



INFRASTRUCTURE POLICY COMMITTEE

AGENDA

3 MARCH 2022

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** on **Thursday, 3 March 2022**.

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Administration on 6393 8106.

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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 EXTRAORDINARY - CITY OF ORANGE TRAFFIC COMMITTEE - ELECTRONIC MEETING

RECORD NUMBER: 2022/224

AUTHOR: Ian Greenham, Director Technical Services

EXECUTIVE SUMMARY

The City of Orange Traffic Committee held an electronic meeting on 18 February 2022 and the recommendation from that meeting is 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

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

- 1 That Council acknowledge the reports presented to the City of Orange Traffic Committee at its electronic meeting held on 18 February 2022.**
- 2 That Council determine recommendation 2.1 from the minutes of the electronic meeting of the City of Orange Traffic Committee meeting of 18 February 2022.**
 - 2.1 That Council approve the bus zone time changes, as per Figure 1 of this report, apart from Coronation Drive outside of Orange High School (as this is no longer a bus zone).**
- 3 That the remainder of the minutes of the City of Orange Traffic Committee at its meeting held on 18 February 2022 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 Minutes of the Meeting of the City of Orange Traffic Committee held on 17 February 2022**

ATTACHMENTS

- 1 COTC - Electronic Meeting - Agenda, D22/9214 [↓](#)

ORANGE CITY COUNCIL

MINUTES OF THE

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE

MEETING HELD ELECTRONICALLY

1 INTRODUCTION

ATTENDANCE

Cr T Mileto (Chairperson), Ms Kylie Buckenhofer, Sgt Adam Cornish, Sgt Peter Foran, Chief Inspector David Harvey, Mr Kel Gardiner

***** This meeting was held out of session with members being circulated a copy of the agenda. Feedback and voting was provided out of session via email for this meeting.*****

1.1 Apologies and Leave of Absence

Nil

1.2 Acknowledgement of Country

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

Nil

2 GENERAL REPORTS

2.1 16 CITIES BUS ZONE TIME EXTENSIONS

TRIM REFERENCE: 2022/167

RECOMMENDATION

Cr T Mileto/Chief Insp D Harvey

That Council approve the bus zone time changes as per Figure 1 of this report, apart from Coronation Drive, outside of Orange High School (as this is no longer a bus zone).

***** Endorsement of this recommendation was received from Cr Tony Mileto (Chairperson), Chief Inspector David Harvey,*****



EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE

AGENDA

ELECTRONIC

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that a **EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE MEETING of ORANGE CITY COUNCIL** will be held as an **ELECTRONIC MEETING**.

David Waddell

CHIEF EXECUTIVE OFFICER

For apologies please contact Jason Theakstone on 6393 8505.

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EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE**17 FEBRUARY 2022**

1 INTRODUCTION**MEMBERS**

Cr T Mileto (Chairperson), Ms Kylie Buckenhofer, Sgt Adam Cornish, Sgt Peter Foran, Chief Inspector David Harvey, Mr Kel Gardiner, Chief Executive Officer, Director Technical Services, Manager Development Assessments, 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 Traditional Custodians of the land on which we meet today, the people of the Wiradjuri Nation. I pay my respects to Elders past and present, and extend those respects to Aboriginal Peoples of Orange and surrounds, and Aboriginal people here with us today.

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.

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE**17 FEBRUARY 2022**

2 GENERAL REPORTS**2.1 16 CITIES BUS ZONE TIME EXTENSIONS**

RECORD NUMBER: 2022/167

AUTHOR: Jason Theakstone, Manager Engineering Services

EXECUTIVE SUMMARY

Transport for NSW (TfNSW) are rolling out a 16 Cities program which is a commitment to improving public transport services throughout regional NSW. As part of this program, TfNSW would like to extend the time zones of existing bus zones.

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

TfNSW to pay full cost of the sign replacement.

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That Council approve the bus zone time changes as per Figure 1 of this report.

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

TfNSW would like to extend the time zones of 13 existing bus zones, some to full time bus zones as part of its 16 Cities project. At present the 13 bus zones deliver 270 daily services. The proposed changes, by extending to a full time zone, will deliver 423 daily services.

The first and last bus in the existing service within Orange is 6.40am and 7.40pm respectively. The proposed network changes will extend those times slightly to 6.15am and 8.15pm.

The following bus stop locations are recommended to be changed to full time bus zones with details annexed to this report.

