



INFRASTRUCTURE POLICY COMMITTEE

AGENDA

3 NOVEMBER 2020

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that an **INFRASTRUCTURE POLICY COMMITTEE MEETING of ORANGE CITY COUNCIL** will be held in the **COUNCIL CHAMBER, CIVIC CENTRE, BYNG STREET, ORANGE WITH AN OPTION OF ONLINE CONFERENCING PLATFORM ZOOM DUE TO COVID-19 REQUIREMENTS** on **Tuesday, 3 November 2020.**

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Administration on 6393 8218.

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1 INTRODUCTION

1.1 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the Infrastructure Policy Committee at this meeting.

2 COMMITTEE MINUTES

2.1 MINUTES OF THE CITY OF ORANGE TRAFFIC COMMITTEE MEETING - 13 OCTOBER 2020

RECORD NUMBER: 2020/2078

AUTHOR: Ian Greenham, Director Technical Services

EXECUTIVE SUMMARY

The City of Orange Traffic Committee held a meeting on 13 October 2020 and the recommendations from that meeting are presented to the Infrastructure Policy Committee for adoption.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “9.1 Preserve - Construct and maintain a road network meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

The cost of signage will be funded from the line marking budget.

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That Council resolves:

- 1 To acknowledge the reports presented to the City of Orange Traffic Committee at its meeting of 13 October 2020.
- 2 To determine Recommendations 3.1, 3.2 and 3.3 from the minutes of the City of Orange Traffic Committee meeting of 13 October 2020 being:
 - 3.1 *That Council close Prince Street (Sale to Anson) from 9am to 12noon on Tuesday 3 November 2020.*
 - 3.2 *That the bus zone times at Canobolas Public School be changed to 9.00am – 9.15am and 3.15pm – 3.30pm subject to the approval of Apple City buses.*
 - 3.3
 - 1 *That Council install 100m of BB lines on Seaton Street from the intersection of Carcoar Street to Lucknow Street, install No Stopping signs at the intersection of Seaton Street and Carcoar Street and a further 20m of No Parking zone (Kiss and Drop) on the southern side of Seaton Street as per Figure A between 8:30am - 9:30am weekday mornings.*
 - 2 *That the Road Safety Officer carry out inspects prior to the implementation of each measure and report back to the Committee.*
- 3 That the remainder of the minutes of the City of Orange Traffic Committee Meeting of 13 October 2020 be adopted.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation's impact on Council's service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

ATTACHMENTS

- 1 COTC 13 October 2020 Minutes
- 2 COTC 13 October 2020 Agenda, D20/63072 [↓](#)

ORANGE CITY COUNCIL

MINUTES OF THE

CITY OF ORANGE TRAFFIC COMMITTEE

HELD IN COMMITTEE ROOM 3, CIVIC CENTRE, BYNG STREET, ORANGE

ON 13 OCTOBER 2020

COMMENCING AT 9.30AM

1 INTRODUCTION

ATTENDANCE

Cr R Turner (Chairperson), Sgt Peter Foran, Mr Geoff Lewis, Mr D Vant, Strategic Planning and Design Engineer, Works Manager, Manager Engineering Services, Senior Parking Officer, Parking Attendant, Divisional Administration Officer

1.1 Apologies and Leave of Absence

RECOMMENDATION	Cr R Turner/Mr G Lewis
That the apologies be accepted from Chief Inspector David Harvey and Mr Richard Drooger for the City of Orange Traffic Committee meeting on 13 October 2020.	

1.2 Acknowledgement of Country

The Chairperson conducted the Acknowledgement of Country.

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Nil

2 PREVIOUS MINUTES

RECOMMENDATION	Mr G Lewis/Cr R Turner
That the Minutes of the Meeting of the City of Orange Traffic Committee held on 8 September 2020 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate record of the proceedings of the City of Orange Traffic Committee meeting held on 8 September 2020.	

3 GENERAL REPORTS

3.1 PRINCE STREET (SALE TO ANSON) ROAD CLOSURE FOR DPI OPENING

TRIM REFERENCE: 2020/1970

RECOMMENDATION

Mr G Lewis/Cr R Turner

That Council close Prince Street (Sale to Anson) from 9am to 12noon on Tuesday 3 November 2020.

3.2 BUS SIGNS AT CANOBOLAS PUBLIC SCHOOL

TRIM REFERENCE: 2020/1813

RECOMMENDATION

That the bus zone times at Canobolas Public School be changed to 9.00am – 9.15am and 3.15pm – 3.30pm subject to the approval of Apple City buses.

3.3 SEATON STREET SPRING HILL SCHOOL TRAFFIC CONCERNS

TRIM REFERENCE: 2020/1971

RECOMMENDATION

- 1 That Council install 100m of BB lines on Seaton Street from the intersection of Carcoar Street to Lucknow Street, install No Stopping signs at the intersection of Seaton Street and Carcoar Street and a further 20m of No Parking zone (Kiss and Drop) on the southern side of Seaton Street as per Figure A between 8:30am - 9:30am weekday mornings.
- 2 That the Road Safety Officer carry out inspections prior to the implementation of each measure and report back to the Committee.

