%        |
| Soft fall Clean Up              | 1 wd        | >85%        |
| Soft fall Top Up                | 5 wd        | >85%        |

Table 2.1.13 – Response standards for Playgrounds in working days (wd)

#### Roads

| Service   | Performance | Performance |
|---|-------------|-------------|
|   | Measure     | Target      |
| Cracks Sealing                                  | 5 wd        | >85%        |
| Edge Drop to Unsealed Shoulder                  | 10 wd       | >85%        |
| Grading / Deformations                          | 10 wd       | >85%        |
| Guideposts Missing / Damaged                    | 1 mth       | >85%        |
| Line Marking Missing / illegible (sub-arterial) | 10 wd       | 100%        |
| Line Marking Missing / illegible (collector)    | 10 wd       | 100%        |
| Line Marking Missing / illegible (local access) | 15 wd       | 100%        |
| Material Blocking Traffic Lane (sub-arterial)   | 1 wd        | 100%        |
| Material Blocking Traffic Lane (collector)      | 1 wd        | 100%        |
| Material Blocking Traffic Lane (local access)   | 5 wd        | 100%        |
| Oil Spills (sub-arterial)                       | 1 wd        | 100%        |
| Oil Spills (collector)                          | 3 wd        | 100%        |
| Oil Spills (local access)                       | 5 wd        | 100%        |
| Ponding of Water (sub-arterial)                 | 1 wd        | 100%        |
| Ponding of Water (collector)                    | 1 wd        | 100%        |
| Ponding of Water (local access)                 | 5 wd        | 100%        |
| Pothole (sub-arterial)                          | 5 wd        | 100%        |
| Pothole (collector)                             | 5 wd        | 100%        |
| Pothole (local access)                          | 10 wd       | 100%        |

Table 2.1.14 – Response standards for Roads in working days (wd) / months (mth)

| Signs                             |                        |                       |
|-----------------------------------|------------------------|-----------------------|
| Service                           | Performance<br>Measure | Performance<br>Target |
| Damaged / Missing – Advisory Sign | 5 wd                   | >85%                  |
| Damaged / Missing – Street Sign   | 5 wd                   | >85%                  |
| Damaged / Missing – Traffic Sign  | 5 wd                   | >85%                  |
| New Advisory Sign Requests        | 1 mth                  | >85%                  |

Table 2.1.15 – Response standards for Signs in working days (wd) / months (mth)

| Sportsground                   |                        |                       |
|--------------------------------|------------------------|-----------------------|
| Service                        | Performance<br>Measure | Performance<br>Target |
| Grass Cutting                  | 5 wd                   | >85%                  |
| Soil Top Up in Sportsgrounds   | 5 wd                   | >85%                  |
| Sportsground Synthetic Repairs | 2 wd                   | >85%                  |

Table 2.1.16 - Response standards for Sportsgrounds in working days (wd)

| Street Furniture         |                        |                       |
|--------------------------|------------------------|-----------------------|
| Service                  | Performance<br>Measure | Performance<br>Target |
| Street Furniture Repairs | 1 wd                   | >85%                  |

Table 2.1.17 – Response standards for Street Furniture in working days (wd)

#### Street Lighting

| Service                         | Performance | Performance |
|---------------------------------|-------------|-------------|
| Service                         | Measure     | Target      |
| Decorative Light Bulb Replace   | 5 wd        | >85%        |
| Street Light Request – New      | 1 mth       | >85%        |
| Street Light Request – Relocate | 1 mth       | >85%        |
|                                 |             |             |

Table 2.1.18 - Response standards for Street Lighting in working days (wd) / months (mth)

| Street Sweeping          |             |             |
|--------------------------|-------------|-------------|
| Service                  | Performance | Performance |
| Service                  | Measure     | Target      |
| Cleaning Litter / Debris | 3 wd        | >85%        |

Table 2.1.19 – Response standards for Street Lighting in working days (wd)

| Performance | Performance |
|-------------|-------------|
| Measure     | Target      |
| 1 wd        | >85%        |
|             | Measure     |

Table 2.1.20 – Response standards for Traffic Lights in working days (wd)

#### Traffic Transport Investigations

| Service                           | Performance<br>Measure | Performance<br>Target |
|-----------------------------------|------------------------|-----------------------|
| New Bus Stop / Shelter            | 9 mth                  | >85%                  |
| New Footpath / Pram Crossing      | 9 mth                  | >85%                  |
| New Guard Rail / Post / Barrier   | 9 mth                  | >85%                  |
| New Line / Road Marking           | 9 mth                  | >85%                  |
| New Parking / Disabled Bays       | 9 mth                  | >85%                  |
| New Pedestrian Fencing            | 9 mth                  | >85%                  |
| New Road Traffic Sign             | 9 mth                  | >85%                  |
| New School Crossing               | 9 mth                  | >85%                  |
| New Traffic Signals               | 9 mth                  | >85%                  |
| New Traffic Calming & Road Safety | 9 mth                  | >85%                  |

Table 2.1.21 – Response standards for Traffic / Transport Investigation in months (mth)