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE

17 FEBRUARY 2022

2.1 16 Cities Bus Zone Time Extensions

Location Description	Issue Description
Peisley St opp Orange Rail Station	Although a TSN is listed there is no bus stop or bus zone. Important for station connectivity. Consideration also pedestrian crossing infrastructure. Council has sought funding for this stop but shows the location outside Aldi, north of Kite Street. Consideration should be given to at least install bus zone signs at the location in advance of the new network going live.
Outside Orange High School, Woodward St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Woodward St opp Orange High School	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Farrell Rd before Diamond Dr, North Orange	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Outside James Sheahan High School, Anson St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions) (part of zone only).
Outside Anson St School, Anson St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Outside Calare Public School, Frost St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Outside Orange High School, Coronation Dr	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Summer St at Sale St (eastbound)	There is a Monday to Saturday time restriction on the bus zone sign. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Summer Centre, Summer St after Sale St (westbound)	There is a time restriction on the bus zone sign. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).
Summer St, Orange City Centre	Amend times to read Mon-Sat 06:00 - 21:00, Sunday 08:00 - 19:00 or preferably have it as a full time bus zone. This would minimise future disruption if demand warranted further extensions to the temporal span.
Summer St before Lords Pl, Orange Central Square	Amend times to read Mon-Sat 06:00 - 21:00, Sunday 08:00 - 19:00 or preferably have it as a full time bus zone. This would minimise future disruption if demand warranted further extensions to the temporal span.
Summer St before Lords Pl (Canobolas Hotel)	To be checked for time restrictions (street view Nov 2020 shows unrestricted). Council did make representations to have time restrictions put on it. If that is still desired, add times that read Mon-Sat 06:00 - 21:00, Sunday 08:00 - 19:00, otherwise leave as an unrestricted bus zone. This would minimise future disruption if demand warranted further extensions to the temporal span.

Figure 1

Considering the proposed locations are not outside residential houses, minor lengthening to the network times and the extra 153 services stops generated by these changes, it is recommended Council approve the changes to the bus zone times.

ATTACHMENTS

1 16 Cities - Time Zones of Existing Bus Zones, D22/8785

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE

17 FEBRUARY 2022

Attachment 1 16 Cities - Time Zones of Existing Bus Zones

TSN	Location Description	Issue Description	Existing Network (weekday)					New Network (weekday)					Notes
			Route No(s)	First Service	Last Service	Daily Services	Headway (mins)	Route No(s)	First Service	Last Service	Daily Services	Headway (mins)	
280063	Peisley St opp Orange Rail Station	Although a TSN is listed there is no bus stop or bus zone. Important for station connectivity. Consideration also pedestrian crossing infrastructure. Council has sought funding for this stop but shows the location outside Aldi, north of Kite St. Consideration should be given to at least install bus zone signs at the location in advance of the new network going live.	537	7:00	19:10	15	30-60	530 535 540	6:20	20:11	32	<30	Part of new north south high frequency corridor + from Blayney & Millthorpe
280039	Outside Orange High School, Woodward St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	536	6:40	15:50	3	ad hoc	536 539	6:40	18:05	10	60	
280057	Woodward St opp Orange High School	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	536	8:20	9:30	2	ad hoc	536 539	7:25	18:25	10	60	
Unassigned	Farrell Rd before Diamond Dr, North Orange	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	538	8:40	17:35	9	60	533	7:00	17:00	9	60	
Unassigned	Outside James Sheahan High School, Anson St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions) (part of zone only).	534	7:30	19:25	12	60-120	530 534 535 540	6:15	20:05	32	<30	Part of new north south high frequency corridor
Unassigned	Outside Anson St School, Anson St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	Not on a current route. Existing services travel on the opposite side of Anson St.					530 535 541 584	6:20	19:50	36	<30	Part of new north south high frequency corridor
2800110	Outside Calare Public School, Frost St	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	534	7:35	19:30	12	60-120	534	7:25	12:00	4	60	
Unassigned	Outside Orange High School, Coronation Dr	School times are marked on the bus zone signage. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	Not on a current route					537	7:25	17:55	7	120	
280033	Summer St at Sale St (eastbound)	There is a Monday to Saturday time restriction on the bus zone sign. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	534 535 535A 536	7:25	19:35	30	variable	534 536 537 539 584	7:10	19:40	30	30	
280047	Summer Centre, Summer St after Sale St (westbound)	There is a time restriction on the bus zone sign. Recommend alteration to be a full time bus zone (i.e. without any time restrictions).	534 535 535A 537	6:40	19:15	27	variable	534 536 537 539 584	6:40	20:00	30	30	
280017	Summer St, Orange City Centre	Amend times to read Mon-Sat 06:00 - 21:00, Sunday 08:00 - 19:00 or preferably have it as a full time bus zone. This would minimise future disruption if demand warranted further extensions to the temporal span.	Multiple	6:45	19:15	62	<15	Multiple	6:20	20:15	62	<15	
28007	Summer St before Lords Pl, Orange Central Square	Amend times to read Mon-Sat 06:00 - 21:00, Sunday 08:00 - 19:00 or preferably have it as a full time bus zone. This would minimise future disruption if demand warranted further extensions to the temporal span.	Multiple	7:10	19:15	35	<30	Multiple	6:15	20:10	83	<15	
280010	Summer St before Lords Pl (Canobolas Hotel)	To be checked for time restrictions (street view Nov 2020 shows unrestricted). Council did make representations to have time restrictions put on it. If that is still desired add times that read Mon-Sat 06:00 - 21:00, Sunday 08:00 - 19:00, otherwise leave as an unrestricted bus zone. This would minimise future disruption if demand warranted further extensions to the temporal span.	Multiple	7:10	19:40	63	<15	Multiple	6:20	20:40	78	<15	