GENERAL BUSINESS

- The Senior Parking Officer advised that the changes made to parking (parallel to angle) at Bletchington Public School are working well. Have been fewer fines issued.
- The movement of the pedestrian crossing on Coronation Drive, near Orange High School, is an improvement.

THE MEETING CLOSED AT 9.55AM.



CITY OF ORANGE TRAFFIC COMMITTEE

AGENDA

13 OCTOBER 2020

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that a **CITY OF ORANGE TRAFFIC COMMITTEE MEETING** of **ORANGE CITY COUNCIL** will be held in the **COMMITTEE ROOM 3, CIVIC CENTRE, BYNG STREET, ORANGE** on **Tuesday, 13 October 2020** commencing at **9.30AM**.

David Waddell

CHIEF EXECUTIVE OFFICER

For apologies please contact Jason Theakstone on 6393 8505.

CITY OF ORANGE TRAFFIC COMMITTEE

13 OCTOBER 2020

AGENDA

EVACUATION PROCEDURE

In the event of an emergency, the building may be evacuated. You will be required to vacate the building. The Committee Clerk will now identify the emergency muster point.

Under no circumstances is anyone permitted to re-enter the building until the all clear has been given and the area deemed safe by authorised personnel.

In the event of an evacuation, a member of Council staff will assist any member of the public with a disability to vacate the building.

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CITY OF ORANGE TRAFFIC COMMITTEE

13 OCTOBER 2020

1 INTRODUCTION**MEMBERS**

Cr R Turner (Chairperson), Mr Richard Drooger, Sgt Adam Cornish, Mr Geoff Lewis, Chief Executive Officer, Director Technical Services, Manager Development Assessments, Strategic Planning and Design Engineer, Road Safety Officer, Works Manager, Manager Engineering Services, Communications Officer, Divisional Administration Officer

1.1 APOLOGIES AND LEAVE OF ABSENCE**1.2 ACKNOWLEDGEMENT OF COUNTRY**

I would like to acknowledge the Wiradjuri people who are the Traditional Custodians of the Land. I would also like to pay respect to the Elders both past and present of the Wiradjuri Nation and extend that respect to other Aboriginal Australians who are present.

1.3 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the City of Orange Traffic Committee at this meeting.

2 PREVIOUS MINUTES**RECOMMENDATION**

That the Minutes of the Meeting of the City of Orange Traffic Committee held on 8 September 2020 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate records of the proceedings of the City of Orange Traffic Committee meeting held on 8 September 2020.

ATTACHMENTS

- 1 Minutes of the Meeting of the City of Orange Traffic Committee held on 8 September 2020

ORANGE CITY COUNCIL

MINUTES OF THE

CITY OF ORANGE TRAFFIC COMMITTEE

HELD IN COUNCIL CHAMBER, CIVIC CENTRE, BYNG STREET, ORANGE

ON 8 SEPTEMBER 2020

COMMENCING AT 9.30AM

1 INTRODUCTION

ATTENDANCE

Cr R Turner (Chairperson), Snr Sgt Peter Foran, Mr Geoff Lewis, Ms Deanne Freeman (RMS), Manager Development Assessments, Strategic Planning and Design Engineer, Road Safety Officer, Works Manager, Manager Engineering Services, Communications Officer, Divisional Administration Officer

1.1 Apologies and Leave of Absence

RECOMMENDATION

Mr G Lewis/Cr R Turner

That the apologies be accepted from Mr Richard Drooger and Manager Development Assessments for the City of Orange Traffic Committee meeting on 8 September 2020.

1.2 Acknowledgement of Country

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Nil

2 PREVIOUS MINUTES

RECOMMENDATION

Mr G Lewis/Cr R Turner

That the Minutes of the Meeting of the City of Orange Traffic Committee held on 11 August 2020 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate record of the proceedings of the City of Orange Traffic Committee meeting held on 11 August 2020.

MINUTES OF CITY OF ORANGE TRAFFIC COMMITTEE

8 SEPTEMBER 2020

3 GENERAL REPORTS**3.1 INTERSECTION OF MARCH AND WINTER STREETS AND OPHIR ROAD**

TRIM REFERENCE: 2020/1651

RECOMMENDATION**Mr G Lewis/Cr R Turner**

That Council install No Stopping signs on the SW and SE side of the March Street/Ophir Road and Winter Street intersection.

3.2 SAMPSON STREET FOOD WEEK LUNCH 2021

TRIM REFERENCE: 2020/1675

RECOMMENDATION**Cr R Turner/Mr G Lewis**

That Council approve the Sampson Street FOOD Week Lunch to be held on 10 April 2021 subject to the attached Conditions of Consent.

GENERAL BUSINESS**CBD 40KM/H Speed Reduction**

The Committee discussed a 40km/h zone within the city CBD (Hill to Peisley Street, Byng to Kite Street) and a separate report be furnished to Council for its consideration.

Intersection of Mitchell Highway and Thompson Road

Discussion was held regarding the intersection of the Mitchell Highway and Thompson Road. It was decided that Council write to Transport for NSW requesting that it consider undertaken intersection improvements to address safety concerns at this intersection.