Trees

| Service                               | Performance | Performance |
|---------------------------------------|-------------|-------------|
| 5011000                               | Measure     | Target      |
| Branch clearance uplift               | 5 wd        | >95%        |
| Branch clearance wire                 | 1 wd        | >85%        |
| Branch pickup – nature strip          | 5 wd        | >85%        |
| Branch pickup – blocking access       | 1 wd        | >95%        |
| Dead / dying tree                     | 5 wd        | >95%        |
| Fallen / split tree – nature strip    | 10 wd       | >85%        |
| Fallen / split tree – blocking access | 1 wd        | >95%        |
| Overhanging branches (private)        | 1 mth       | >85%        |
| Planting tree (new)                   | 1 mth       | >85%        |
| Root damage                           | 5 wd        | >85%        |
| Stump removal                         | 5 wd        | >85%        |

Table 2.1.122 – Response standards for Trees in working days (wd) / months (mth)

# 2.2. Planned Inspection & Maintenance

Planned inspection and maintenance refers to routine maintenance carried out to ensure that the asset continues to be in good condition and prevent the asset from failing unexpectedly.

An appropriate response could include inspection, provision of warning signs, safety control action, remedial repairs, or permanent repairs.

The performance is measured against the frequency of planned inspection. These are provided in the following tables.

#### 2.2.1. Roads & Footpaths

#### **Road Pavement**

| Road Assets        | Maximum Inspection<br>Interval |  |
|--------------------|--------------------------------|--|
| Sub-arterial Roads | 6 months                       |  |
| Collector Roads    | 6 months                       |  |
| Local Access Roads | 1 year                         |  |

#### Bridges and Major Culverts

| Bridges / Major Culverts | Maximum Inspection<br>Interval       |  |
|--------------------------|--------------------------------------|--|
| Level 1                  | 2 years                              |  |
| Level 2                  | 3 years                              |  |
| Level 3                  | As identified by Level 2 inspections |  |

#### **Footpaths and Shared Paths**

| Footpath Hierarchy  | Maximum Inspection<br>Interval |
|---------------------|--------------------------------|
| High Activity (H)   | 6 months                       |
| Medium Activity (M) | 2 years                        |
| Low Activity (L)    | 3 years                        |
| Open Spaces (M)     | 3 years                        |

# 2.2.2. Open Spaces

# **Conservation Areas**

| Conservation Areas | Maximum Inspection<br>Interval |
|--------------------|--------------------------------|
| Grasslands         | 3 months (seasonal)            |
| Escarpments        | 3 months (seasonal)            |
| Rocky Outcrops     | 3 months (seasonal)            |
| Revegetation       | 3 months (seasonal)            |
|                    |                                |

# Playgrounds

| Playground & Equipment | Maximum Inspection<br>Interval |
|------------------------|--------------------------------|
| Flagship Parks         | 2 times weekly                 |
| Suburban Parks         | Fortnightly                    |
| Neighbourhood Parks    | 2 months                       |
| Local Parks            | 2 months                       |
| Children Centres       | 2 months                       |

# Passive Open Spaces

| Parks & Reserves    | Maximum Inspection<br>Interval |
|---------------------|--------------------------------|
| Flagship Park       | 2 times weekly                 |
| Suburban Parks      | fortnightly                    |
| Neighbourhood Parks | 1 month                        |
| Local Parks         | 1 month                        |
| Heritage Parks      | 3 times weekly                 |
| Undeveloped Land    | 5 weekly                       |
|                     |                                |

# Skate Park

| Parks & Reserves | Maximum Inspection<br>Interval |
|------------------|--------------------------------|
| Skate Park       | 1 month                        |

# 2.2.3. Facilities

| Facility Component              | Maximum Inspection |
|---------------------------------|--------------------|
| Carpentry                       | 12 months          |
| Carpets                         | 12 months          |
| Curtains & Blinds               | 12 months          |
| Doors                           | 12 months          |
| Electrical                      | 12 months          |
| Essential Safety Measures (ESM) | 12 months          |
| Painting                        | 12 months          |
| Paving & Concreting             | 12 months          |
| Plumbing                        | 12 months          |
| Pumps                           | 12 months          |
| Roof Access                     | 12 months          |
| Roof Clean Downs                | 12 months          |
| Shelter & Shade Structures      | 12 months          |
| Steel Fabrication               | 12 months          |

# 2.2.4. Stormwater

#### **Stormwater Assets**

| Stormwater Assets   | Maximum Inspection<br>Interval |
|---------------------|--------------------------------|
| Litter Basket Pits  | 5 weeks                        |
| GPT                 | 3 months                       |
| Swales / Bio-Swales | 3 months                       |
| Tree Pits           | 3 months                       |
| Raingardens         | 3 months                       |

# 2.3. Condition Inspection

Council's asset condition inspection objective is to:

- Identify those assets which are in a condition that is below the acceptable level or approaching such a level.
- Predict when asset failure to deliver the agreed level of service is likely to occur.
- Determine what corrective action is required and when it will be required.; and
- Inform Council's 10 Year Capital Works Program.

Frequency of condition assessment

| Maximum Inspection<br>Interval |
|--------------------------------|
| 3 years                        |
| 3 years                        |
| 3 years                        |
| Rolling Annual Program         |
|                                |

# 2.4. Performance Monitoring

This following section of the Asset Plan describes how Council assesses the performance of its assets.