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE
Attachment 1 16 Cities - Time Zones of Existing Bus Zones

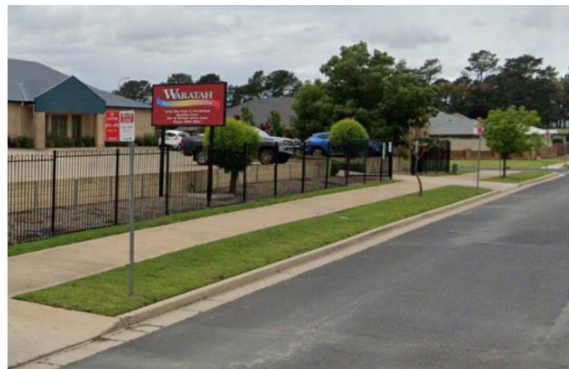
17 FEBRUARY 2022



280063 Peisley Street opp station



Unassigned Anson Street School



Unassigned Farrell Rd, North Orange



Unassigned, James Sheahan High School, Anson St

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE
Attachment 1 16 Cities - Time Zones of Existing Bus Zones

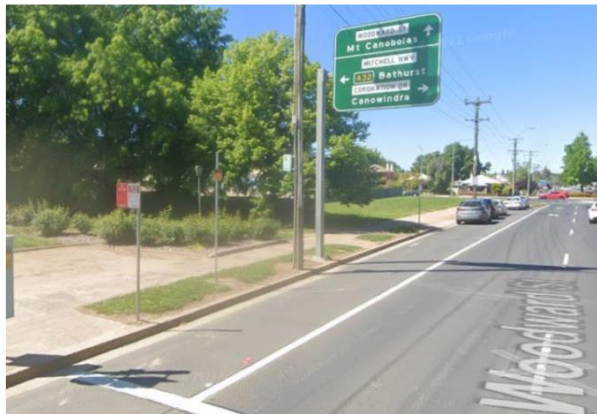
17 FEBRUARY 2022



2800110 Calare Public School, Frost St



280039 Orange HS, Woodward St



280057 Opp Orange HS, Woodward St



Unassigned, Coronation Dr, Orange HS

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE

17 FEBRUARY 2022

Attachment 1 16 Cities - Time Zones of Existing Bus Zones



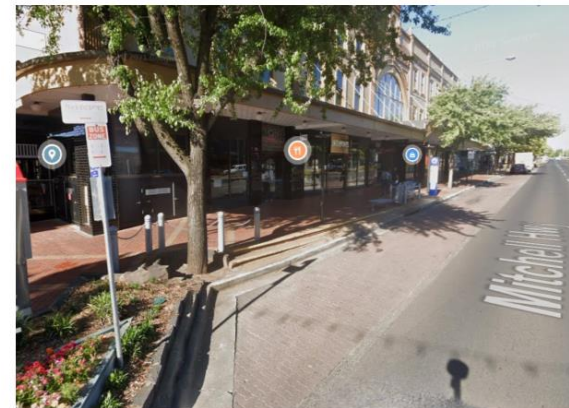
280033 Summer St before Sale St



280047 Sumer St after Sale St



280017 Summer St, Orange City Centre



28007 Summer St before Lords Pl, Orange Central Square

EXTRAORDINARY CITY OF ORANGE TRAFFIC COMMITTEE

17 FEBRUARY 2022

Attachment 1 16 Cities - Time Zones of Existing Bus Zones



280010 Summer St before Lords Pl (Canobolas Hotel)

3 GENERAL REPORTS

3.1 CURRENT WORKS

RECORD NUMBER: 2022/36

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

Above average rainfall for November and December contributed to accelerated and widespread formation of potholes across the city, requiring the full time attention of Council’s maintenance crews.

Gravel roads grading was undertaken in the latter half of December by Council’s Road construction crew on:

- Commins Road;
- Falvey Road;
- Windsor Road;
- Blunt Road.

3.1 Current Works

Road Upgrading

Southern Feeder Road Stage 3

Line marking work was completed and the new intersection with Bathurst Road was opened to traffic. At the request of Transport for NSW, a 60km/hr roadworks speed limit remains on the highway whilst a post-project safety evaluation is considered.



Photo – SFR3 intersection with Bathurst Road. Official opening party in the foreground on the old Dairy Creek Road alignment.

Beasley and Blunt Road

Council crews completed upgrades to the intersection of Beasley Road and Blunt Road. These upgrades included improving intersection sight distance and widening the road. This project is the first stage of an upgrade to Beasley Road that will extend from these works, north to the Bathurst Road intersection at Lucknow.



Photo – Beasley Road upgrade at Blunt Road intersection prior to linemarking

3.1 Current Works

Ophir Road Safety Upgrades

Council crews commenced work on Stage 1 of the upgrading of Ophir Road between the first and second crossing. Due to the presence of Naturally Occurring Asbestos, a full road closure has been implemented.