Number of off road accidents – NDR/Mitchell Highway

The Committee was advised of a number of off road accidents on the NDR/Mitchell Highway. Transport for NSW have increased size of speed sign. Non-slip surface to be applied.

Crash Data for Blackspot Funding

Projects up for consideration for 2021/2022 Financial Year:

- Nile and Byng Street intersection - Raised Speed Platform (speed reduction)
- Dalton and Sampson - Raised Speed Platform (speed reduction)
- Dalton and Clinton - One lane roundabout
- Dalton Street (McLachlan Street to Ophir Road) - Line Marking and Lighting
- Hill and Gardiner - Raised Speed Platform (speed reduction)
- Kite Street Pedestrian Crossing - Extend Pedestrian Blisters and possible speed limit reduction

THE MEETING CLOSED AT 10.25AM.

CITY OF ORANGE TRAFFIC COMMITTEE

13 OCTOBER 2020

3 GENERAL REPORTS

3.1 PRINCE STREET (SALE TO ANSON) ROAD CLOSURE FOR DPI OPENING

RECORD NUMBER: 2020/1970

AUTHOR: Jason Theakstone, Manager Engineering Services

EXECUTIVE SUMMARY

Council has been asked to close Prince Street (Sale to Anson) for the opening of the newly constructed DPI building.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “9.1 Preserve - Construct and maintain a road network meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

\$500 in wages to be funded from the road maintenance budget.

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That Council close Prince Street (Sale to Anson) from 9am to 12noon on Tuesday 3 November 2020.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

SUPPORTING INFORMATION

Council has been asked to close Prince Street (Sale to Anson) for the opening of the newly constructed DPI building. The street is required to be closed to facilitate the opening ceremony.

Council will undertake the following for the road closure:

1. Advertise the road closure in the local paper.
2. Undertake a Risk Assessment.
3. Use appropriately trained traffic controllers.

In the interest of public safety, it is recommended that Council approve the road closure.

CITY OF ORANGE TRAFFIC COMMITTEE

13 OCTOBER 2020

3.2 BUS SIGNS AT CANOBOLAS PUBLIC SCHOOL

RECORD NUMBER: 2020/1813

AUTHOR: Jason Theakstone, Manager Engineering Services

EXECUTIVE SUMMARY

Council has been asked to consider changing bus zone times outside Canobolas Public School.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “9.1 Preserve - Construct and maintain a road network meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

That funding be allocated from the sign budget.

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That the bus zone times at Canobolas Public School be changed to 9.00am – 9.15am and 3.15pm – 3.30pm.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

SUPPORTING INFORMATION

The Principal of Canobolas Public School has written to Council requesting that the times on the bus zone sign at the school change to 9.00am – 9.15am and 3.15pm – 3.30pm.

The current sign is 9.00am – 9.30am and 3.00pm – 3.30pm.

CITY OF ORANGE TRAFFIC COMMITTEE

13 OCTOBER 2020

3.3 SEATON STREET SPRING HILL SCHOOL TRAFFIC CONCERNS

RECORD NUMBER: 2020/1971

AUTHOR: Jason Theakstone, Manager Engineering Services

EXECUTIVE SUMMARY

Spring Hill School has requested a Kiss and Drop zone on Seaton Street, Spring Hill.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “9.1 Preserve - Construct and maintain a road network meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

\$1,000 to be funded from the sign and line marking budget.

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That Council install 100m of BB lines on Seaton Street from the intersection of Carcoar Street to Lucknow Street, install No Stopping signs at the intersection of Seaton Street and Carcoar Street and a further 20m of No Parking zone (Kiss and Drop) on the southern side of Seaton Street as per Figure A below.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

SUPPORTING INFORMATION

Spring Hill School has requested a Kiss and drop zone on Seaton Street, Spring Hill.

CITY OF ORANGE TRAFFIC COMMITTEE

13 OCTOBER 2020

3.3 Seaton Street Spring Hill School Traffic concerns

It is recommended that Council install traffic signs as per Figure A below:



3 GENERAL REPORTS

3.1 CURRENT WORKS

RECORD NUMBER: 2020/2113

AUTHOR: Ian Greenham, Director Technical Services

EXECUTIVE SUMMARY

The purpose of this report is to update Council on construction and maintenance works which have been carried out since the last current works report to Council.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “9.1 Preserve - Construct and maintain a road network meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That the information provided in the report on Current Works be acknowledged.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

SUPPORTING INFORMATION

Road Maintenance

Council’s maintenance crews have been continuing reactive maintenance works across the city. Rural road grading crews have completed their current programmed works and transitioned into road and carpark construction activities with the warmer weather.

Road Upgrading

Prince Street from Hill to Anson Street

Stabilisation works to improve the strength of the existing road pavement have now been completed on this section of road and a sprayed seal applied. An asphalt surface will be applied to complete these works.

3.1 Current Works

Dalton Street from Peisley to Anson Street

Stabilisation works to improve the strength of the existing road pavement have now been completed on this section of road and a sprayed seal applied. An asphalt surface will be applied to complete these works.

