

**MINUTES OF THE ASC210601 - ASSET AND SUSTAINABILITY COMMITTEE MEETING**

**Tuesday, 01 June 2021 at 06:30 PM**

**Council Administration Centre, 245 Sturt Road, Sturt**



## **PRESENT**

Councillors Matthew Shilling, Bruce Hull, Nathan Prior, Ian Crossland

## **IN ATTENDANCE**

Tony Harrison – Chief Executive Officer  
Tony Lines – General Manager City Services  
Sorana Dinmore – General Manager Corporate Services  
Mat Allen – Manager Engineering, Assets and Environment  
Carl Lundborg – Unit Manager Engineering  
Catrin Johnson – Asset Strategy Officer  
Michael Bennet – Asset Management Officer  
Angela Porter – Governance Administration Officer

## **OPEN MEETING**

The Chair opened the meeting at 6.31pm.

## **KAURNA ACKNOWLEDGEMENT**

We acknowledge the Kaurna people, the traditional custodians of this land and pay our respects to their elders past and present.

## **ELECTED MEMBER'S DECLARATION (if any)**

The Chair asked if any Member wished to disclose an interest in relation to any item being considered at the meeting.

Councillor Prior declared a perceived conflict of interest in the item *Asset Management Update ASC210601R03*.

## **CONFIRMATION OF MINUTES**

**Confirmation of the minutes for the Asset and Sustainability Committee Meeting held on 6 April 2021**

**Report Reference:** ASC210601R01

**Moved Councillor - Nathan Prior**

**Seconded Councillor - Ian Crossland**

That the minutes of the Asset and Sustainability Committee Meeting held on 6 April 2021 be taken as read and confirmed.

**Carried Unanimously**

## **BUSINESS ARISING**

Review of the Business Arising from previous meetings of the Asset and Sustainability Committee.

**Business Arising Statement - Action Items**

**Report Reference:** ASC210601R02

Mr Lines delivered a presentation regarding the year to date achievements of the committee. The following discussion points were noted:

### **Presentation from DIT**

- Nil discussion.

### **Draft Transport Plan**

- It was noted that there are potential issues with the proposed access/egress points for the South Road North South Corridor tunnel and that the progress will be monitored.

### **Tree management**

- This item is scheduled to come back to Council on 8 June 2021. The guidelines and marketing strategy will be included and the Mayor has provided some comments which will be incorporated.
- Ready to go out for tender for the purchase of new tankers and a new role will be advertised when the budget has passed.

The proposed new water tankers should be compatible to assist with emergency response in the case of fire. Administration to investigate this further.

**Action: An update will be provided to Members regarding the Aleppo Pines within the next month.**

### **SRWRA Progress update Mark Booth**

- The committee noted that there has recently been another MRF fire and that funds have been spent to ensure the new SRWRA facility is well equipped to prevent this from occurring.

### **Residential Hard Waste and Dumped Rubbish Services**

- Phase 2 of the Salesforce roll out is scheduled for December 2021 which will include the hard waste module but the go-live date has not been confirmed. An automated system can send SMS reminders to cover the 1% who forget to put hard waste out for collection.
- WHS statistics were not included in the Council report, however, this was addressed at the Council meeting of 25 May 2021. It was advised that year to date there have been 8 LTI reports with only 1 of those being in the hard waste team. The incident took place when exiting the truck and was not due to manual handling and the committee has been assured this is minimal risk.
- A question taken on notice at the General Council meeting on 25 May 2021 was addressed regarding waste over the allowed 1 cubic metre that is left behind at collection. Data collected between September and November shows that 3% of all collections were over 1 cubic metre resulting in some being left behind. Of those, just over half had 1 cubic metre available for booking. The hard waste team will be phoning the office to check if additional hard waste can be taken going forward.

**Action: Staff to follow up why the cost and effectiveness of skip bins placed in Housing SA areas was missed from the Council report.**

### **Waste and Recycling Update**

- Nil discussion.

The Committee also discussed the potential to hold a 10-20 minute discussion at the end of the meeting to collectively discuss upcoming items for future meetings to prevent duplicated work of committee members. Members agreed they would prefer a separate meeting and discussed the potential to call a Special meeting in August. The Chair reminded Members that the schedule of meetings was already agreed to.