Photo – Ophir Road looking north from Banjo Paterson to 2nd crossing

Asphalt resurfacing

Asphalt resurfacing was undertaken by Council's contractors at the following locations:

- Moulder Street – Hill Street to Clinton Street
- Byng Street – Sampson Street to Woodward Street
- Lords Place – Parking Lane outside of Robertson Park
- Anson Street – From Margaret Street to Matthews Avenue

Traffic Facilities

Dalton and Sampson Street

Work on the raised platform and change of priority at the Dalton and Sampson Streets intersection was completed by Council staff and contractors. This project was a safety improvement funded under the Federal Government's National Blackspot Scheme. Work was also undertaken concurrently to change the priority of the Dalton and Clinton Streets intersection in favour of Dalton Street.

3.1 Current Works



Photo – Dalton and Sampson Street intersection

Concrete and Drainage

Footpath Construction

Work was completed on new footpaths and shared cycle paths on:

- The Escort Way - between Wirrabarra Walk and Ploughmans Lane.
- Ploughmans Lane - between The Escort Way and Riawena Oval.
- Park Street - between March Street and Byng Street.
- Anson Street - from the Southern Feeder Road to the existing footpath outside of James Sheehan Catholic High School.

Work has commenced, or continued, on new footpaths and footpath reconstructions at:

- Park Street - from Icely Road to Byng Street.
- Molong Road - from the pedestrian refuge to the NDR.
- Summer Street East - McLachlan Street to Bathurst Road.

Drainage

Contractors have commenced Council's annual CCTV inspections of its drainage network to update network condition data for the Drainage Asset Management Plan. Currently Council inspects approximately 5% of its network per annum.

3.1 Current Works



Photo – Park Street footpath

WATER SUPPLY SERVICES

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

Category	July 2020 – June 2021	January 2022
Water - Leak (Meter)	327	22
Water Request - Meters Faulty (incorrect readings)	73	0
Water - No Water Supply	44	2
Water – Pressure	37	2
Water Request - Replace Meter box/lid	63	3
Water quality – Dirty	53	7
Water - Burst Main	85	5
Water - leak (Main, Valve, Hydrant)	285	21
Total Water Requests	967	62

Construction Works

CBD Water Main Renewal/Upgrades

Planning works are currently underway for future stages with final scope of works yet to be determined.

3.1 Current Works

Moulder Street Water Main Renewal

Works have commenced on the renewal of approximately 1.5km of 150mm diameter water main along Moulder Street, between Woodward Street and Peisley Street. These works involve the renewal of the existing water main with a 150mm diameter OPVC material and renewal of property water connections where required.

Dalton Street Water Main Renewal

Council is currently ordering materials for the renewal of the 100mm diameter water main in Dalton Street, between McLachlan Street and Spring Street. These works are expected to commence in March 2022 to allow for road renewal works to occur later in the year.

Clergate Road Water Main

Council has installed the 200mm and 150mm water main to the new subdivision on Clergate Road with the replacement of the 300mm Truck Main to commence in April 2022.

Water Services

Installation of new water services at the following locations:

- 173 Lords Place upgrade of existing water connection to 32mm and 100mm fire service
- 94 March Street - 40mm new water service
- 78 Forbes Road - two x 20mm water service connections
- 49 Hill Street - 32mm water service
- Cargo Road - 4 Dual 20mm water service connection
- 10 Lilly Pilly - 20mm water service
- 22 Buckland Drive - 20mm dual water service
- 50 Silverdown Way - new 20mm water service

Renewal of water services at the following locations:

- 39 Maxwell Avenue - 20mm water service renewal
- 3 Barrett Court - 20mm water service renewal
- 40 Clinton Street - 20mm water service renewal
- Nile Street - 20mm water service renewal

SEWER SERVICES

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

Category	July 2020 – June 2021	January 2022
Sewer Choke - Blockages	314	24
Sewer Complaint - Odour	23	2
Sewer Complaint - Overflow	192	9
Total Sewer Requests	529	35

3.1 Current Works

Sewer Construction Works

- 78 Forbes Road - two new sewer junctions
- 22 Cecil Road - new sewer connection
- 10 Lilly Pilly - new sewer junction
- 22 Buckland Drive - new sewer connection
- 171 McLachlan Street - new sewer connection

Sewer Relining

Council Sewer Relining Program is nearing completion with the contractor expected to complete works in February 2022. The contractor has relined approximately 3,249m of 150mm and 225mm diameter sewer mains and sealed approximately 159 sewer property connections.