Icely Road from Park to Paling

Stabilisation works to improve the strength of the existing road pavement have now been completed on this section of road and a final sprayed seal applied.

Water Treatment Plant to NDR

Stabilisation works to improve the strength of the existing road pavement have commenced.

Ploughman's Lane

Works commenced on the upgrading of Ploughman's Lane between Coronation Drive and the Escort Way. Phase 1 of the upgrade involves treating the existing pavement with stabilising agents to improve its strength. Phase 2 will involve adding an additional 200mm of new gravel pavement over the entire length.



Photo: Rolling of Ploughmans lane following chemical stabilisation

Forest Road – Hospital to Cadia Road

Construction works have commenced with the continuation of footpath installation, storm water infrastructure and water main installation works.

3.1 Current Works

Traffic Facilities

Hill Street / NDR / William Maker Drive Roundabout

Works are continuing on the northern side of the new roundabout with around half of the dual lane section spray sealed and ready for asphalt. The William Maker Drive pavement approaches have been completed and are ready for sealing. Further traffic changes will occur with William Maker Drive to be closed in the coming weeks as works move onto the outside lane of the Distributor Road.



Photo: Traffic switch to new roundabout pavement Westbound

Anson Street and Margaret Street Blisters

Installation of the new concrete blisters at the intersection of Anson Street and Margaret Street has been completed.

Coronation Drive Pedestrian Crossing

The crossing outside of Orange High School was moved away from the Kenna Street intersection, blisters were installed and the central island removed to improve pedestrian safety. This work was undertaken during the September school holidays and reopened for the first day of school this term. Some additional pedestrian fencing and lighting upgrades will follow these works at a later date this year.

3.1 Current Works



Photo: Coronation Drive pedestrian crossing

Airport Carpark

Some delays were experienced on this project due to untimely rainfall onto the natural excavated surfaces which resulted in the need for stabilisation of soft and wet areas with slaked lime. The subsequent pavement layers have since been installed. The roads crew has left site for Ploughmans Lane, whilst Council electricians install underground conduits for solar panels and lighting in preparation for the shade structure subcontractor to install footings. Installations of kerbs and sealing of the carpark can occur once the footings have been installed.

Concrete and Drainage

Footpath Construction

- Dalton Street – Clinton Street to Burrendong Way (southern side) was completed.
- Turquoise Street – Diamond Drive to Moonstone Drive (northern side) was completed.

Footpath Rehabilitation

- Autumn Street – March Street to Dalton Street (western side) was completed.
- Hill Street – March Street to Prince Street (western side) was completed.
- Prince Street – Clinton Street to Sampson Street (northern side) was commenced.
- Nile Street – Byng Street to Summer Street East (eastern side) was commenced.

3.1 Current Works

WATER SUPPLY SERVICES

The type and number of water supply service responses by maintenance staff are shown in the table below.

Category	July 2019 – June 2020	September 2020
Water - Leak (Meter)	393	29
Water Request - Meters Faulty (incorrect readings)	188	7
Water – No Water Supply	27	2
Water - Pressure	19	3
Water Request – Replace Meter box/lid	57	4
Water quality - Dirty	48	1
Water – Burst Main	70	7
Water – leak (Main, Valve, Hydrant)	226	33
Total Water Requests	1028	86

Construction Works

- Replacing water main valves at Sunny South Crescent, Moulder Street and Matthews Avenue
- New water service connections
 - 26 Cox Ave – 20mm and 25mm diameter
 - Bloomfield Sporting Fields – 100mm diameter
 - 29 Clem McFawn Place – 20mm diameter
 - 231 McLachlan Street – 32mm diameter

Smart Water Meters

Works are continuing on the smart water meter program with the on boarding of businesses to commence soon. Council has ordered additional water meters to continue the roll out of this program.

Autumn Street Water Main Renewal

Works are progressing on the renewal of the Autumn Street 100mm diameter UPVC water main renewal. Works have been completed between Icely Road and Summer Street with the section between Summer Street and Byng Street on hold whilst works are completed on McNamara Street water main renewal.

3.1 Current Works

McNamara Street Water Main renewal

Works have commenced on the renewal of the McNamara Street water main between Summer Street and Kite Street. Work is being undertaken at night in order to minimise the impact on businesses nearby.

The work involves the renewal and relocation of the existing 100mm diameter water main that is located in the middle of McNamara Street with a larger 150mm diameter UPVC water main to be located within the footpath on the western side of McNamara Street. This work is expected to be completed by the 13 November 2020 weather permitting.

**SEWER SERVICES**

The type and number of sewer service responses by maintenance staff are shown in the table below.