# 2.4.1. Roads & Footpaths

Council's road and footpath condition assessment techniques have been developed to give repeatable and objective assessments, and aim to achieve the following strategic goal:

- Ensure community satisfaction with the condition and amenity of the asset; and
- Keep the number of distress parameters within a specified threshold target range, at minimum whole of life cost.

| Condition<br>Grade | Description  | Useful Remaining<br>Life Factor | Action   |
|--------------------|--|---------------------------------|--|
| 0                  | Asset removed or no longer exists.                               | 0                               | No action required.                              |
| 1                  | Excellent. Asset is as new.                                      | ≥0.90                           | Planned maintenance required                     |
| 2                  | Good. Asset is functional and displays superficial defects only. | 0.60 < 0.90                     | Minor maintenance required.                      |
| 3                  | Fair. Asset is functional but shows signs of wear and tear.      | 0.30 < 0.60                     | Significant maintenance required.                |
| 4                  | Poor. Asset has significant defects affecting major components.  | 0.10 < 0.30                     | Significant renewal / rehabilitation required.   |
| 5                  | Failed. Asset is no longer functional.                           | <0.10                           | Asset requires to be decommissioned or replaced. |

**Road Condition** 

# **Footpath Condition**

| Condition<br>Grade | Description   | Useful Remaining<br>Life Factor | Action   |
|--------------------|---|---------------------------------|--|
| 0                  | Asset removed or no longer exists.                                  | 0                               | No action required.                              |
| 1                  | Excellent. Asset is as new.   | ≥0.90                           | Planned maintenance required                     |
| 2                  | Good. Asset is functional and displays<br>superficial defects only. | 0.60 < 0.90                     | Minor maintenance required.                      |
| 3                  | Fair. Asset is functional but shows signs of wear and tear.         | 0.30 < 0.60                     | Significant maintenance required.                |
| 4                  | Poor. Asset has significant defects affecting major components.     | 0.10 < 0.30                     | Significant renewal / rehabilitation required.   |
| 5                  | Failed. Asset is no longer functional.                              | <0.10                           | Asset requires to be decommissioned or replaced. |

# 2.4.2. Open Spaces

Council's open space condition assessment techniques have been developed to give repeatable and objectives assessments, and aim to achieve the following strategic goal:

- Ensure community satisfaction with the condition and amenity of the asset; and
- Keep the number of distress parameters within a specified threshold target range, at minimum whole of life cost.

# **Open Space Condition**

| Condition<br>Grade | Description  | Useful Remaining<br>Life Factor | Action   |
|--------------------|--|---------------------------------|--|
| 0                  | Asset removed or no longer exists.                               | 0                               | No action required.                              |
| 1                  | Excellent. Asset is as new.                                      | ≥0.90                           | Planned maintenance required                     |
| 2                  | Good. Asset is functional and displays superficial defects only. | 0.60 < 0.90                     | Minor maintenance required.                      |
| 3                  | Fair. Asset is functional but shows signs of wear and tear.      | 0.30 < 0.60                     | Significant maintenance required.                |
| 4                  | Poor. Asset has significant defects affecting major components.  | 0.10 < 0.30                     | Significant renewal / rehabilitation required.   |
| 5                  | Failed. Asset is no longer functional.                           | <0.10                           | Asset requires to be decommissioned or replaced. |

### Open Space Capacity / Utilisation

| Capacity<br>Grade | Description   |
|-------------------|---|
| 0                 | Asset removed or no longer exists.  |
| 1                 | Excellent. Usage corresponds well with design capacity and no operational problems experienced.           |
| 2                 | Good. Usage is within design capacity and occasional operational problems experienced.                    |
| 3                 | Fair. Usage is approaching design capacity and/or operational problems occur frequently.                  |
| 4                 | Poor. Usage exceeds or is well below design capacity and/or significant operational problems are evident. |
| 5                 | Failed. Exceeds design capacity or is little used and/or operational problems are serious and ongoing.    |

# **Open Space Functionality**

| Function<br>Grade | Description   |
|-------------------|---|
| 0                 | Asset removed or no longer exists.  |
| 1                 | Excellent. Meets service delivery needs in a fully efficient and effective manner.                      |
| 2                 | Good. Asset meets service delivery needs in an acceptable manner.                                       |
| 3                 | Fair. Asset meets most service delivery needs and some inefficiencies and ineffectiveness present.      |
| 4                 | Poor. Limited ability to meet service delivery needs.   |
| 5                 | Failed. Is critically deficient, does not meet service delivery and is neither efficient nor effective. |

# 2.4.3. Facilities

The following table provides guidance on how to assess the condition grades of building components. Rather than providing specific guidance on every component, the table provides high-level principles to follow.