**Moved Councillor – Ian Crossland**

**Seconded Councillor – Bruce Hull**

That the Asset and Sustainability Committee:

1. Notes the business arising statement, meeting schedule and upcoming items.

**Carried Unanimously**

**CONFIDENTIAL ITEMS - Nil**

**REPORTS FOR DISCUSSION - Nil**

**REPORTS FOR NOTING - Nil**

**WORKSHOP / PRESENTATION ITEMS**

Councillor Prior declared a perceived conflict of interest in the item *Asset Management Update ASC210601R03*.

**Asset Management Update**

**Report Reference:** ASC210601R03

Mr Allen and Ms Johnson delivered a presentation on Asset Management. The presentation included a video introducing the team and the following discussion points were noted:

- The City of Marion has over 90,000 assets with a total value over 1 billion.
- Benefits of asset management include accountability, good decision making, enhancing the customer experience and reducing the need for customers to contact us, effective risk management, improved financial efficiency and sustainability (over/under servicing)
- The four pillars of Asset Management are skilled people, improved processes, accurate data, intelligent systems

**Asset Management Information System**

- Process mapping has been completed with over 200 processes captured. This will help prevent a 'single point of failure'.
- The preferred supplier has been selected for new asset information system. The cloud-based system, which staff can access and update in the field, will integrate with the other new systems including Salesforce and the GIS mapping system which also integrates with Forestry.
- Each asset will have a unique asset ID and accurately spatially mapped.
- Renewal projects will be identified through asset management plans with the new system providing some certainty around this. A review will be undertaken with the scope to be determined.
- Current manual spreadsheets will eventually be superseded by the new asset information system. Training will be provided to ensure all staff understand how to use the new systems and how this can add value to their jobs through automation, etc. The new system provides more accountability, a single point of truth, well maintained data sets and improved processes.

**Asset Management life cycle**

- Impact of climate change on assets and useful life
- Some gaps in the monitoring of the asset management lifecycle have been identified through a recent KPMG audit which will now become a focus for the team.
- Operation, maintenance and monitoring have been separated in the modelling allowing for more

accurate useful life data. It was noted that the current modelling includes projects that have not been endorsed by Council and grant funded projects such as the Coastal Walkway.

- Improved utilization assessment will help to determine disposal of assets. E.g. to prevent unused bus shelters from being replaced. The current threshold for provision/replacement of a bus shelter is 7 users per day which is lower than most other councils. It was noted that bus shelters are also used by pedestrians to shelter from inclement weather.
- Collection of more comprehensive data around open space management will enable a 'what if' analysis to identify potential reductions in operating expenditure.
- The lifecycle cost of an asset (maintenance, renewal, etc) should form part of the recommendations to Council with an additional option for 'disposal' of assets. A cost benefit analysis can be incorporated into future reports with consultation with Members to remove rather than maintain/replace assets.
- An Asset Management Maturity Assessment was completed in March this year with 96% of the core assessment areas achieved.
- 8 Asset Management Plans (AMPs) have been endorsed by Council. They will be internally reviewed annually with a comprehensive review and endorsement from Council every four years. The AMPs ensure clean data, a single point of truth, documented processes, informed decision making, improved knowledge and reduced risk (quality). The AMPs provide a holistic view across the asset base.
- Total funding forecast across the 8 AMPs over the next 10 years (fully funded) is \$351.3million with the highest spend being on transport (traffic control, roads, etc), open space and stormwater.
- The AMPs are feeding into the Long Term Financial Plan (LTFP) which aids better financial modelling, asset lifecycle costs, etc. For the first time the AMPs have informed the LTFP, not vice versa.
- The AMPs are publicly available via the City of Marion website.
- We do not currently have systems in place to make asset information publicly available, however, there is potential to do this in future through the Digital Transformation Program implementation.
- It was noted that some major arterial roads throughout the City of Marion are in poor condition however these are the responsibility of DIT. The threshold for arterial road classification is 16,000 vehicles per day.
- The City of Marion is trialling different road treatment types to improve the life of assets. It was acknowledged that a higher upfront cost has potential to lower costs long term.
- New subdivisions (e.g. Tonsley) cause an increase in transport asset costs.
- A report will be brought to Council to identify and seek endorsement on how we manage transport infrastructure renewal programs.
- Next steps include implementation of the Asset Management Information System, service level monitoring, certified training, implementation and monitoring of internal audit recommendations and the Resilient Asset Management Pilot which includes improvement of climate resilience by retrofitting current assets and exploring new options rather than replacing like for like.