Sewer Reconstruction

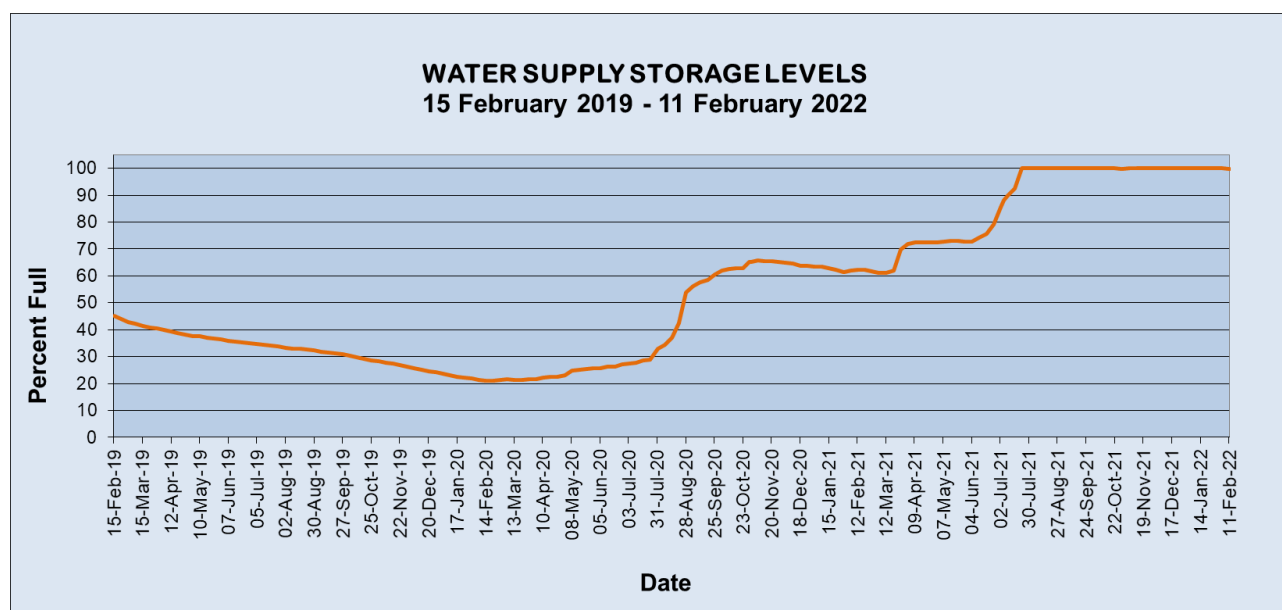
Sewer reconstruction works were carried out at the following locations:

- Newman Park - sewer reconstruction
- 2 Richards Place - sewer connection reconstruction
- 226 Byng Street - sewer connection reconstruction
- 170 Byng Street - sewer connection reconstruction
- 345 Anson Street - sewer connection reconstruction

WATER SUPPLY SECURITY

Water Storage Levels

Water storage trends for the combined storages from 15 February 2019 to 11 February 2022 are shown in the graph below.



3.1 Current Works

Location	Level Below Spillway (mm)	% of Capacity
Suma Park Dam	0	99.54%
Spring Creek Dam	0	100%
Lake Canobolas	0	100%
Gosling Creek Dam	0	79.37%

Supplementary Raw Water Sources

Extractions from the supplementary raw water supplies in recent months are provided in the table below. The 'Total' column is the water year being 1 July to 30 June.

Raw Water Source	November 2021 (ML)	December 2021 (ML)	January 2022 (ML)	Total (ML) 2021/2022
Bores*	7.97	7.61	6.24	56.92
Stormwater	0.00	0.00	0.00	8.61
Macquarie River	0.00	0.00	0.00	0.00
Total	7.97	7.61	6.24	65.53

* 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/>

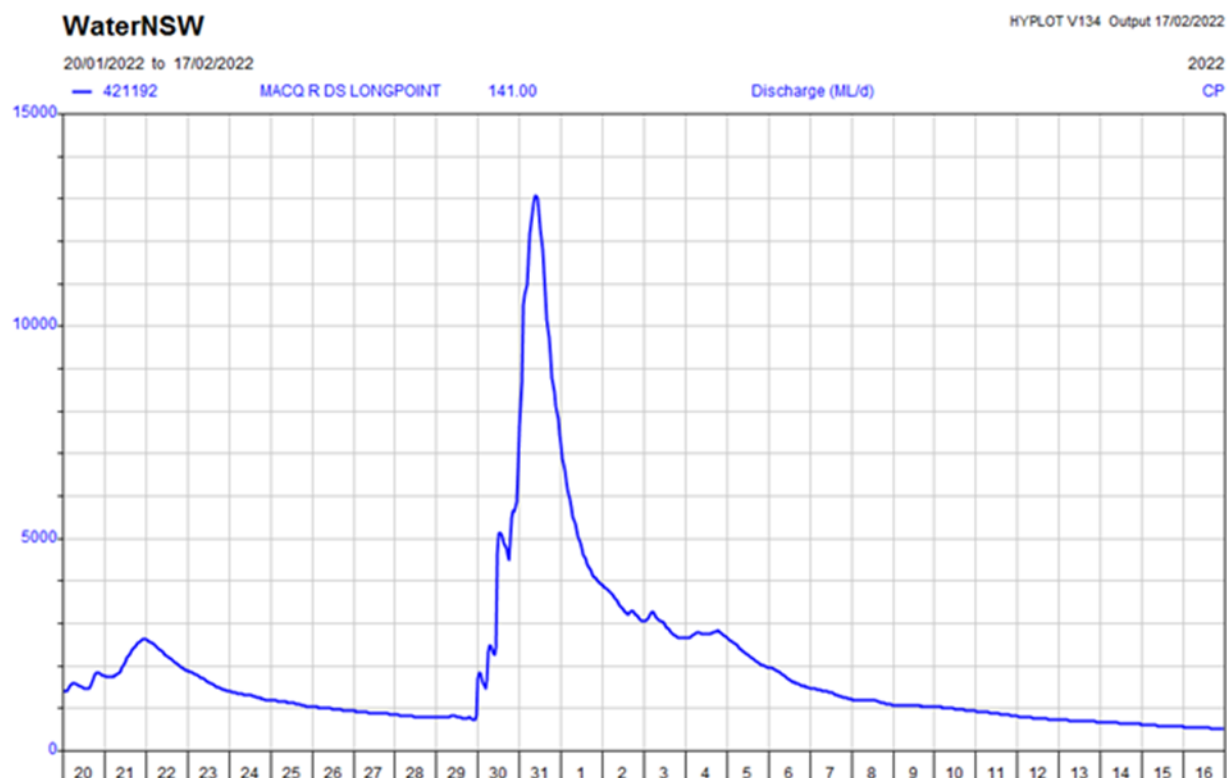
The Decision Support Tool (DST) quarterly review was conducted during January 2022 with the forecast for wet conditions. With the storages now being at 100% capacity no external sources of water are currently required. The Macquarie River pumps have been serviced and were reinstalled in mid-February 2022.