# **Facility Condition**

|                                    | Condition<br>Grade 1   |   |  | Condition Grade 4  | Condition Grade 5  |
|------------------------------------|--|---|--|--|--|
|                                    | Excellent  | xcellent Good Fair Poor   |  | Poor   | Failed   |
| Useful<br>Remaining<br>Life Factor | >0.55  | <b>0.40</b> ≤ 0.55  | <b>0.25</b> ≤ 0.40   | 0.10 ≤ 0.25  | < 0.10   |
| Structure                          | Sound<br>structure   | Functionally<br>sound<br>structure  | ound foundation<br>ucture movement, minor<br>cracking significant cracking.  |  | Structure has serious<br>problems and concern is<br>held for the integrity of<br>the structure.  |
| External<br>Walls                  | Wall cladding<br>constructed<br>with sound<br>materials, true<br>to line and<br>level. No<br>evidence of<br>deterioration or<br>discoloration. | Showing<br>minor wear<br>and tear and<br>minor<br>deterioration<br>of surfaces.       | Appearance<br>affected by minor<br>cracking, staining<br>or minor leakage.<br>Indications of<br>breaches of<br>weatherproofing.<br>Minor damages to<br>coatings. | Wall cladding<br>damaged, weakened<br>or displaced.<br>Appearance affected<br>by cracking, staining,<br>overflows or<br>breakages. Breaches<br>of weatherproofing<br>evident. Coatings in<br>need of heavy<br>maintenance or<br>renewal. | Wall cladding is badly<br>damaged or weakened.<br>Appearance affected by<br>cracking, staining,<br>overflows, leakage or<br>wilful damage. Breaches<br>of waterproofing.<br>Coatings badly damaged<br>or non-existent. |
| Roof<br>Cladding                   | Roof cladding<br>constructed<br>with sound<br>materials, true<br>to line and<br>level. No<br>evidence of<br>deterioration or<br>discoloration. | Roof cladding<br>minor wear<br>and tear and<br>minor<br>deterioration<br>of surfaces. | Appearance<br>affected by minor<br>cracking, staining<br>or minor leakage.<br>Indications of<br>breaches of<br>weatherproofing.<br>Minor damages to<br>coatings. | Roof cladding<br>damaged, weakened<br>or displaced.<br>Appearance affected<br>by cracking, staining,<br>overflows or<br>breakages. Breaches<br>of weatherproofing<br>evident. Coatings in<br>need of heavy<br>maintenance or<br>renewal. | Roof cladding is badly<br>damaged or weakened.<br>Appearance affected by<br>cracking, staining,<br>overflows, leakage or<br>wilful damage. Breaches<br>of waterproofing.<br>Coatings badly damaged<br>or non-existent. |
| Internal                           | Fabric<br>constructed<br>with sound<br>materials, true<br>to line and<br>level. No<br>evidence of<br>deterioration or<br>discoloration.        | Showing<br>minor wear<br>and tear and<br>minor<br>deterioration<br>of surfaces.       | Appearance<br>affected by minor<br>cracking, staining<br>or minor leakage.<br>Indications of<br>breaches of<br>weatherproofing.<br>Minor damages to<br>coatings. | Fabric damaged,<br>weakened or<br>displaced. Appearance<br>affected by cracking,<br>staining, overflows or<br>breakages. Breaches<br>of weatherproofing<br>evident. Coatings in<br>need of heavy<br>maintenance or<br>renewal.           | Fabric is badly damaged<br>or weakened.<br>Appearance affected by<br>cracking, staining,<br>overflows, leakage or<br>wilful damage. Breaches<br>of waterproofing.<br>Coatings badly damaged<br>or non-existent.        |
| Services                           | All components<br>operable and<br>well maintained  | All<br>components<br>operable.  | Occasional<br>outages,<br>breakdowns or<br>blockages.<br>Increased<br>maintenance<br>required.   | Failures of plumbing,<br>electrical and<br>mechanical<br>components common<br>place.   | Plumbing, electrical and<br>mechanical components<br>are unsafe or<br>inoperable.  |
| Fittings                           | Well secured<br>and operational,<br>sound of<br>function and<br>appearance.  | Operational<br>and<br>functional,<br>minor wear<br>and tear.                          | Generally<br>operational. Minor<br>breakage.   | Fittings of poor quality<br>and appearance, often<br>inoperable and<br>damaged.  | Most are inoperable or damaged.  |

# Facility Capacity / Utilisation

| Capacity<br>Grade | Description   |
|-------------------|---|
| 0                 | Asset removed or no longer exists.  |
| 1                 | Excellent. Usage corresponds well with design capacity and no operational problems experienced.           |
| 2                 | Good. Usage is within design capacity and occasional operational problems experienced.                    |
| 3                 | Fair. Usage is approaching design capacity and/or operational problems occur frequently.                  |
| 4                 | Poor. Usage exceeds or is well below design capacity and/or significant operational problems are evident. |
| 5                 | Failed. Exceeds design capacity or is little used and/or operational problems are serious and ongoing.    |

#### Facility Functionality

#### Function Grade Description 0 Asset removed or no longer exists. Excellent. Meets program/service delivery needs in a fully efficient and effective manner. 1 2 Good. Asset meets program/service delivery needs in an acceptable manner. Fair. Asset meets most program/service delivery needs and some inefficiencies and 3 ineffectiveness present. 4 Poor. Limited ability to meet program/service delivery needs. Failed. Is critically deficient, does not meet program/service delivery and is neither efficient nor 5 effective.

#### 2.4.4. Stormwater

Council has currently in place a rolling programme for the data collection, verification, cleansing, and condition assessment of its stormwater assets. This programme has engaged the services of a suitably qualified and experienced Contractor for the provision of this work and based on the standards set out by the Conduit Inspection Reporting Code of Australia WSA05-2013 version 3.1. This programme is aimed at improving the quality, safety and capacity of Council's stormwater network and to help reduce the backlog of our aging drainage infrastructure.

The performance of stormwater assets is assessed based on:

- Structural condition;
- Service condition; and
- Capacity.