Category	July 2019 – June 2020	August 2020
Sewer Choke - Blockages	423	36
Sewer Complaint - Odour	20	0
Sewer Complaint - Overflow	163	29
Total Sewer Requests	606	65

3.1 Current Works

Sewer Construction Works

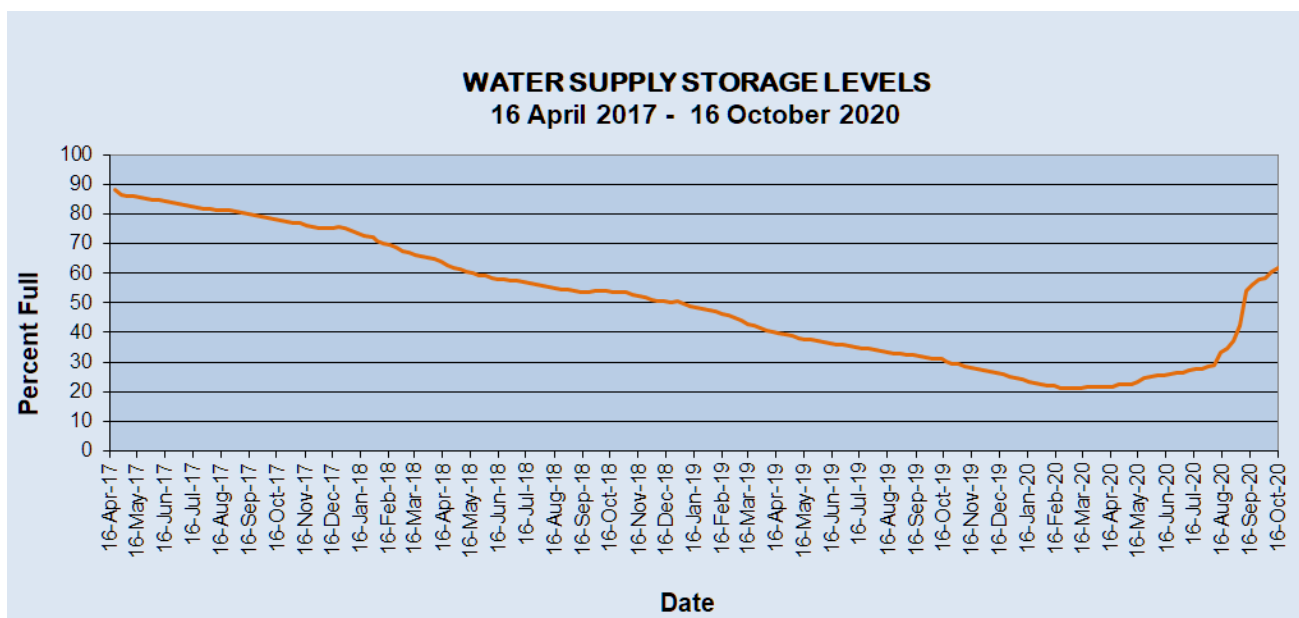
- New Sewer manhole at 47 Kite Street Orange
- New Sewer Junctions at 26 Cox Ave and 26 Edward Street
- New Sewer Maintenance Shaft at 29 Clem McFawn Place

Sewer Relining Program 2020 / 2021

All works have been completed on the relining of the sewer main with Junction sealing to the property connections currently underway. All works are expected to be finalised by Christmas 2020.

WATER SUPPLY SECURITY**Water Storage Levels**

Water storage trends for the combined storages from 16 April 2017 to 16 October 2020 are shown in the graph below.



Location	Level Below Spillway (mm)	% of Capacity
Suma Park Dam	6,515	53.62%
Spring Creek Dam	0	100%
Lake Canobolas	0	100%
Gosling Creek Dam	0	100%

As at Friday 23 October, Suma Park Dam has reached 53.62% and Spring Creek Dam is overflowing with the combined storage being 62.40%.

Instantaneous flow into Suma Park Dam at the time of writing was approximately 4 ML/day.

3.1 Current Works

Supplementary Raw Water Sources

Extractions from the supplementary raw water supplies in recent months are provided in the table below.

Raw Water Source	July 2020 (ML)	August 2020 (ML)	September 2020 (ML)	Total (ML) 2020/2021
Bores*	11.98	8.34	10.17	30.49
Stormwater	111.94	177.90	137.85	427.69
Macquarie River	192.70	208.12	145.11	545.93
Total	316.62	394.36	293.13	1004.11

* Bores include two at Clifton Grove and two at the Showground/Margaret Street

A more detailed monthly summary of raw water transfers can be found on Council's website at <https://www.orange.nsw.gov.au/water/oranges-water-supply/>

The Decision Support Tool (DST) quarterly review was conducted 6 October 2020. All available supplementary raw water sources are to remain operational. The next review will be for the third quarter and is planned for January 2020.