**Moved Councillor - Ian Crossland**

**Seconded Councillor – Nathan Prior**

That the Asset and Sustainability Committee:

1. Notes the Report.

**Carried Unanimously**

## **Footpath and Kerb Ramp Condition Audit**

### **Report Reference: ASC210601R04**

Mr Lundborg delivered a presentation on the Footpath and Kerb Ramp Condition Audit. The following discussion points were noted:

#### **Footpaths**

- The City of Marion has 883km of footpath (over 10,000 segments) valued at \$131m
- Levels of service identify safety, quality, capacity, functionality
- No cost has been allocated for operation. The City of Marion currently has two street sweepers working five days with the sixth day on pit clean up. The City of Charles Sturt have a similar road network with four large sweepers for roads and two small sweepers for footpaths. A footpath hierarchy will need to be developed before a report can be brought to Council for operation costs. Research and data collection through customer events are currently being undertaken to inform the report.
- Monitoring costs are allocated for footpath condition and defect auditing every 4 years. The current monitoring contractor is based in Victoria and the buggy has 2 cameras front and back taking photos every 2 metres via an onboard computer. Preliminary discussion for collaboration between Western councils has occurred to consider purchase of shared equipment and resources to undertake future audits in house.
- Footpath condition assessment – assessed at 20m intervals and provides a rating of 1(new) to 5 (in need of replacement) in line with IPWEA industry standards. 75% of our footpath network is sitting at level 3.
- Defects are measured at 10-20mm, 20-30mm, 30mm +, service pit trips and Temporary Asphalt Wedges. 7203 defects were identified on the network following the footpath blitz.
- Key service levels have been identified through the Transport Asset Management Plan:
  - Currently 5km of the network is condition greater than 4. Target - no condition greater than 4
  - Currently 1197 20mm defects, 264 30mm defects. Target - no defects above 20mm
- It was noted that there are some inefficiencies in operations as cutting/digging out and reinstating footpaths are completed by two separate crews, however, the City of Marion is currently working to close the gap between dig out and construction.
- Grinding provides a quick and cost-effective replacement of displaced footpaths. Grinding displacements greater than 10mm creates a weakness in the footpath (75-100mm thick) and should instead be replaced.
- The cost/benefit of concrete vs block paving and aggregate concrete was discussed by the Committee (per square metre: block paving \$75-80, concrete \$100-115, aggregate concrete \$125) with concrete lifespan being 20-30 years longer than alternative options). Block paving is used for new and upgrade work and work to existing footpaths are matched unless a full segment is being replaced. Old block pavers, when replaced by the City of Marion, are taken to the Southern Depot where they are crushed and turned into road base.

#### **Kerb ramps**

- The City of Marion has 7362 kerb ramps
- To be DDA compliant requires correct alignment and a max grade of 1:8 for ramps – 57% not compliant, 43% compliant
- It was acknowledged that there are some areas where new ramps have been added and old non-compliant ramps are still in place. A program to replace kerb ramps is underway.

**Action: Staff to follow up on locations where kerb ramps have been cut in preparation for replacement but have not progressed any further.**

Mr Lundborg also shared a short video compiled of 1.7million photos of footpath network and gave a brief demonstration of machine learning software which can be used for regular condition monitoring through cameras on fleet, etc)

**Moved Councillor – Ian Crossland**

**Seconded Councillor - Nathan Prior**

That the Asset and Sustainability Committee:

1. Provides feedback on the proposed future footpath strategies.
2. Supports a report to Council to endorse a Footpath Management Plan.

**Carried Unanimously**

**OTHER BUSINESS – Nil**

**MEETING CLOSURE** - meeting declared closed at 9.29pm

**CONFIRMED THIS 7TH DAY OF SEPTEMBER 2021**

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**CHAIRPERSON**