The structural grading thresholds are set out in based on the following table below:

### Stormwater Condition – Structural

| Structural<br>Grading | Description  | Response   |
|-----------------------|--|--|
| 1                     | Insignificant deterioration of<br>the stormwater drain has<br>occurred. Appears to be in<br>good condition.  | No immediate action required. Standard programmed condition assessment.  |
| 2                     | Minor deterioration of the<br>stormwater drain has<br>occurred. Minor defects are<br>present.  | No immediate action required. Standard programmed condition assessment.  |
| 3                     | Moderate deterioration of<br>the stormwater drain has<br>occurred. Developed defects<br>are present but not affecting<br>short term structural<br>integrity. | Monitor with programmed condition assessment for rehabilitation and/or renewal in medium term.   |
| 4                     | Serious deterioration of the<br>stormwater drain has<br>occurred. Significant defects<br>are present affecting<br>structural integrity.                      | Take immediate action as appropriate to defects e.g., temporary supports.<br>Immediately undertake risk assessment and further investigate as required.<br>As appropriate to outcomes of above, schedule appropriate action which may include rehabilitation and/or renewal in the short term. |
| 5                     | Failure of the stormwater drain has occurred or is imminent.   | Take immediate action as appropriate e.g., temporary support.<br>Immediately undertake risk assessment and further<br>investigation, and, as, take appropriate action which may include<br>immediate rehabilitation and/or renewal.  |

The service grading thresholds are set out in based on the following table below:

# Stormwater Condition – Service

| Service<br>Grading | Description   | Response   |
|--------------------|---|--|
| 0                  | N/a   | N/a  |
| 1                  | No or insignificant loss of<br>hydraulic performance has<br>occurred. Appears to be in good<br>condition. | No immediate action required. Standard programmed condition assessment.  |
| 2                  | Minor defects are present causing<br>minor loss of hydraulic<br>performance.                              | No immediate action required. Standard programmed condition assessment.  |
| 3                  | Developed defects are present<br>causing moderate loss of<br>hydraulic performance.                       | Monitor with programmed condition assessment for rehabilitation and/or renewal in medium term.   |
|                    |   | Take immediate action as appropriate to defects e.g., temporary supports.  |
| 4                  | Significant defects are present<br>causing serious loss of hydraulic<br>performance.                      | Immediately undertake risk assessment and further investigate as required.   |
|                    |   | As appropriate to outcomes of above, schedule appropriate action which may include rehabilitation and/or renewal in the short term.                          |
|                    |   | Take immediate action as appropriate e.g., temporary support.  |
| 5                  | Failure of the stormwater drain has occurred or is imminent.  | Immediately undertake risk assessment and further investigation, and, as, take appropriate action which may include immediate rehabilitation and/or renewal. |

The capacity grading thresholds are set out in based on the following table below:

# **Stormwater Capacity**

| Capacity<br>Grade | Description   |
|-------------------|---|
| 0                 | Asset removed / no longer exists.   |
| 1                 | Excellent. Usage corresponds well with design capacity and no operational problems experienced.           |
| 2                 | Good. Usage is within design capacity and occasional operational problems experienced.                    |
| 3                 | Fair. Usage is approaching design capacity and/or operational problems occur frequently.                  |
| 4                 | Poor. Usage exceeds or is well below design capacity and/or significant operational problems are evident. |
| 5                 | Failed. Exceeds design capacity or is little used and/or operational problems are serious and ongoing.    |

# Stormwater Consequence of Failure Rating

| Criteria       | Category                              | Point Rating |
|----------------|---------------------------------------|--------------|
| Land Use       | Heritage Registered Sites             | 20           |
|                | Central Business District             | 20           |
|                | Commercial / Industrial               | 10           |
|                | RGZ Residential                       | 8            |
|                | GRZ Residential                       | 4            |
|                | NRZ Residential                       | 2            |
|                | Open Spaces & Parks                   | 1            |
| Asset Location | Roads AADT >5,000                     | 20           |
|                | Roads AADT >1,000 to ≤5,000           | 10           |
|                | Roads AADT ≤1,000                     | 5            |
|                | Under Buildings                       | 20           |
|                | No Construction                       | 1            |
| Asset Type     | Pipe / Node >900mm diameter           | 30           |
|                | Pipe / Node >300mm to ≤900mm diameter | 15           |
|                | Pipe / Node ≤300mm                    | 5            |
|                | Sump                                  | 30           |
|                | Other                                 | 15           |

# Stormwater Criticality Risk

The Risk rating assessment is determined as Consequence Rating x Condition Rating.

| Risk Rating     | Description   |
|-----------------|---------------|
| Tacit Knowledge | Critical Risk |
| >180            | High Risk     |
| 80 to ≤180      | Moderate Risk |
| <80             | Low Risk      |

# 3. 10 Year Expenditure Forecast

This section of the Asset Plan provides financial details of asset expenditure over the next 10 years. The financial information provided is presented as a series of tables, each table representing one type of expenditure, namely:

- Asset Maintenance Expenditure.
- Asset Renewal Expenditure.
- New Asset Expenditure.
- Asset Upgrade and Expansion Expenditure.
- Asset Disposal.

In addition to this, an estimate of the Asset Sustainability Ratio is also provided under Section 3.6 of this Asset Plan.

#### 3.1. Asset Maintenance Expenditure

The following table provides an estimate of future expenditure for the maintenance of existing and future assets over a 10-year period.