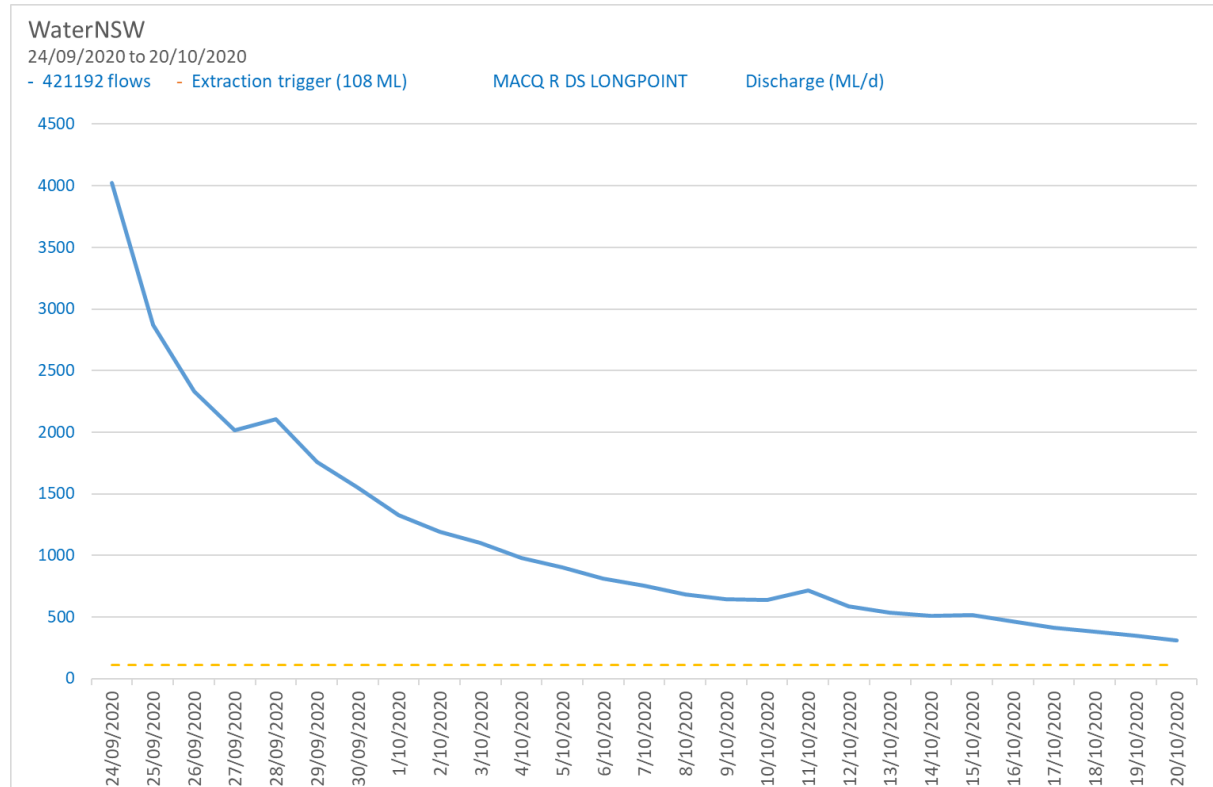
The independent environmental audit continues to be conducted against requirements of the Macquarie Pipeline project approval and other aspects of the Orange City Council Operation Environmental Management Plan for the Orange Raw Water Supply System.

Macquarie River Flows

The flows in the Macquarie River monitored downstream of Long Point (Station 421192) remained above the flow rate trigger of 108 ML/d for the whole of the period of 24 September to 20 October 2020 and continuing. The maximum flow of 4,023 ML/day was on 24 September and steadily fell over the period to a flow rate of 310 ML/day on 20 October 2020.

The data for the chart below was sourced from the WaterNSW website with flows presented in Megalitres per day (ML/d).

