

His Worship the Mayor
Councillors
CITY OF MARION

NOTICE OF INFRASTRUCTURE AND STRATEGY COMMITTEE MEETING

Council Chamber, Council Administration Centre
245 Sturt Road, Sturt

Tuesday, 03 December 2019 at 06:30 PM

The CEO hereby gives Notice pursuant to the provisions under Section 83 of the Local Government Act 1999 that a Infrastructure and Strategy Committee meeting will be held.

A copy of the Agenda for this meeting is attached in accordance with Section 83 of the Act.

Meetings of the Council are open to the public and interested members of this community are welcome to attend. Access to the Council Chamber is via the main entrance to the Administration Centre on Sturt Road, Sturt.



Adrian Skull
Chief Executive Officer



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OPEN MEETING

KAURNA ACKNOWLEDGEMENT

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

ELECTED MEMBER'S DECLARATION (if any)

CONFIRMATION OF MINUTES

Confirmation of the minutes for the Infrastructure and Strategy Committee Meeting held on 5 November 2019

Originating Officer Executive Assistant to General Manager Corporate Services - Louise Herdegen

Corporate Manager Manager Corporate Governance - Kate McKenzie

Report Reference: ISC191203R01

RECOMMENDATION:

That the minutes of the Infrastructure and Strategy Committee Meeting held on 5 November 2019 be taken as read and confirmed.

ATTACHMENTS:

#	Attachment	Type
1	ISC191105 - Final Minutes	PDF File

**MINUTES OF THE ISC191105 - INFRASTRUCTURE AND STRATEGY COMMITTEE
MEETING - 5 November 2019**

Tuesday, 05 November 2019 at 06:30 PM

Council Administration Centre, 245 Sturt Road, Sturt



PRESENT :**Elected Members**

Councillor - Luke Hutchinson, Councillor - Matthew Shilling, Councillor - Ian Crossland, Councillor - Bruce Hull, Mayor - Kris Hanna (from 7:30 pm), Christian Reynolds

DATE :

Tuesday, 05 November, 2019 | Time 6:30 PM

VENUE :

Council Chamber

In Attendance

Councillor Nathan Prior
Councillor Jason Veliskou
Councillor Raelene Telfer
General Manager City Services - Tony Lines
General Manager City Development - Ilia Houridis
General Manager Corporate Services - Sorana Dinmore
Manager City Activation - Greg Salmon
Manager Innovation & Strategy – Fiona Harvey
Manager Customer Experience - Karen Cocks
Environmental Sustainability Manager – Ann Gibbons
Unit Manager Sport & Recreation Facilities - James O'Hanlon
Unit Manager Open Space & Recreation Planning - Renee Pitcher
Open Space & Recreation Planner - Rebecca Deans

OPEN MEETING

Councillor Hutchinson opened the meeting at 06:32 PM

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)

Nil

CONFIRMATION OF MINUTES

Confirmation of the minutes for the Infrastructure and Strategy Committee Meeting held on 1 October 2019 (Report Reference: ISC191105R01)

Moved: Councillor - Matthew Shilling

Seconded: Councillor - Ian Crossland

That the minutes of the Infrastructure and Strategy Committee Meeting held on 1 October 2019 be taken as read and confirmed.

Carried Unanimously

BUSINESS ARISING

Review of the Business Arising from previous meetings of the Infrastructure and Strategy Committee Meetings

Business Arising Statement - Action Items (Report Reference: ISC191105R02)

That the Infrastructure and Strategy Committee:

1. Notes the business arising statement, meeting schedule and upcoming items.
2. Recommends that opportunities for aligning strategic goals with future proofing our City through Capital works/Infrastructure projects are sought.

Carried Unanimously

Actions:

- Provide feedback to the new Committee on progress and opportunities at the December meeting (C Reynolds)
- Provide guidance to the new Infrastructure & Strategy Committee Chair for agenda items for the December meeting and extend an invitation to the new Independent Member to attend (F Harvey)
- Provide a high level summary of agenda topics of the past 12 months to the December meeting (F Harvey)

CONFIDENTIAL ITEMS - Nil

REPORTS FOR DISCUSSION

Climate Risk and Governance (Report Reference: ISC191105R03)

Environmental Sustainability Manager gave an overview of the report and highlighted key areas. The following feedback from members was provided:

- identifying risks well however there are short falls in emergency management planning
- there are opportunities for improvement in fleet & carbon neutrality
- present the Climate risk and Governance report to the Finance & Audit Committee
- report will be available to the public on Council's website on the Climate Change page, as well the report should be provided to the local Environment groups
- resourcing to deliver actions from the Climate Risk and Governance assessment should be presented with the action plan in 2020.

7:10 pm Councillor Shilling left the meeting

7.12 pm Councillor Shilling returned to meeting

Moved: Councillor - Ian Crossland

Seconded: Councillor - Matthew Shilling

That the Infrastructure and Strategy Committee:

1. Notes this update on the Climate Risk and Governance Project;
2. Supports the following priority City of Marion actions to be included in the regional response planning:
 - Inclusion of climate change risk in Asset Management Plans as they are reviewed and updated;
 - Review of the Climate Change Policy to include consideration of an emissions reduction target for Council;
 - Greater recognition of climate change in Council's emergency management planning documents, systems and processes;
 - Advocacy to the South Australian Government for greater recognition of climate change in planning policy.
3. Notes that further Elected Member engagement and input on this matter will be sought at a joint briefing to be held in 2020 with other councils that have also completed the assessment.

Carried Unanimously

Strategic Review of Customer Experience Plan (Report Reference: ISC191105R04)

The Manager Customer Experience provided additional context around Appendix 1 and 2 of the report. The following points of discussion were noted:

- improvements have been made to the public consultation process to better align community expectations with realistic Council capabilities and this will continue to improve as business practices become more efficient.
- continual improvement in business practices have led to efficiency gains such as increased first call resolutions

7.30 pm Mayor Hanna joined the meeting

- CRM would assist with improved data capture and analysis to guide informed decision making
- amend wording in Appendix 1 from "positive response" to "empathic, fair and accurate response" to customers

That Council:

1. Notes the report.

Carried Unanimously

Community Courts (Report Reference: ISC191105R05)

The Unit Manager Sport & Recreation Facilities, Unit Manager Open Space Planning and Recreation & Open Space Planner joined the meeting to provide a response to members questions.