Asset Maintenance Costs includes activities such as scheduled maintenance and reactive repairs when needed.

|                 | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | 2027-28    | 2028-29    | 2029-30    | 2030-31    | 2031-32    | 10 yr. average |
|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|
| Roads           | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916  | 2,436,916      |
| Footpaths       | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000  | 1,050,000      |
| Open Spaces     | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887 | 10,930,887     |
| Facilities      | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980  | 3,209,980      |
| Stormwater      | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979  | 1,408,979      |
| Total Available | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762 | 19,036,762     |

Table 3.1.1 – Estimated expenditure on Asset Maintenance over the next 10 years (\$, not-indexed).

# 3.2. Asset Renewal Expenditure

Capital renewal on an existing asset is intended to return the service potential or the life of the asset back to its original life. As it reinstates existing service potential, it has no impact on revenue, but may reduce future operating and maintenance expenditure if completed at the optimum time. Council undertakes annual renewal programs such as road re-sealing, road re-sheeting, footpath and playground renewal.

Assets for which the condition score is above the intervention level are considered for inclusion in the long-term capital renewal program.

Condition inspection programs are scheduled every 3 years for roads, footpaths, open spaces, and buildings. Stormwater inspection program is carried out as a rolling program on an annual basis, targeting high risk areas.

Works may also be identified from ad-hoc inspections and customer requests.

The following table provides an estimate of future expenditure for renewing existing assets over a 10-year period.

|                 | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | 2027-28    | 2028-29    | 2029-30    | 2030-31    | 2031-32    | 10 yr. average |
|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|
| Roads           | 21,622,765 | 20,906,517 | 20,812,584 | 20,650,407 | 21,225,000 | 21,225,000 | 21,225,000 | 21,225,000 | 21,225,000 | 21,225,000 | 21,134,227     |
| Footpaths       | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000  | 3,200,000      |
| Open Spaces     | 1,060,500  | 1,115,500  | 1,418,000  | 1,241,500  | 1,518,000  | 1,505,500  | 1,198,000  | 1,055,500  | 1,055,500  | 1,055,500  | 1,222,350      |
| Facilities      | 1,635,833  | 1,960,833  | 1,530,833  | 1,230,833  | 1,317,500  | 1,307,500  | 1,307,500  | 1,527,500  | 1,127,500  | 1,127,500  | 1,407,333      |
| Stormwater      | 375,000    | 100,000    | 100,000    | 100,000    | 100,000    | 100,000    | 100,000    | 100,000    | 100,000    | 100,000    | 127,500        |
| Total Available | 27,894,098 | 27,282,850 | 27,061,417 | 26,422,740 | 27,360,500 | 27,338,000 | 27,030,500 | 27,108,000 | 26,708,000 | 26,708,000 | 27,091,411     |

Table 3.2.1 - Estimated expenditure on Asset Renewal over the next 10 years (\$, not-indexed).

# 3.3. New Asset Expenditure

New assets are assets acquired to provide a new service to the community that did not exist previously.

New assets may be gifted, constructed, acquired, or purchased by Council in the following circumstances:

There may be an identified need to construct, acquire or purchase a new asset for municipal purposes. This need may be identified as part of a Study / Strategy / Policy / Master Plan / or Council Report that has been endorsed by Council resolution.

The following table provides an estimate of future expenditure for new assets over a 10-year period.

|                 | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | 2027-28   | 2028-29    | 2029-30    | 2030-31    | 2031-32    | 10 yr. average |
|-----------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|----------------|
| Roads           | 3,795,869  | 2,785,369  | 4,067,845  | 3,530,721  | 3,951,000  | 3,021,000 | 3,745,500  | 3,025,500  | 3,745,500  | 3,025,500  | 3,469,380      |
| Footpaths       | 2,915,000  | 2,415,000  | 1,935,000  | 1,195,000  | 1,285,000  | 835,000   | 1,085,000  | 1,085,000  | 385,000    | 385,000    | 1,352,000      |
| Open Spaces     | 7,938,750  | 6,846,250  | 3,073,750  | 3,830,250  | 5,973,750  | 2,571,250 | 4,433,750  | 2,556,250  | 2,256,250  | 2,256,250  | 4,173,650      |
| Facilities      | 4,285,000  | 3,120,000  | 1,557,500  | 5,502,500  | 2,312,500  | 3,060,000 | 6,950,000  | 11,845,000 | 6,415,000  | 5,115,000  | 5,016,250      |
| Stormwater      | 550,000    | 400,000    | 400,000    | 1,000,000  | 1,300,000  | 400,000   | 400,000    | 400,000    | 400,000    | 400,000    | 565,000        |
| Total Available | 19,484,619 | 15,566,619 | 11,034,095 | 15,058,471 | 14,822,250 | 9,887,250 | 16,614,250 | 18,911,750 | 13,201,750 | 11,181,750 | 14,576,280     |

Table 3.3.1 – Estimated expenditure on New Assets over the next 10 years (\$, not-indexed).

# 3.4. Asset Upgrade & Expansion Expenditure

Asset Upgrade and Asset Expansion is when an existing asset, one that is already in service, is physically enhanced in a way that can increase its capacity to provide that service. Examples include increasing the size of an underground stormwater pipe to account for an increase in rainfall, or building an extension on an existing sports pavilion.

For the purpose of this Asset Plan, existing assets that are upgraded and/or expanded, are recognised as a financial expenditure for Council. The financial expenditure in this instance is the estimated capital cost to undertake the works as planned.