3.1 Current Works

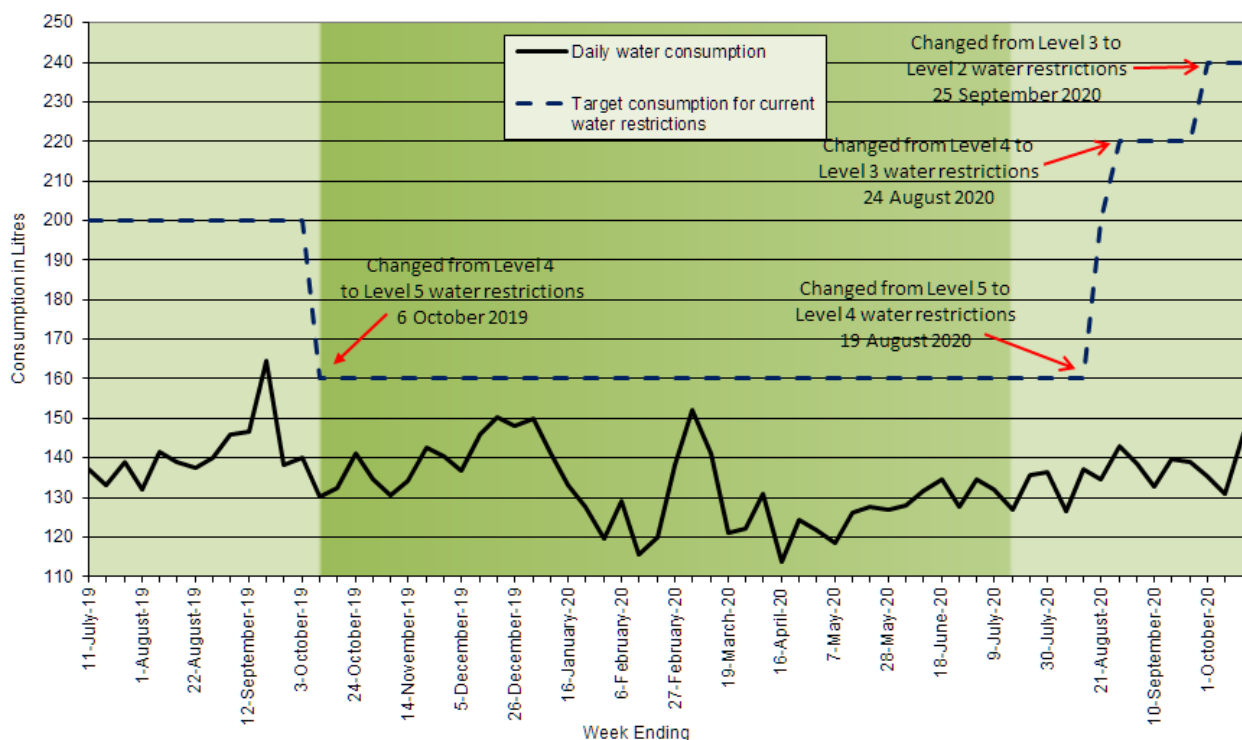


Demand Management

Residential water use

Average daily residential water consumption during the week ending 16 October 2020 was **142 litres per person per day**. The graph below shows the average daily residential water consumption trends since July 2019.

Daily Water Consumption 11 July 2019 - 15 October 2020



3.1 Current Works

Total water use

The average daily city-wide water consumption for the period 24 September to 15 October 2020 was 8.8 ML/day.

Water Restrictions

Council has consciously maintained a minimum Level 2 Water Restriction since August 2010 despite combined storage reaching 100% twice during this time-period.

Council resolved at its meeting of 20 October 2020 *“to adopt Permanent Water Saving Standards and that these standards correspond to the current Level 2 Water Restrictions Framework with the removal of a timed period for car washing”*.

Under the new Water Restrictions Framework, Orange will remain on Level 2 Water Restrictions until the combined storage reaches 80% after which we will move into Permanent Water Saving Standards.

Council’s communications team will prepare an awareness campaign to inform the community about the implementation of these standards.

DRINKING WATER QUALITY

Water samples are collected as a component of Orange City Council’s Drinking Water Quality Monitoring Program in accordance with NSW Health requirements. Samples are collected regularly and sent to a NSW Government National Association of Testing Authorities (NATA) accredited laboratory for analysis. Samples collected in September 2020 complied with the Australian Drinking Water Guidelines health targets.

WATER SUPPLY AND SEWERAGE MAJOR PROJECTS

Spring Creek to Icely Road Water Treatment Plant Water Security Pipeline

All civil work has been completed on this project with the exception of final commissioning by Council staff which is anticipated being completed within the next week. There is however some minor rehabilitation required over the pipeline route.

Shiralee Creek Gravity Sewer

The contractor has not made the progress expected over the last few weeks as a result of wet weather. The contractor has also claimed that wet weather has hampered his ability to undertake the required rehabilitation in Ken Rawle Park and Pilcher Park. Council staff have expressed concern to the contractor that this rehabilitation is a high priority.

Council is also in discussions with the contractor on some quality related items with a view to their rectification before practical completion of the project is given.

OTHER MAJOR PROJECTS

Whiteway Lighting

Anson Street lights were energised on Friday 23 October. It is anticipated that the Summer Street lights will be energised on 30 October 2020. Following this, decommissioning of the pre-existing lighting will be undertaken in consultation with business houses.