The following discussion points were noted:

- progress of the overall strategy of court reduction and repurposing courts to multipurpose use
- members to present strategy for consideration where courts are required in other locations
- potential gap identified where open space plan policy does not include community court policy - to be addressed

Moved: Councillor Hull

Seconded: Mayor – Kris Hanna

The Infrastructure & Strategy Committee recommend to Council that:

1. Council proceeds to install one multipurpose court in Hamilton Reserve.
2. The Committee encourages Council to put together a plan to manage future community courts and to identify gaps in provision.
3. Through the open space plan, identify gaps in provision where multipurpose courts, taking into account netball courts, can be fulfilled.
4. Two netball courts be added to Cove netball facility through the open space plan and consult before any work is done.

Carried Unanimously

REPORTS FOR NOTING

Acquisition of Land and CEO Delegation to Purchase Land of a Strategic Nature (Report Reference: ISC191105R06)

The Committee clarified the intention of this procedure is to expedite the process should identified opportunities become available.

Administration to update the acquisition procedure taking into consideration feedback provided from the Committee.

Moved: Councillor - Matthew Shilling

Seconded: Councillor - Ian Crossland

The Infrastructure & Strategy Committee recommend to Council that:

1. The CEO have delegated authority for strategic land acquisition, using the approved procedure, up to \$1,000,000.

Carried Unanimously

City Property Strategic Asset Management Plan (Report Reference: ISC191105R07)

The following discussion points were noted:

- the last building condition audit was undertaken in 2015. It is a requirement that Asset Management Plans are reviewed within 2 years of a new council being appointed, and the building condition audit information is critical for this review.
- data from the new audit will be mapped and overlayed into corporate systems to provide a more detailed assessment of properties across the City to assist with assessing future needs of the community.
- well informed asset planning allows agile decision making for known expenses that happen unexpectedly

Moved: Councillor - Ian Crossland

Seconded: Councillor - Bruce Hull

That the Infrastructure and Strategy Committee:

1. Notes the update on the progress of the City Property Strategic Asset Management Plan initiative

Carried Unanimously

WORKSHOP / PRESENTATION ITEMS

Autonomous vehicle trial experience (Report Reference: ISC191105R08)

Mr Reynolds gave a verbal presentation on the differences between electric, hydrogen, diesel vehicles, the impact on the environment and financial implications, the lifecycle of the vehicle and the public transport sector.

OTHER BUSINESS

The Committee thanked Mr Reynolds for his contribution to the Committee over the past three years and noted that the members appreciated, valued and welcomed all his ideas.

MEETING CLOSURE

Meeting Declared Closed at 09:40 PM

CONFIRMED THIS 3RD DAY OF DECEMBER 2019

.....
CHAIRPERSON

BUSINESS ARISING

Review of the Business Arising from previous meetings of the Infrastructure and Strategy Committee Meetings

Business Arising Statement - Action Items

Originating Officer	Executive Assistant to General Manager Corporate Services - Louise Herdegen
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R02

REPORT OBJECTIVE

The purpose of this report is to review the business arising from previous meetings of the Infrastructure and Strategy Committee meetings, the meeting schedule and upcoming items.

RECOMMENDATION

That the Infrastructure and Strategy Committee:

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

Attachment

#	Attachment	Type
1	Combined Business Arising & Forward Agenda	PDF File

Meeting Schedule 2019



5 February	6.30 – 9.30
5 March	6.30 – 9.30
2 April	6.30 – 9.30
7 May	6.30 – 9.30
4 June	6.30 – 9.30
2 July	6.30 – 9.30
6 August	6.30 – 9.30
3 September	6.30 – 9.30
1 October	6.30 – 9.30
5 November	6.30 – 9.30
3 December	6.30 – 9.30

2020 Committee Membership

- Membership – 5 Elected Members + 1 Expert Member
- Quorum - 4 Committee Members

Presiding Member – Jason Veliskou

Expert Member

Russell Colbourne (1/1/2020 – 31/12/2020)

Members

- Tim Gard
- Bruce Hull
- Raelene Telfer
- Vacant EM



Infrastructure & Strategy Committee

Meeting Schedule 2020

Infrastructure & Strategy Committee		Date: Tuesday, 4 February Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	
City Transport and Moveability Plan	Request from ISC191001R04				E Delgado M Allen	

Infrastructure & Strategy Committee		Date: Tuesday, 7 April Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	

Infrastructure & Strategy Committee		Date: Tuesday, 2 June Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	



Infrastructure & Strategy Committee

Meeting Schedule 2020

Infrastructure & Strategy Committee		Date: Tuesday, 4 August Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	

Infrastructure & Strategy Committee		Date: Tuesday, 6 October Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	

Infrastructure & Strategy Committee		Date: Tuesday, 1 December Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	

CITY OF MARION
BUSINESS ARISING FROM THE INFRASTRUCTURE AND STRATEGY COMMITTEE MEETINGS

APPENDIX 1
 AS AT 27 NOVEMBER 2019



	Date of Meeting	Item	Responsible	Due Date	Status	Completed / Revised Due Date
1.	5 November 2019	ISC191105R02	• Provide feedback to the new Committee.	C Reynolds	22/11/19	
2.	5 November 2019	ISC191105R02	• Provide guidance to the new Chair for agenda items for December meeting.	F Harvey	22/11/19	
3.	5 November 2019	ISC191105R02	• Invite incoming Independent Member to attend next meeting.	F Harvey	29/11/19	Completed
4.	5 November 2019	ISC191105R02	• Provide high level summary of agenda topics for the past 12 months to the December meeting.	F Harvey	22/11/19	ISC Agenda 3/12/19
5.	5 November 2019	ISC191105R03	• Upload Climate Risk & Governance Report to Council's website	A Gibbons	8/11/19	Completed
6.	5 November 2019	ISC191105R03	• Present Climate Risk & Governance report to FAC	A Gibbons	22/11/19	Report prepared for FAC 10/12/19

* Completed items to be removed are shaded

CONFIDENTIAL ITEMS - Nil**WORKSHOP / PRESENTATION ITEMS****Tonsley Railway Station Presentation**

Originating Officer	Manager Development and Regulatory Services - Warwick Deller-Coombs
Corporate Manager	Manager Development and Regulatory Services - Warwick Deller-Coombs
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R03

REPORT OBJECTIVE

The Department of Planning, Transport and Infrastructure will give a presentation on the delivery of the new Tonsley Train Station as part of the Flinders Link Project.

EXECUTIVE SUMMARY

In anticipation of the Minister of Transport, Infrastructure and Local Government's likely announcement regarding the Tonsley Station on Monday 2 December or Tuesday 3 December 2019; this presentation is being provided.

Neil Welsh, DPTI Project Lead Flinders Link will give an electronic presentation to the Committee regarding the delivery of the Tonsley Station as part of the Flinders Link Project.

Matt Plymin, Project Officer, DPTI, will also be attending (but not presenting).