The following table provides an estimate of future expenditure for the upgrade and expansion of existing assets over a 10-year period.

|                 | 2022-23   | 2023-24   | 2024-25    | 2025-26   | 2026-27    | 2027-28    | 2028-29   | 2029-30   | 2030-31   | 2031-32    | 10 yr. average |
|-----------------|-----------|-----------|------------|-----------|------------|------------|-----------|-----------|-----------|------------|----------------|
| Roads           | 2,700,053 | 2,766,803 | 2,978,017  | 2,766,081 | 3,024,000  | 2,834,000  | 2,914,500 | 2,834,500 | 2,914,500 | 2,834,500  | 2,856,695      |
| Footpaths       | 145,000   | 145,000   | 145,000    | 145,000   | 145,000    | 145,000    | 145,000   | 145,000   | 145,000   | 145,000    | 145,000        |
| Open Spaces     | 1,715,750 | 1,348,250 | 1,728,250  | 1,493,250 | 2,203,250  | 1,758,250  | 1,663,250 | 1,233,250 | 1,133,250 | 1,133,250  | 1,541,000      |
| Facilities      | 2,949,167 | 4,839,167 | 6,461,667  | 2,341,667 | 5,290,000  | 10,987,500 | 2,947,500 | 3,262,500 | 4,612,500 | 9,512,500  | 5,320,417      |
| Stormwater      | 450,000   | 450,000   | 450,000    | 450,000   | 450,000    | 450,000    | 450,000   | 450,000   | 450,000   | 450,000    | 450,000        |
| Total Available | 7,959,970 | 9,549,220 | 11,762,933 | 7,195,998 | 11,112,250 | 16,174,750 | 8,120,250 | 7,925,250 | 9,255,250 | 14,075,250 | 10,313,112     |

Table 3.4.1 – Estimated expenditure on Asset Upgrade and Expansion over the next 10 years (\$, not-indexed).

# 3.5. Asset Disposal

Asset Disposal, sometimes referred to asset decommission, is a process whereby a Council may divest itself of a public asset in an authorised manner as directed by an adopted Council policy. Asset Disposal could result in a public asset being removed from service such as a road discontinuance; or in the case of surplus Council land, sold in an open market as per Council's Sale of Surplus Land Policy 2019.

For the purpose of this Asset Plan, assets that are disposed of are recognised, in accounting terms, as a financial income (surplus) for Council. Value thresholds have also been established for all asset classes as per Council's Asset Capitalisation Policy 2017. This is to distinguish between those expenditures that are capitalised, and those to that are treated as regular maintenance.

The following table provides a forecast of future incomes received for the disposal of public assets over a 10-year period.

|                 | 2022-23 | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 | 2031-32 | 10 yr. average |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------|
| Roads           | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0              |
| Footpaths       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0              |
| Open Spaces     | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0              |
| Facilities      | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0              |
| Stormwater      | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0              |
| Total Available | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0              |

Table 3.5.1 – Estimated income from Asset Disposal over the next 10 years (\$, not-indexed).

As Table 3.5.1 above illustrates, at the time of preparing this 10 Year Asset Plan, Council has made no binding commitment to dispose of any public asset over the next 10-year period.

# 3.6. Asset Sustainability Ratio

The following table provides an estimate of Council's annual Asset Sustainability Ratio over a 10-year period.

The Asset Sustainability Ratio is a measure of the financial sustainability of public assets. The focus of this measure is to ensure that sufficient funding is available to maintain existing assets.

This is a simple ratio between "Total Funding Required" and "Total Funding Available" for existing assets only.

When the "Total Funding Available" and "Total Funding Required" are equal in value, the Asset Sustainability Ratio is 1.00, or 100%. This means that public assets are being replaced as they reach the end of their service life.

The ideal Asset Sustainability Ratio range should be between 0.95 and 1.05. Less than 0.95 and the assets will deteriorate over time. Anything above 1.05 means that the quality of the assets improve over time.

Council's approach should be to achieve an Asset Sustainability Ratio between 0.95 and 1.05 within the 10 year period of this first Asset Plan, and maintain it at that level thereafter.

|                            | 2022-23     | 2023-24     | 2024-25     | 2025-26     | 2026-27     | 2027-28     | 2028-29     | 2029-30     | 2030-31     | 2031-32     | 10 yr. average |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|
| Roads                      | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000  | 19,995,000     |
| Footpaths                  | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000   | 4,560,000      |
| Open Spaces                | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000   | 3,548,000      |
| Facilities                 | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000   | 4,704,000      |
| Stormwater                 | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000   | 5,736,000      |
| Total Funding Required     | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000  | 38,543,000     |
|                            |             |             |             |             |             |             |             |             |             |             |                |
| Total Funding Available    | 27,894,098  | 27,282,850  | 27,061,417  | 26,422,740  | 27,360,500  | 27,338,000  | 27,030,500  | 27,108,000  | 26,708,000  | 26,708,000  | 27,091,411     |
|                            |             |             |             |             |             |             |             |             |             |             |                |
| Surplus/Deficit            | -10,648,902 | -11,260,150 | -11,481,583 | -12,120,260 | -11,182,500 | -11,205,000 | -11,512,500 | -11,435,000 | -11,835,000 | -11,835,000 | -11,451,590    |
| Asset Sustainability Ratio | 0.72        | 0.71        | 0.70        | 0.69        | 0.71        | 0.71        | 0.70        | 0.70        | 0.69        | 0.69        | 0.70           |

Table 3.6.1 – Estimated Asset Sustainability Ratio over the next 10 years (\$, not-indexed).