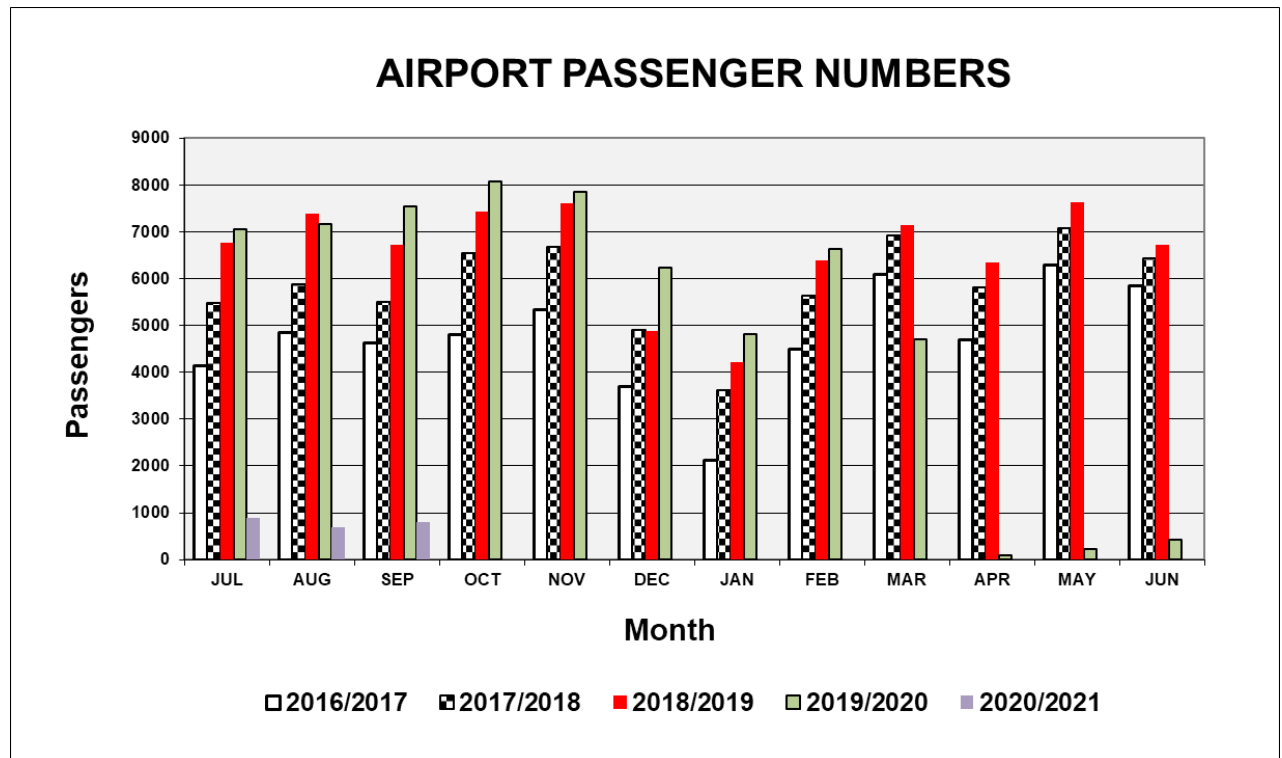
3.1 Current Works

AIRPORT ENERGY USAGE

Energy used at the airport during September 2020 was 17,743.52 kWh at a cost to Council of \$1,577.37.

AIRPORT PASSENGER NUMBERS

Passenger numbers for September 2020 were 799 compared with 7,545 in the same month in 2019. This figure now includes passenger numbers from QantasLink.

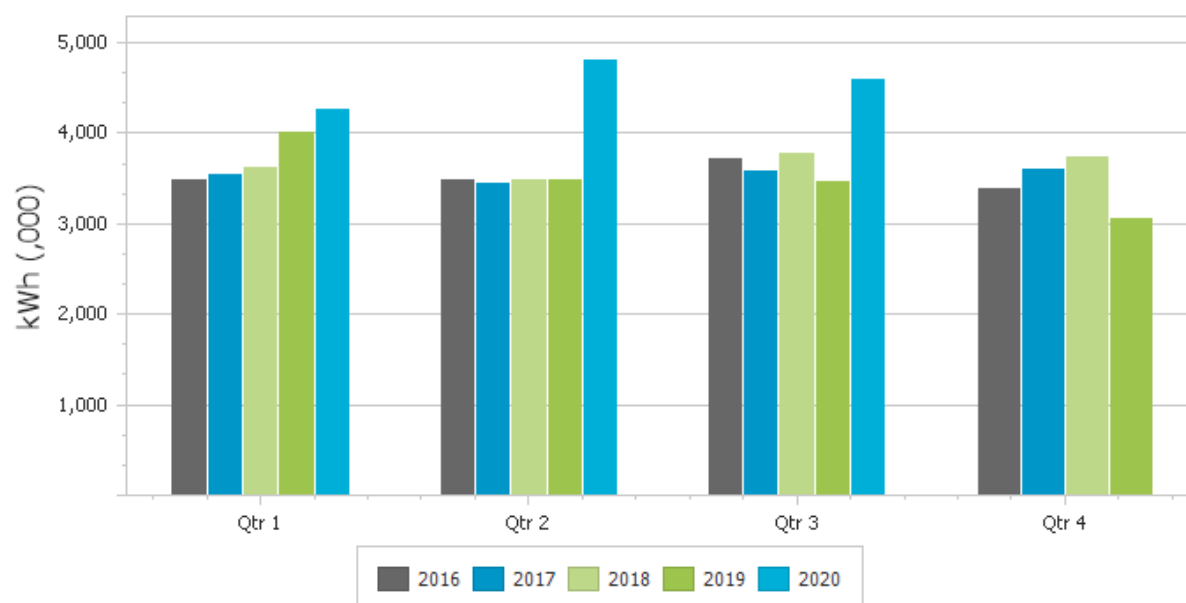


3.1 Current Works

ENERGY USE

The following information is sourced from E21, Council's energy software.

Consumption History



History Last 12 Months

Group	Consumption (kWh)	CO2 Emissions (t)	Bill (Ex GST)
Parks & Gardens	195,766	176	\$64,220
Water	4,405,868	3,965	\$943,848
Public Buildings & Facilities	2,923,723	2,631	\$666,817
Lighting	2,269,045	2,042	\$704,847
Other	337,095	303	\$88,072
Sewer	3,669,510	3,303	\$711,786
Macquarie Pipeline	4,237,990	3,814	\$761,447
Ungrouped	0	0	\$0
RFS	386,656	348	\$134,564
Total	18,425,653	16,583	\$4,075,600

Friday 23 October 2020