Like with the Oaklands Station Project, elements of the project will be assessed by the State Commission Assessment Panel and Council will comment on these through the Development Services team.

Some elements of the project will not be part of the development application and will therefore be analysed and overseen by Council's Senior Advisor, City Activation.

Council staff do not have any further information on the project at this time, however a presentation will be given on the night.

RECOMMENDATION

That the Infrastructure and Strategy Committee Notes this report.

Panel - The Value of Data

Originating Officer	Smart Cities Project Officer - Georgie Johnson
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R04

REPORT OBJECTIVE

This is a covering report for the panel discussion on 'The Value of Data'.

EXECUTIVE SUMMARY

As the City of Marion considers its digital future and how it embeds data capture, integrity and analysis with a view to improving decision making for community value, Manager Innovation and Strategy - Fiona Harvey will be hosting a panel of experts to discuss 'The Value of Data'.

The three panellists for the session are:

- Aron Hausler, New Venture Institute
- Damian Hewitt, SAGE Automation
- David Trengove, ESRI Australia

DISCUSSION

While some say data is the new oil or gold, as a CISCO article states 'it is neither and it's only valuable when gathered correctly and interpreted accurately'. Deloitte in one of its recent articles states 'By 2030, data collection and analysis will become the basis of all future service offerings and business models'. Whether it is the new oil or gold, having, gathering and interpreting data will shape the future of our offering to the community.

Our three expert panellists will discuss 'The Value of Data.' Discussion questions will be around topics such as:



- Utilising data to inform decisions
- Trends across organisations using data to improve services
- Maximising the value of data
- Open Data - how does it add value to the community
- Are organisations missing the value of data
- What questions can decision makers ask to get the most value from data

The panel format will be:

- Verbal introduction regarding 'The Value of Data' by panel host
- Introduction of panel members by panel host
- Each participant will present an overview of themselves and their role
- Host to ask questions of the panel
- Open Q&A from the Committee with panellists

Attachment

#	Attachment	Type
1	Panel - The Value of Data - Appendix 1	PDF File

Panel Member	Bio
	<p>Aron Hausler, New Venture Institute</p> <p>Aron is passionate about helping people to survive and thrive in an increasingly digital world.</p> <p>Over the last 25 years he has helped many small, medium and large organisations to apply strategic thinking, new ideas and new technologies to traditional business problems.</p> <p>He leads the Flinders University New Venture Institute (NVI) – a small innovation team dedicated to helping people turn good ideas into great businesses through the capabilities of the university.</p> <p>Prior to joining the NVI, Aron led the digital strategy and policy development function for the Government of South Australia; a role focussed on ensuring their annual technology spend (~\$650 million) was relevant and impactful.</p> <p>Aron has worked on the board of an international not-for-profit and founded three start-ups. He is at home building teams in the place where people, technology, and purpose meet.</p>
	<p>Damian Hewitt, SAGE Automation</p> <p>Damian is the General Manager of Transport at SAGE Automation, and is responsible for delivering the National Transport and Smart Cities Strategy.</p> <p>Damian's experience delivering Intelligent Transport Systems (ITS) projects and leading edge smart technology solutions that improve the sustainability of our cities and drive innovation has included: Matilda the World's Smartest Transit Hub, Addinsight transport intelligence system, IoT sensor applications involving smart lighting, park land pedestrian movements and cycle count, as well as expanding SAGE's involvement across 5 separate autonomous vehicle trials.</p> <p>His wealth of experience and passion for smart transportation has seen him rise to become a sought after industry expert in C-ITS, V2I and connective technologies. Damian works collaboratively with industry groups and partners including, (ADVI) the Australia and New Zealand Driverless Vehicle Initiative, ITS Australia, Smart Cities Council, Royal Society for the Blind and numerous universities including Flinders University and The University of Adelaide.</p>
	<p>David Trengove, ESRI Australia</p> <p>David Trengove guides a team of geospatial specialists developing ground-breaking, yet simple, solutions to complex and challenging problems.</p> <p>Working closely with key decision-makers across government and the private sector, David and the team deliver tangible results, transform businesses and strengthen their operations through the application of geographic insight.</p> <p>David holds university qualifications in surveying from the University of SA and GIS and remote sensing from the University of Adelaide. A background in asset management, has provided him with experience in integrating GIS technology with asset management systems, enabling evidence-based decision-making and asset lifecycle management.</p> <p>Being South Australian, a focus for David is to progress GIS usage across agriculture.</p>

REPORTS FOR DISCUSSION

Playground Data Analysis Report

Originating Officer	Open Space and Recreation Planner - Rebecca Deans
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R05

REPORT OBJECTIVE

To provide an update on the Innovation trial for playground data collection and analysis.

EXECUTIVE SUMMARY

In the delivery of the playground works program Elected Members requested data related to playground usage. At the 18 March 2018 General Council Meeting, Council endorsed the collection of data in playgrounds to inform future development and upgrades of playgrounds.

The initial report was brought to the Infrastructure and Strategy Committee Meeting held in May 2019. This report is an update report on the data being collected and how it is being used for asset management and business planning.

RECOMMENDATION

That the Infrastructure and Strategy Committee:

- 1. Notes the progress report on the use of data collection technologies within Council playgrounds.**

DISCUSSION

An innovation review brief is included as Attachment 1 and describes trends and insights the data has provided the administration to date.

Separate reports for the BIBAGames technology located at Roy Lander Reserve, Appleby Road Reserve and Trott Park have been uploaded to the "Innovation - Smart City Trials" webpage. The report provides data about park amenity, equipment preference, peak hours of use, utilisation by day, activity levels in addition to environmental indicators such as temperature, weather and wind impact by average per month.

Attachment

#	Attachment	Type
1	Playground Data Collection December 2019	PDF File

City of Marion Innovation Review



Project: Playground Data Collection
Date: December 2019

Project Description

In the delivery of the playground works program Elected Members asked for data in relation to playground usage. A report was endorsed by council to enable the collection of data in playgrounds to inform future development and upgrades of playgrounds.

Objectives

- To collect data that will inform playground and open space works into the future
- To collect data to inform usage of other open space in the City of Marion (CoM)

Playground Data Collection Trial Locations

Biba playgrounds

- Appleby Road Reserve
- Roy Lander Reserve
- Barton Terrace Reserve

Connected Parks

- Oakvale Way Reserve
- Cowra Crescent Reserve
- Hendrie Street Reserve

SAGE Automation (SAGE)

- Jervois Street Reserve

Timeframe

The trial will be undertaken for twelve months commencing the 1st January and concluding on the 1st of February 2020. The length of trial will enable a long term view of data collection that allows for data sets across a range of seasons and holidays to capture comprehensive data collection on playground usage.