Macquarie River Flows

The flows for the period 20 January to 16 February 2022 in the Macquarie River monitored downstream of Long Point (Station 421192) are presented below. High flows continued through the period being above the extraction trigger value of 108 ML/d with a minimum flow rate of approx. 544 ML/d on 16 February 2022. A maximum flow rate of approx. 10,520 ML/day occurred on 1 February 2022.

3.1 Current Works

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



Demand Management

Residential water use

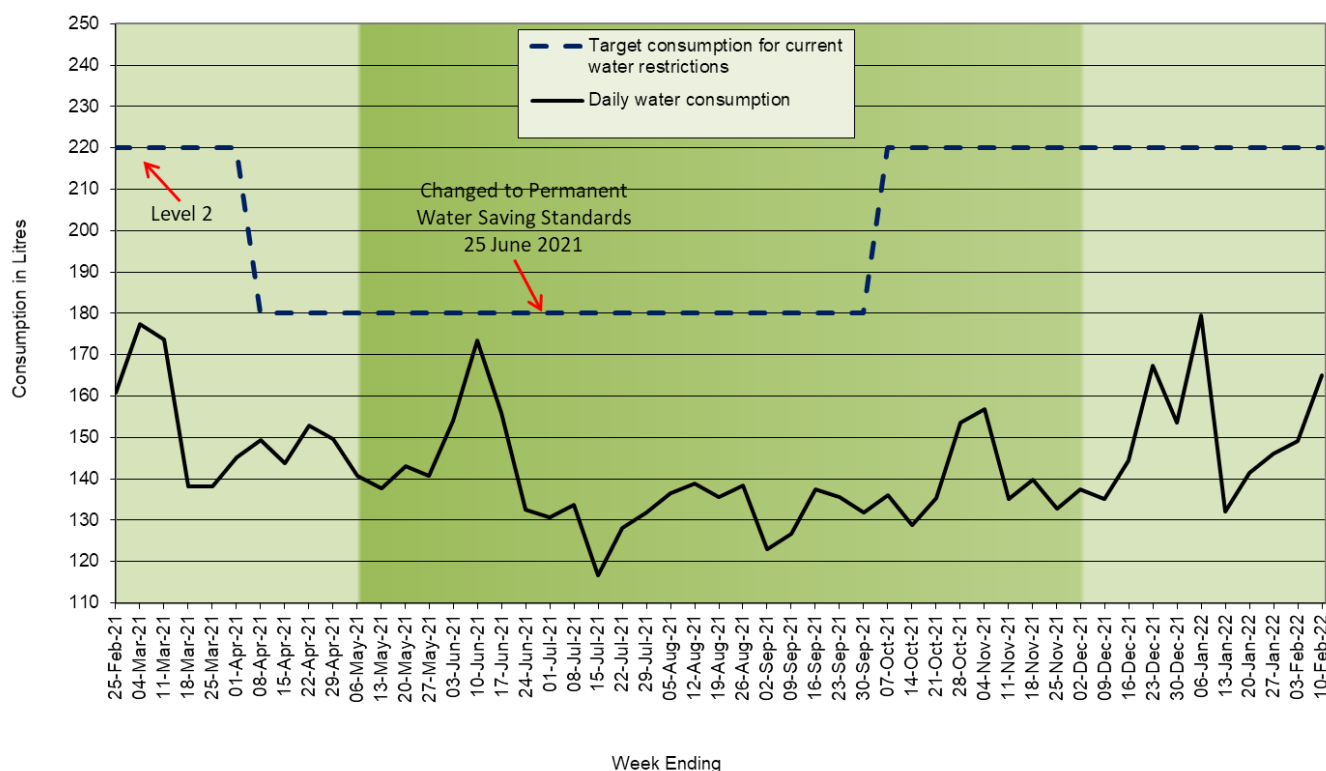
Permanent Water Saving Standards came into effect on Friday 25 June 2021.