# 4. Plan Improvement and Monitoring

This section outlines how Council will measure the performance and effectiveness of this Asset Plan over time.

# 4.1. Asset Plan Review

This Asset Plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.

This Asset Plan is to be revised every year. The revision aims to ensure that this Asset Plan continues to reflect and respond to changing community priorities, emerging trends, and new developments in asset management.

Monitoring of this Asset Plan is required to ensure compliance with:

- The improvement plan and timelines.
- Compliance with the Local Government Act 2020.
- Community Engagement Policy 2019.

#### 4.2. Consultation

In any review associated with this Asset Plan, consultation will be undertaken as follows:

- Internally by Council's Asset Management Steering Committee; and
- Externally as per Council's Community Engagement Policy 2021.

# 4.3. Performance Measures

The effectiveness of this Asset Plan will be measured and monitored on the basis of annual strategic Council indicators as follows:

- The performance of Council against the Levels of Service documented in this Asset Plan (Section 2). Comparing the 'performance measure' against the 'performance target'.
- The degree to which the required cash flows (Section 3.1 to 3.5) identified in this Asset Plan are incorporated into Council's Long Term Financial Plan, and Capital Works Program.
- Performance in achieving an Asset Sustainability Ratio Target is between 0.95 and 1.05 within the 10 year period of this first Asset Plan (Section 3.6).
- The level of execution of the identified improvement action plan in this Asset Plan (Section 4.4). In most instances, the level of execution will be measured in changes to the relevant policies, strategies, plans, and guideline documents that Council may have in place, as they relate to each of the improvement actions.

The timelines identified represent an initial target to measure the level of execution by June 2023 for each improvement action. However, this Asset Plan notes that the true success of some improvement actions can take longer to be realised in real terms, and others remain a continual challenge. As such, this Asset Plan intends to measure and report the performance of each improvement action on an ongoing basis after the initial target, and continue to do so until it the improvement action is fully realised.

#### 4.4. Improvement Action Plan

The following identifies a list of improvement actions identified by the Asset Plan Community Working Group (CWG) during the deliberate engagement process in November and December 2021.

The improvement action plan is presented in four (4) major themes, namely:

- **Renew before New** | Making the most from existing assets.
- Deeper Consultation & Engagement | Better infrastructure decisions are made when the community is involved.
- Embrace Technology & Innovation | Find alternate service delivery models. Improve infrastructure services through technology.
- Build Better | Build new infrastructure that is smarter, better, and only when an identified need exists.

| Task | Improvement Action  | Theme                               | Responsible<br>Department                | Timeline <sup>1</sup>  |
|------|---|-------------------------------------|--|------------------------|
| 1    | Continue to investigate and implement ways to improve safety, both perceived and real, in public parks through the implementation of Council's Creating Better Parks – Open Space and Playground Policy and Plan. | Embrace Technology &<br>Innovation  | Urban Design                             | June 2023 &<br>ongoing |
| 2    | Improve the quality, materials, and design standards for new assets, renewed assets, and in the re-instatement of public works.   | Embrace Technology &<br>Innovation  | Asset & Property<br>Services             | June 2023 &<br>ongoing |
| 3    | Better use of technology and innovation to prevent, or at least reduce, the need for reactive maintenance.  | Embrace Technology &<br>Innovation  | Asset & Property<br>Services             | June 2023 &<br>ongoing |
| 4    | Continue to ensure that all community members have equitable access to quality parks through the implementation of Council's Creating Better Parks – Open Space and Playground Policy and Plan.                   | Build Better                        | Urban Design                             | June 2023 &<br>ongoing |
| 5    | Further considerations to be given to products / technologies / materials used in public infrastructure that are more durable, and more environmentally sustainable.  | Embrace Technology &<br>Innovation  | Asset & Property<br>Services             | June 2023 &<br>ongoing |
| 6    | Council to link with volunteers / community groups / working bees to carry out improvement works in their local parks & reserves.   | Deeper Consultation &<br>Engagement | Park Services / Environment              | June 2023              |
| 7    | Establish a CWG as part of ongoing deliberate community consultation practices, and as a way to ensure the successful implementation of this Asset Plan.  | Deeper Consultation &<br>Engagement | Communications &<br>Community Engagement | June 2023              |
| 8    | Find ways to improve the quality, safety, and appearance of 'existing infrastructure' first before committing to building 'new infrastructure'.   | Renew before New                    | Asset & Property<br>Services             | June 2023 &<br>ongoing |
| 9    | Design public venues and facilities to accommodate multiple uses / purposes.  | Build Better                        | Leisure & Community<br>Facilities        | June 2023 &<br>ongoing |

Table 4.4.1 – Improvement Action Plan

<sup>&</sup>lt;sup>1</sup> The timelines identified represent an initial target to measure the level of execution by June 2023 for each improvement action. However, this Asset Plan notes that the true success of some improvement actions can take longer to be realised in real terms, and others remain a continual challenge. As such, this Asset Plan intends to measure and report the performance of each improvement action on an ongoing basis after the initial target, and continue to do so until it the improvement action is fully realised.



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