Cost

A budget of \$48 000 was allocated to collect data across a range of playgrounds. After reviewing a number of data collection devices and companies, it was decided to trial a range of products and devices to identify which data collection best suits CoM needs into the future.

The following companies and devices have been selected

- SAGE – battery sensors to monitor Jervois Street Reserve
- Connected Parks
 - Oakvale Way Reserve – Wi-Fi sensors to monitor use of open space and play equipment
 - Cowra Crescent Reserve – gate counters
 - Hendrie Street Reserve – gate counters
- Biba – Augmented reality markers fitted to playgrounds to enable games to be played on devices with and around play equipment.

All three technologies are costing a total of \$45 781 to trial. The technology will belong to the CoM after the trial ends, ongoing costs will be for data collection and analysis.

City of Marion Innovation Review



Assessment

Biba

Biba games have been installed at three playgrounds since February 2019. Reports are received quarterly as per September reports (Attachment 2). Data insights are assessed against similar playgrounds within the CoM and worldwide.

Data to note includes:

Appleby:

- The most popular equipment is the tube slide
- Sunday is the most visited day, in the morning
- Average session length I greater than 30 minutes
- July had the most sessions

Roy Lander

- The most popular equipment is the tube slide
- Saturday was the most visited day, lunchtime
- March had the most sessions

Barton Street Reserve

- The swing and slide were equally popular
- Sunday is the most visited day, lunchtime
- April had the most sessions
- Average session length was less than 10 minutes

Connected Parks

Connected Parks have installed and tested equipment sensors at Oakvale Way Reserve and data collection was started April 2019. Gate sensors were also installed at Cowra Crescent Reserve and Hendrie Street Reserve. The data is collected to a dashboard housed by Connected Parks.

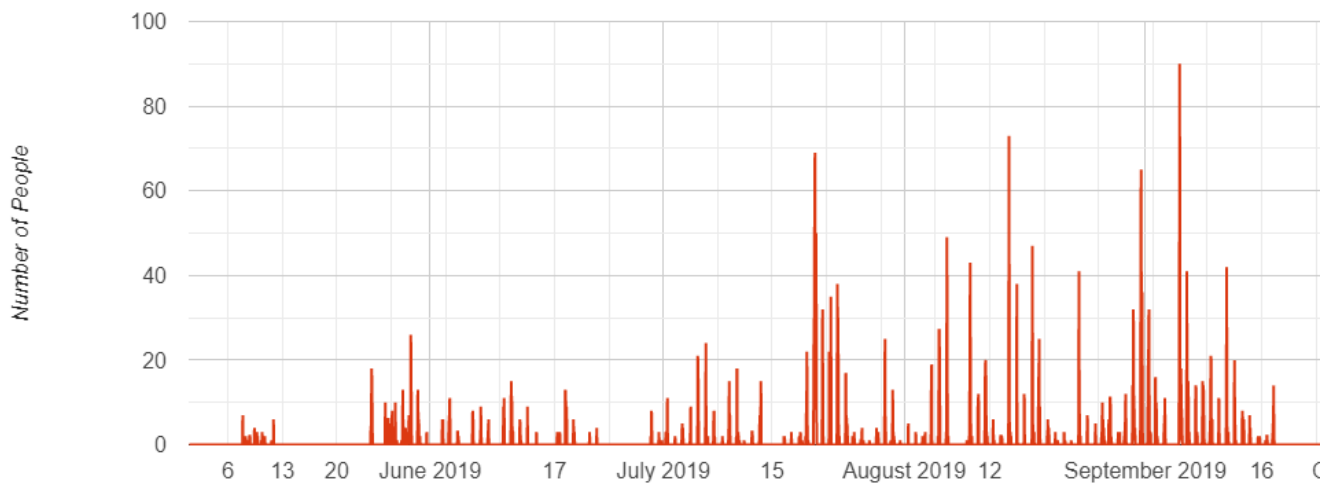
There have been inconsistencies with this data collection and graphs reflect periods of time where no data was collected either from vandalism or poor battery life of sensors.

Data to note includes:

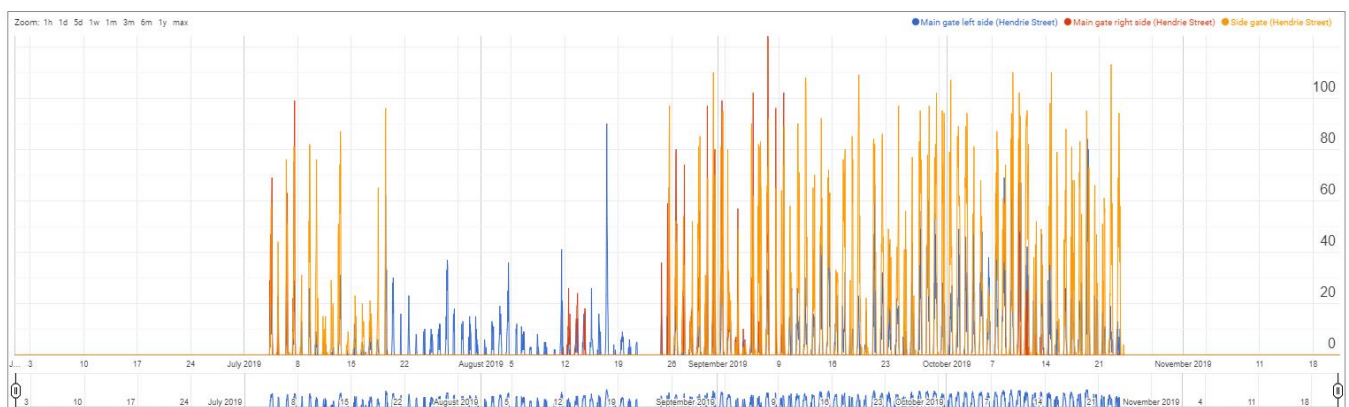
- The swing is the most popular piece of equipment at Oakvale Way Reserve
- The side gate at Hendrie Street Reserve is open the most
- Use of equipment at Oakvale way reserve is poor – it will be interesting to see if this use increases once a new playground is constructed.
- Gate openings at Cowra Crescent reserve are low, suggesting that use is minimal.

The following graphs summarize a sample of data usage over the last year at Cowra Crescent Reserve. There are a number of high use days, but these may be due to the gate being left open.

City of Marion Innovation Review



The side gate at Hendrie Street Reserve receives the most use.