Average daily residential water consumption during the week ending 11 February 2022 was 150 litres per person per day.

The graph below shows the average daily residential water consumption trends since February 2021.

3.1 Current Works

Daily Water Consumption 11 February 2021 - 10 February 2022



Total water use

The average daily city-wide water consumption for the period 14 February 2022 to 10 February 2022 was 9.7 ML/day.

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 NSW Government National Association of Testing Authorities (NATA) accredited laboratory for analysis. Water quality for October, November, December 2021, and January 2022 complied with the Australian Drinking Water Guidelines health targets.

WATER SUPPLY AND SEWERAGE MAJOR PROJECTS

East Orange Harvesting Wetlands

The detailed design plans and specifications developed by consultants Premise are complete with some minor electrical additions required from an external electrical consultant pending further discussions with Essential Energy.

Approval from the Natural Resources Access Regulator (NRAR) is still pending with Council making representation to them and the Department of Planning and Environment (DPE) to provide clarifications and satisfy outstanding concerns.

3.1 Current Works

OTHER MAJOR PROJECTS

Future Cities Upgrade – Byng Street and Lords Place

The remaining asphalt works adjacent to Robertson Park was completed last week. The street lights to be placed at the pedestrian crossings on Byng Street and Lords Place have now been certified by Essential Energy and will be installed following a 28 day notification period advising that there will be a power outage to complete the works. As an extra safety measure, Council will also be installing flashing pedestrian lights at each crossing.

The step treads and tactile markers (delineation for sight impaired) for the theatre steps have arrived with Building Services updating their program to schedule the install.

Future Cities Upgrade – McNamara Street

The ramps for both pop-up shops were installed in early December with one of the shops currently being occupied with a retail store. Also, USB chargers have been installed in the new seats. This makes the McNamara Street upgrade complete.



Photo – Occupied “pop-up” shop in McNamara Street with ramp

Line marking in Kite Street and the completion of the public art works, which was delayed due to COVID and the cold weather, is programmed to occur in late February.

3.1 Current Works

SOUTHERN FEEDER ROAD STAGE 4

On 2 November 2021 Council resolved:

- 1 *That Council declines to accept any tender for the Construction of the Southern Feeder Road Stage 4 and Shiralee Collector Road Stage 5 – F3718, as a result of all tender submissions exceeding the available funds for this project and all submissions containing qualifications and non-conformances.*
- 2 *That Council enters into negotiations with each of the contractors that attended the pre-tender meeting with a view to revising the project scope and risk to achieve cost savings to deliver the Southern Feeder Road Stage 4 and Shiralee Collector Road Stage 5 in part or in full.*
- 3 *That Council explores additional funding that may be able to address any shortfall in the construction of the Southern Feeder Road Stage 4.”*

Subsequent proposals have been received from three organisations and these are in the process of being evaluated by Technical Services Staff. It is anticipated that a report will be presented to Council for consideration at the 15 March 2022 meeting of Council.

AIRPORT ENERGY USAGE

Energy used at the airport during:

- November 2021 was 15,429.88 kWh at a cost to Council of \$1,171.00;
- December 2021 was 11,902.11 kWh at a cost to Council of \$891.58;
- January 2022 was 12,526.94 kWh at a cost to Council of \$925.87.