Sage

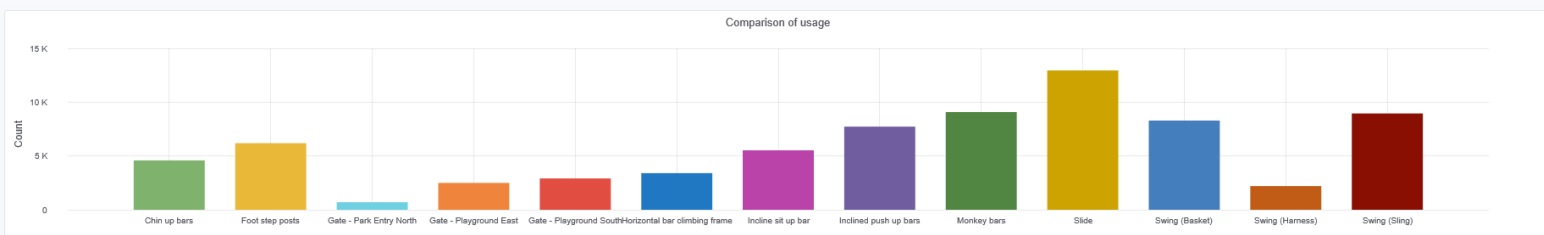
Sensors at Jervois Street Reserve have been in place since March 2019 and data is collected and analyzed in a dashboard housed by SAGE, which can be visualised in a variety of ways.

Data to note includes:

- The most popular day to play is Monday, lunchtime
- The most popular piece of equipment is the slide
- The sling swing is more popular than the basket swing
- The southern gate is the most popular entry to the children play area

The following graphs summarize a sample of usage data from Jervois Street Reserve over the last year.

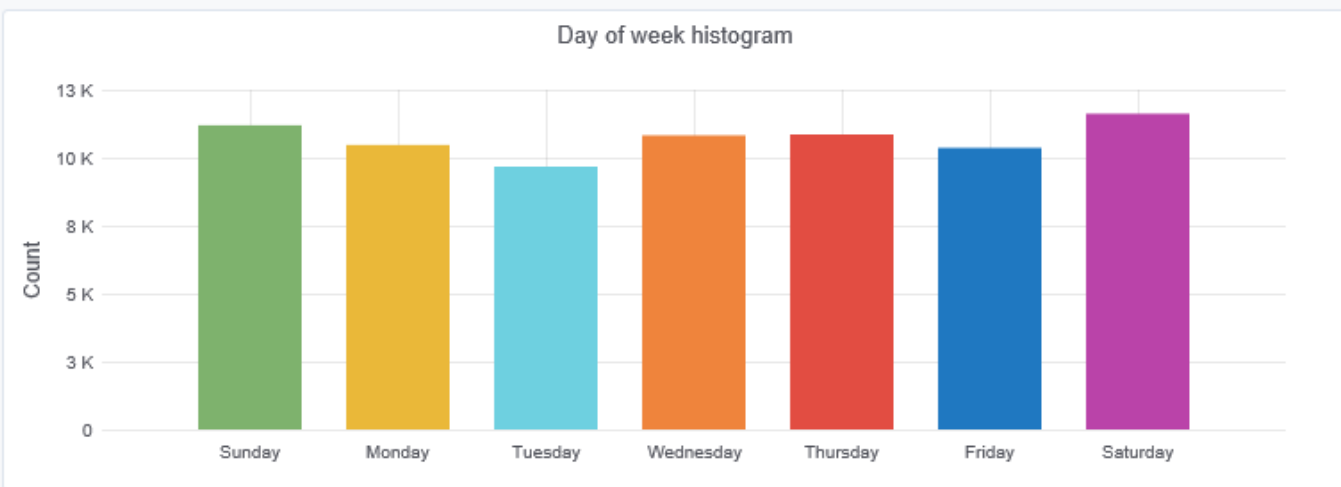
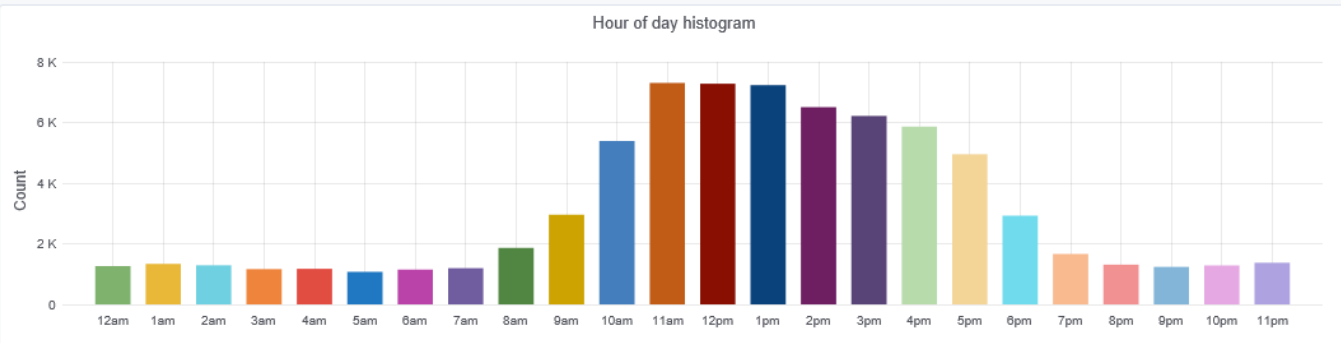
What is the most popular equipment?



City of Marion Innovation Review



▼ What are the most popular times?



Data use

The data collected will help inform:

- Popular equipment that should be used in new constructions
- Times of day to activate open spaces and playgrounds
- Historical use when a decision is made to remove a playground
- Determination if a new build increases use of the playground
- Provision of data for reports, awards and grant applications

Oaklands Smart Precinct Project - Update

Originating Officer	Smart Cities Project Officer - Georgie Johnson
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R06

REPORT OBJECTIVE

To provide the Infrastructure and Strategy Committee (ISC) with a progress update on the Oaklands Precinct Project.

EXECUTIVE SUMMARY

The City of Marion and the Federal Government executed the Grant agreement on the 14 January 2019 for the Smart Cities and Suburbs Grant funding, awarding \$867,500 50/50 matched funding, leveraging Council funds already committed to the Oaklands Crossing Project and the Metrics that Matter Project for the Oaklands Smart Precinct Project.

The Oaklands Smart Precinct Project focuses on addressing known problems and opportunities in the precinct and nearby areas, as well as using the opportunity the Oaklands Crossing Project provides to test and embed technology and data gathering devices in key infrastructure elements of the precinct. The project has 3 elements:

- Oaklands Precinct Smart Infrastructure
- Smart South Consortium
- Data Platform

The project will be delivered over 18/19 and 19/20 with all grant funding commitments to be completed by June 2020.

The reserve and precinct infrastructure upgrade component form part of the broader three year schedule of works committed to through the Oaklands Rail Crossing project. Project planning also includes connections to the Marion Cultural Centre Plaza project.

RECOMMENDATION

That the Infrastructure and Strategy Committee:

- 1. Notes the Oaklands Precinct Project progress report, designs and smart solutions identified to trial within the project.**

DISCUSSION

The Oaklands Smart Precinct proposal incorporates three key elements; building on the foundation of the Metrics that Matter project (Data Platform), a Reserve and Precinct infrastructure upgrade and the Smart South Consortium. With 50/50 matched funding commitments for each of the three areas.

The Smart Cities and Suburbs funding has provided the opportunity to trial technology enabling gathering data on existing services we provide to the community, to ensure we are continuously, smartly and efficiently improving our residents quality of life. The identified solutions are detailed in Attachment 1.

The reserve and precinct infrastructure upgrade component forms a part of the broader three year schedule of works committed to contribute to the Oaklands Rail Crossing project. Project planning includes connections to the Marion Regional Centre with due consideration of the Marion Cultural Centre Plaza and Warracowie Way project. A precinct context plan is provided Attachment 2.

The Oaklands Precinct project is currently in design development. Attachments 3, 4, 5 and 6 demonstrate the design intent for the construction tender for stages 1 & 2. The tender will be released and awarded within the next three months to achieve Councils adopted schedule of works and the Smart Cities and Suburbs Grant funding agreement. Timing for Stage 2 works are subject to Diagonal Way road closure gazette. Confirmation on this is likely to be April / May 2020. Consequently the design documentation for tender will be in separable portions to enable award of stage 1 early 2020 and subsequent stage 2 upon confirmation of Diagonal Way closure.

Delays to this time frame will result in a requirement to negotiate with the Federal Government to secure an extension of time to the grant agreement schedule.








Attachment

#	Attachment	Type
1	Oaklands Smart Precinct December 2019	PDF File
2	Oaklands Precinct Context Plan	PDF File
3	Oaklands Site master plan	PDF File
4	Oaklands Concept design	PDF File
5	Oaklands smart plaza artist impression	PDF File
6	Oaklands play space artist impression	PDF File

Oaklands Smart Precinct technology solutions

December 2019

The following technology solutions have been chosen to trial within the precinct, which may be scaled and replicated across the City.

Solution	Problem/Opportunity	Benefits
Smart Lighting 	<p>Lack of ability to reduce energy consumption through the dimming of lighting and proactively attend to maintenance issues before they impact or are reported by the community.</p>	<p>Through the installation of a central management system and NEMA PE Cells along the shared use path the following benefits will be achieved:</p> <ul style="list-style-type: none"> • reduction of energy and maintenance cost • increased public safety from improved lighting • proactive maintenance/hazards • measurable environmental impact due to reduced energy consumption
Smart Parking 	<p>A long standing problem in the area for our community is parking.</p> <p>Being able to communicate availability of commuter parking through wayfinding to reduce impact on residential streets and gather data on utilisation within the on-street parks surrounding the reserve will enable the data-driven decisions around service delivery.</p>	<p>Through the installation of technology including a parking management system commuters will be aware of best location to park and reduce congestions in surrounding streets.</p> <p>Utilisation data provides information around the visitors to the precinct and identify potential commercial opportunities into future eg coffee van or events.</p>
Traffic Sensors 	<p>Through the Smart South Consortium grant funding the data collected around parking flows will inform future planning around traffic in the precinct.</p>	<p>The consortium model enables a key object of the Precinct objectives to <i>“develop a collaborative approach between Council, businesses and educational/research institutions to share expertise and anonymous datasets and information to make informed decisions on community services and outcomes.”</i></p>
Sensor Play Equipment 	<p>Sensor based play equipment is an extension of sensory play that has many benefits for children, through including sensor play equipment we believe we will be enhancing the children's experience in the reserve.</p>	<p>Reasons sensory play is beneficial for children include:</p> <ul style="list-style-type: none"> • It helps to build nerve connections in the brain • It encourages the development of motor skills • It encourages 'scientific thinking' and problem solving
Digital Interactive Kiosk 	<p>The ability in a new innovative way to communicate to the community and the inclusion of a digital interactive kiosk that will provide wayfinding and relevant information will increase the awareness of local amenity within the area.</p>	<p>The Digital Interactive Kiosk will enable the ability to communicate local information on programs, shops and events.</p>
LoRAWAN network and sensors 	<p>Low Range Radio Frequency transmission of data without the need for 4G connections are a cost effective way to collect data to improve service delivery.</p> <p>Sensors being included:</p> <ul style="list-style-type: none"> • Smart BBQ • Soil moisture probes • Smart water value • Weather station • People movement sensors • Solar shelters with device charging ability 	<p>Low cost sensors enabling the trial of improving service delivery in new and innovative ways.</p> <p>By including sensors on these assets such as soil moisture probes, it will help with maintenance scheduling for the water truck.</p> <p>Smart BBQ enables data of use, faults and can schedule cleaning.</p> <p>People movement data helps to understand asset utilisation and peak times in the precinct which in the future could inform business hour trading, event planning and café popups.</p> <p>We will be trialing environmental and efficiency based solar products, such as picnic furniture & shelters. These products have the potential to power reserve services through solar such as BBQ use, provide device charging and reduce the need to trench power supply in the public realm into the future.</p>
Data Analytics 	<p>Leveraging on the existing data analytics project being run by Performance and Innovation team, the grant has enabled the extension of data models and a Proof of concept for Internet of things (IoT) data integration.</p>	<p>Data analysis from technology will enable improvements to the community experience continuously, smartly and efficiently.</p>

LEGEND

Stage 1
Capital works 2019/2020

- Dwyer Rd Reserve**

 - play ground
 - shelters
 - paths
 - bbq
 - landscaping and irrigation
 - service provisions
 - digital kiosk
- Commuter car parking**

 - sensors
 - digital vacancy signage
- 18

Reference to car park numbers

Stage 2
Capital works 2020/2021

- Reserve integration**
(subject to road closure gazette anticipate Minsiter decision by May 2020)

 - pedestrian/cyclist path
 - lighting
 - tree planting
- Diagonal Way**
(subject to road closure gazette)

 - pedestrian/cyclist path
 - lighting
 - tree planting
 - kerb and water table
 - road reseal
 - formalise car park

Stage 3
Capital works 2021/2022

- Diagonal Road**
(Detail design 2020/21)