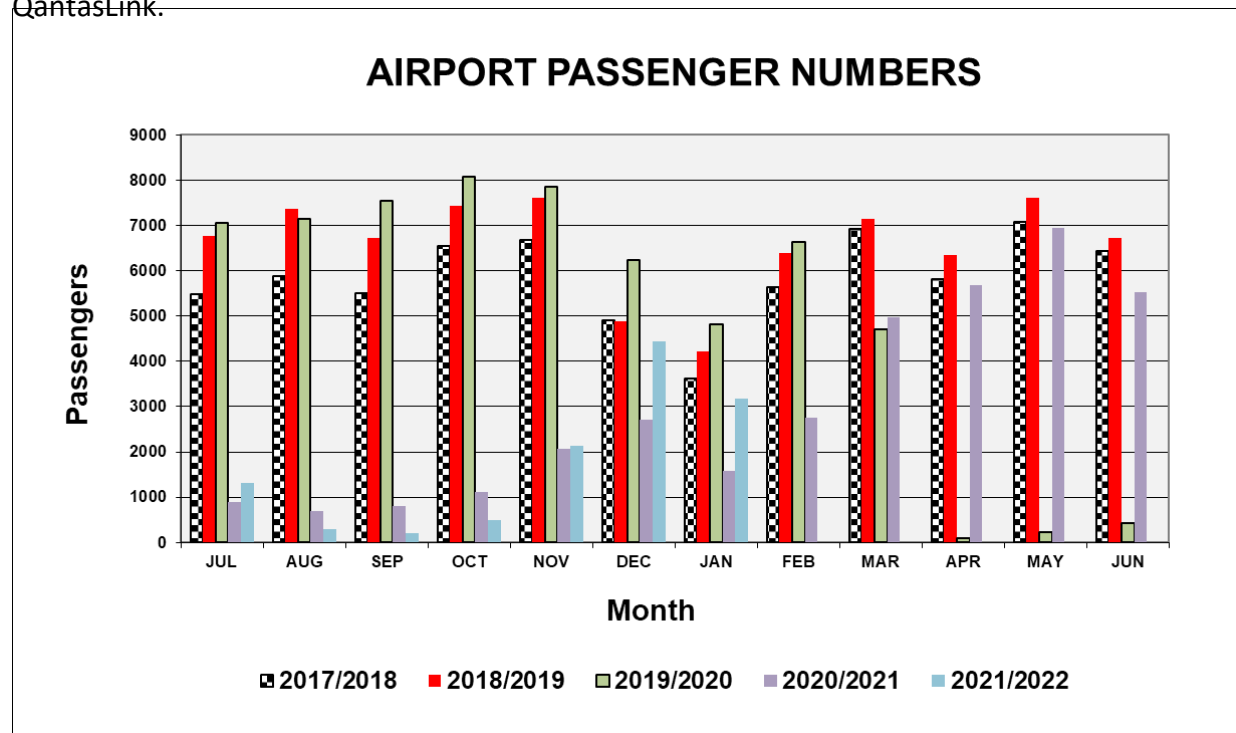
AIRPORT PASSENGER NUMBERS

Passenger numbers during:

- November 2021 were 2,126 compared with 2,065 in the same month in 2020;
- December 2021 were 4,433 compared with 2,714 in the same month in 2020;
- January 2021 were 3,179 compared with 1,571 in the same month in 2021.

3.1 Current Works

These figures include passenger numbers from Regional Express, Corporate Air and QantasLink.

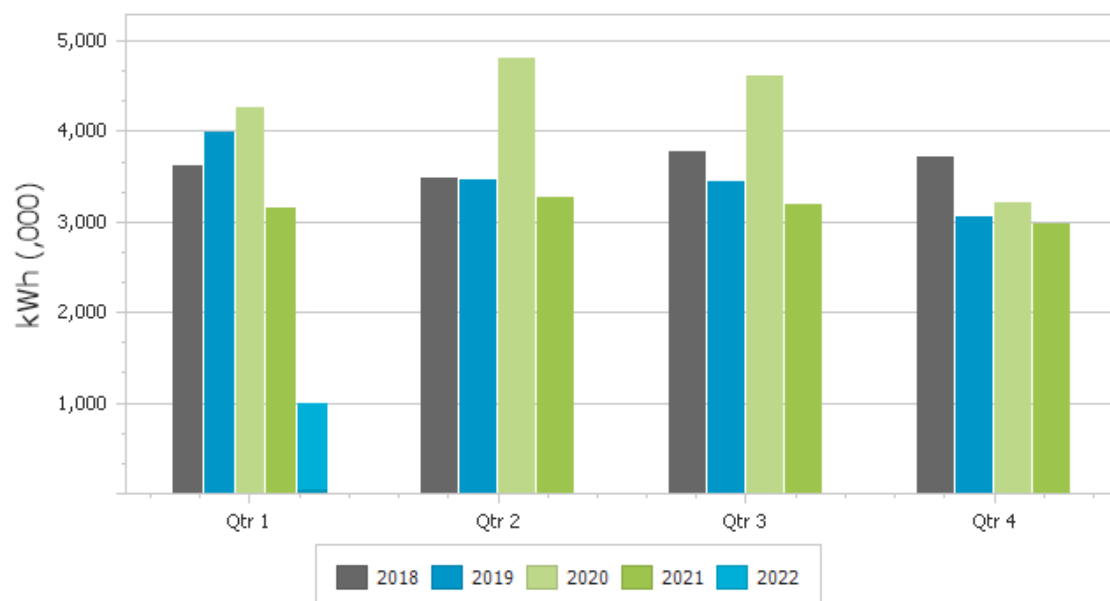


ENERGY USE

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

Consumption History - up to 4 Years

Thursday 17 February 2022



3.1 Current Works

History - Last 12 Months

GROUP	CONSUMPTION (kWh)	CO2 EMISSIONS(t)	BILL (ex GST)
Parks & Gardens	202,360	182	\$59,767
Water	4,881,106	4,393	\$1,021,179
Public Buildings & Facilities	2,758,628	2,483	\$612,539
Lighting	1,821,987	1,640	\$440,195
Other	244,546	220	\$61,522
Sewer	4,241,848	3,818	\$828,891
Macquarie Pipeline	17,784	16	\$24,509
Ungrouped	23,724	21	\$8,146
RFS	169,916	153	\$56,922
Total	14,361,899	12,926	\$3,113,669