 - pedestrian/cyclist path
 - tree planting
- pedestrian activated crossing

Future works (unfunded)

- Marion Cultral Centre Plaza and Warracowie Way**

 - currently in concept design and scoping phase
- “Chrysler trail” shared use path connection to Tonsley as per Walking and Cycling Guidelines 2018-2022**



02 LANDSCAPE CONCEPT

SITE MASTER PLAN



LANDSCAPE CONCEPT PLAN: SHEET 1



KEY

- 01 Smart Plaza
- 02 Play Space
- 03 BBQ Area
- 04 Sports Court
- 05 Upgraded Footpath
- 06 Almond Tree Grove
- 07 Lawn Area
- 08 1.5m Wide Multi Purpose Track
- 09 Upgraded Car Parking
- 10 Indented Car Parking
- 11 New Pedestrian / Bike Link
- 12 Autonomous Vehicle Entry Point With Removable Bollards

LEGEND

- Concrete Paver
- Bluestone Paving
- Exposed Aggregate Concrete
- Broom Finish Concrete
- Asphalt
- Rubber Softfall
- Gravel
- Organic Mulch
- Lawn
- Planting
- Dryland Grass
- Existing Tree
- Proposed Tree

02 LANDSCAPE CONCEPT

SMART PLAZA: ARTIST IMPRESSION



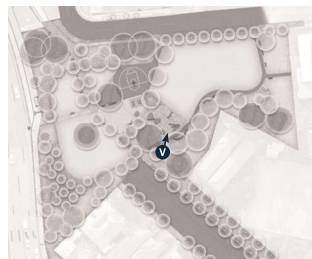
LOCATION PLAN
N.T.S



PLAY SPACE: ARTIST IMPRESSION



LOCATION PLAN
N.T.S



REPORTS FOR NOTING

Infrastructure & Strategy Committee - 2019 review and considerations for 2020

Originating Officer	Executive Assistant to General Manager Corporate Services - Louise Herdegen
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R07

REPORT OBJECTIVE

This report outlines a summary of the work program the Infrastructure and Strategy Committee (ISC) considered over 2019 and provides the members of the 2020 ISC inputs for consideration into the 2020 work program.

RECOMMENDATION

That the Infrastructure and Strategy Committee:

1. **Recommends to Council that this report and any directions minuted are provided to the 2020 Infrastructure and Strategy Committee to inform its considerations of a work program for 2020.**
2. **Notes the activity of the 2019 Infrastructure and Strategy Committee members and acknowledges the contributions of members:**
 - 2.1. **Presiding Member, Councillor Luke Hutchinson (concluding term)**
 - 2.2. **Councillor Ian Crossland (concluding term)**
 - 2.3. **Councillor Matthew Shilling (concluding term)**
 - 2.4. **Expert Member, Mr Christian Reynolds**
 - 2.5. **Councillor Tim Gard (continuing)**
 - 2.6. **Councillor Bruce Hull (continuing)**
 - 2.7. **Mayor Kris Hanna (continuing)**

DISCUSSION

The ISC has a broad Terms of Reference (ToR) (Attachment 1) focussed on advising Council on long-term strategic objectives including:

- development and monitoring of Council's strategic management plans
- emerging risks and opportunities
- opportunities for innovation
- monitoring major projects (over \$4 million) and management of its assets
- service levels required to deliver on long-term objectives

During 2019 the ISC met 9 times (including the December meeting) and covered a broad range of topics relating to its TOR.

The ISC's discussions are held in the context of Council's 30 year, 10 year and 4 year strategic and business plans and consider the continuously evolving nature of the City of Marion, the broader local government sector, and the region and state's operating environment.

In all 47 items were discussed across 9 meetings, the topics discussed during 2019 are listed in Attachment 2, including a breakdown of frequency of items against the objectives of the Committee.

The most commonly discussed issues were:

- Major Projects and Assets (17)
- Risks and Opportunities (14)
- Strategic Plans (8)
- Innovation (5)
- Service Levels (3)

The above acknowledges that within these themes there were crossovers, particularly in the case of Risk and Opportunity with Innovation.

Attachment 1 of the Business Arising agenda item includes the forward plan and membership of the Infrastructure and Strategy Committee.

Whilst the following list is not exhaustive, discussion regarding the setting of topics and objectives for the 2020 ISC program could include:

Council Strategic Management Plans

- Community Vision Towards 2040
- City of Marion Strategic Plan 2019-2029
- City of Marion Business Plan 2019-2023
- Making Marion 2040

Risks and Opportunities

- Productivity Commission
- Local Government reforms
- Community demographics
- Changing and emerging community expectations
- Technology
- Environment and Sustainability
- Circular Economy

Innovation

- Council Collaborations
- Service Delivery
- Infrastructure Delivery
- Community Engagement

Major Projects and Assets

- Projects over \$4 million
- Asset Management and Renewal

Service Levels

- Service levels to community across Council programs
- Consideration of service levels to Long Term Financial Plan

Attachment

#	Attachment	Type
1	Appendix 1 ISC TOR	PDF File
2	Attachment 2 ISC 2019 Program	PDF File

INFRASTRUCTURE & STRATEGY COMMITTEE TERMS OF REFERENCE



1. ESTABLISHMENT

- 1.1 Pursuant to section 41 of the *Local Government Act 1999* (The Act) the Council has established an Infrastructure and Strategy Committee.

2. OBJECTIVES

- 2.1 The Committee is established for the purposes of:
- Providing advice to Council regarding matters of strategic importance.
 - The development and monitoring of Council's strategic management plans as defined under section 122 of the Act.
 - Providing advice to Council on the changing and emerging nature of the community, region and area in which it operates, and specifically the public policy objectives of other councils, State and Commonwealth governments.
 - Providing advice to council on the extent or levels of service required to be provided by the Council to achieve its long-term objectives.
 - Providing advice and recommendations to Council regarding the strategic management of council assets.
 - Monitoring of major Council Projects that are in excess of \$4 million and / or are of a nature which pose significant risk or high community impact.
 - Aligning Council's management of assets and infrastructure to its long term strategic objectives.
 - Providing advice to Council on opportunities for innovation aligned with its long term strategic objectives.

3. MEMBERSHIP

- 3.1 The membership of the Committee will comprise of:
- The Mayor
 - Five Elected Members
 - One expert member who is independent of Council
- 3.2 The Membership, term of appointment and the presiding member will be determined by resolution of the Council.

Elected Member Representatives

- 3.3 An Elected Member will be the presiding member of the Committee.
- 3.4 The Elected Member Representatives will change during the term of Council however Council may resolve to re-appoint an Elected Member representative for consecutive terms if this provides continuity for the Committee.

Expert Member

- 3.5 The expert member will have experience in strategic management covering areas such as business strategy/planning and integration/alignment of strategic directions, asset/facilities management, project management and/or civil/structural engineering.
- 3.6 The appointment of the expert member will be made by the Council for a term to be determined by the Council. Council may resolve to re-appoint an expert member for consecutive terms.
- 3.7 If Council proposes to remove an expert member from the Committee, it must give written notice to the expert member of its intention to do so and provide the expert member with the opportunity to be heard at a council meeting which is open to the public, if the expert member so requests.
- 3.8 A sitting fee for each scheduled meeting will be paid to the expert member of the Committee and will be set by Council. At a minimum, the remuneration sitting fee paid to expert members will be reviewed within 12 months of a Council (periodic) election.
- 3.9 Any fees for additional workshops and/or meetings outside the meeting schedule must be negotiated separately before the meeting occurs.

Process to source Expert Members

- 3.10 The Council will determine the process for appointing an expert member. This will be through resolution if not defined by another Committee's Terms of Reference.

4. BASIS FOR OPERATION

- 4.1 The Committee does not have any delegated powers of Council, and all decision of the Committee will constitute recommendations to the Council.
- 4.2 For the purposes of section 41(8) of the Act, the Council does not impose any reporting and accountability requirements on the basis that all decisions of the Committee constitute recommendations to Council.
- 4.3 The Committee will meet as resolved by Council between February and December each year.
- 4.4 A quorum for a meeting of the Committee shall be four Members of the Committee.
- 4.5 Each member present at a Committee meeting must, subject to the provision of the Act, vote on a question arising for decision at that meeting.
- 4.6 Where the Act, the Local Government (Procedures at meetings) Regulations 2000 and these Terms of Reference do not prescribe procedures to be observed in relation to the conduct of a meeting of the Committee, the Committee may determine its own procedures.
- 4.7 Administrative support will be provided to the Committee as requested.
- 4.8 The Committee will review its Performance on a bi-annual (every two years) basis using performance indicators developed for that purpose.

5. TERMS OF REFERENCE

- 5.1 Within the parameters of the Act, and having regard to the powers, functions and responsibilities of the Chief Executive Officer, the Committee is charged with providing advice and recommendations to Council regarding:
- 5.1.1 To advise Council regarding the development, implementation and review of its strategic management plans.
 - 5.1.2 To ensure that Council policy and strategies provide and promote Community 'wellbeing' through enhancing and sustaining economic, environmental and community development of the City of Marion.
 - 5.1.3 To review strategic topics (not included within any other Committees Terms of Reference) prior to Council consideration and adoption.
 - 5.1.4 The development and implementation of Council policy relating to the management and utilisation of Council assets and infrastructure.
 - 5.1.5 The monitoring and potential implementation strategies for the sporting facilities priorities of the City of Marion.
 - 5.1.6 The monitoring, development and implementation of Council's Strategic Asset Management Plans in accordance with Council's Asset Management Policy.
 - 5.1.7 Opportunities to either acquire new assets or dispose of assets in accordance with Council's Disposal of Land and Assets Policy.
 - 5.1.8 Monitoring of major projects of the City of Marion or within the City of Marion.
 - 5.1.9 The opportunities to further develop strategic transport and integration of transport needs of the Community.
 - 5.1.10 The opportunities to further pursue Council's strategic objectives using innovative solutions.

Adopted by Council:	27 November 2018
Next Review:	November 2020
Previous Version:	28 February 2017 (GC280217R04)
Owner:	Manager Corporate Governance Manager Innovation and Strategy Manager Strategic Projects
Applicable Legislation:	Local Government Act 1999 Local Government (Procedures at Meetings) Regulations 2013 Development Act 1993

Attachment 2: 2019 Infrastructure and Strategy Committee Topics



5 February 2019

- Oaklands Smart Precinct Update
- Committee's Forward Agenda
- Capital Works Review

5 March 2019

- Confidential - Marion Golf Club
- Hallett Cove Sea Pool Technical Feasibility Study - Feedback and Discussion
- Marino Hall - Update on development options
- Infrastructure & Strategy Committee 2019 Focus
- Emerging Innovation and Ideas

2 April 2019

- Presentation from SA Power Networks
- Future of Lighting

7 May 2019

- Southern Adelaide Economic Development Board (SAEDB)
- Regional Collaboration and Working Across Boundaries
- City of Casey Electric Vehicle Case Study
- Grants Attraction Program Update
- Urban Activation Project Data Analysis
- Playground Data Analysis Report
- Capital Works Progress Update
- Oaklands Smart Precinct Update
- Seaview High School Sports Facilities Partnership

4 June 2019

- Living Kurna Cultural Centre Management Models
- Presentation: SRWRA
- Presentation: Flinders University
- Presentation: Current challenges and future opportunities for management of waste and recycling at the City of Marion

Attachment 2: 2019 Infrastructure and Strategy Committee Topics

2 July 2019 - Lack of Quorum - An informal gathering took place which presented:

- Update on recycled materials in roads
- Presentation: City of Mitcham- recycled road materials
- Presentation: Hydrogen Park SA, AGIC
- Indoor Skate Facility

6 August 2019 - No Meeting**3 September 2019 - No Meeting****1 October 2019**

- Presentation: South Australian Productivity Commission
- City Transport and Moveability Plan
- Seaview High School Sports Facilities Partnership
- Oaklands Smart Precinct Project - Update
- Capital Construction Program - Update
- Corporate Information and Community Technology - Update
- Review of Use of Economic Statement

5 November 2019

- Climate Risk and Governance
- Strategic Review of Customer Experience Plan
- Community Courts
- Acquisition of Land and CEO Delegation to Purchase Land of a Strategic Nature
- City Property Strategic Asset Management Plan
- Autonomous Vehicle Trial Experience

3 December 2019

- Presentation: Tonsley Railway Station
- Panel: Value of Data
- Playground Data Analysis Report
- Oaklands Smart Precinct Project - Update
- Independent Member Annual Report
- Infrastructure & Strategy Committee - Summary of Items for 2019

Independent Member Report

Originating Officer	Executive Assistant to General Manager Corporate Services - Louise Herdegen
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Ilia Houridis
Report Reference	ISC191203R08

REPORT OBJECTIVE

Verbal update from Independent Member - Mr Christian Reynolds

RECOMMENDATION

That the Infrastructure and Strategy Committee:

1. Notes the report.

OTHER BUSINESS

MEETING CLOSURE

The meeting shall conclude on or before 9.30pm unless there is a specific motion adopted at the meeting to continue beyond that time.