

7.5.1 Major Projects Report

Responsible GM: Peter Benazic
Author: James Kelly and Jarrad Unsworth

Recommendation(s)

That Council note the September 2024 Major Projects Report.

Attachments

1. Major projects report - September 2024 [7.5.1.1 - 14 pages]

Executive Summary

As part of the reporting process to Council, this monthly report provides an update of the status of major projects in progress, as at the end of August 2024 when the report was collated.

Background

Projects and updates are included in the attached report

Conclusion

This regular activity report (as attached) is provided for Councillor's information

Please note: the content of this report was correct as at the end August 2024, when it was written.

Recreation Reserves and sporting facilities

Sporting pavilions

Koo Wee Rup Bowls Club – clubroom upgrade

Project description	Proposed demolition of existing clubroom facility and construction of new modular building with facilities for club members and general community including two social rooms, lounge, three community meeting rooms, kitchen, bar servery, two change room areas, office area, toilet facilities, storage area, first aid room, and car parking,
Funding	This project is jointly funded by Council, Victorian and Australian Government agencies.
Timing	Revised delivery timing for this project is November 2024
Update	Construction is progressing well, with a minor delay in the program due to utility authority delays.

Cora Lynn Football Pavilion – clubroom upgrade

Project description	Proposed demolition of existing clubroom facility and construction of new modular building with facilities for club members and general community including home and away change rooms, gym, amenities, first aid, storerooms and umpire rooms plus a standalone timekeeper's box.
Funding	This project is jointly funded by Council and a Victorian Government loan.
Timing	Revised delivery timing for this project is August 2025.
Update	Contracts have been executed with the modular builder. preliminary design is underway in consultation with stakeholders.

Sporting fields

Worrell Reserve – skate park

Project description	Construction of skate park and youth plaza
Funding	Council and the Victorian Government jointly fund this project
Timing	Stage one of project is expected to be completed by the end of 2024.
Update	The tender for this project has been awarded and the site has been handed over to the contractor with works due to commence in September.

Roads

Strategic road sealing program

Council is investing funds to upgrade several strategic roads across the shire to improve transport connections. Approximately 25km of roads across the shire have been identified. including:

- McGregor Road, Soldiers Road and Hobsons Road, Pakenham/Rythdale – project underway
- Dore Road, Pakenham – project underway
- Mount Lyall Road, Lang Lang East
- Huxtable Road, Pakenham Upper
- Bessie Creek Road, Nar Nar Goon North
- Evans Road, Bunyip
- Thewlis Road, Pakenham
- Armytage Road and LL Road, Officer – project complete
- Main Drain Road, Koo Wee Rup – project complete
- Boundary Drain Road, Koo Wee Rup – project complete.

Mt Lyall Road, Heath Hill

Project description	Construction of Mt Lyall Road, Heath Hill, includes pavement, some kerb and channel and underground drainage works.
Funding	This project is jointly funded by Council and the Australian Government's Local Roads and Community Infrastructure Program
Timing	Construction commenced in July. Completion is anticipated in early November
Update	Works are now 60% complete across the entire project with kerb and drainage works 100% complete. The basecourse pavement layer is 90% complete. Sealing is due to commence in coming weeks (weather dependant)

Huxtable Road, Pakenham Upper

Project description	Construction of Huxtable Road, Pakenham Upper, includes pavement, some kerb and channel and underground drainage works.
Funding	This project is fully funded by Council
Timing	Construction scheduled to commence in the 2024-25 financial year, subject to vegetation removal permits being obtained.
Update	<p>The finalisation of the design and environmental permit application has been delayed due to design consultant withdrawing from the project unexpectedly and DEECA changing the cumulative impacts rules for vegetation removal.</p> <p>A new designer has been engaged and full environmental impacts are now expected to be known by the end of October. It is anticipated that this will confirm if a vegetation removal planning permit is required, prior to works being undertaken.</p>

Detailed design of other projects in program

Project description	Detailed designs of Bessie Creek Road, Evans Road, and Thewlis Road
Funding	This project is fully funded by Council
Timing	To be delivered in future years subject to budget allocation
Update	Designs and environmental investigations are continuing for these projects.

Princes Highway intersection upgrades

Eight intersections along the Princess Highway between Beaconsfield and Pakenham have been identified for upgrading through the associated planning schemes. Upgrades identified include amendments to two existing signalised intersections as well as signalising six previously un-signalised intersections. All intersections have been highlighted for additional or extended turn lanes, additional through lanes, bus priority lanes, and shared cycle/pedestrian lanes.

Identified intersections include:

- Bayview Road – under construction
- Tivendale Road – under construction
- Glismann Road – complete
- O’Neil Road – complete
- Brunt Road
- McMullen Road
- Arena Parade

Bayview Road, Officer

Project description	<p>Bayview Road Princes Highway intersection is currently an un-signalised T-intersection. This project will:</p> <ul style="list-style-type: none"> • upgrade the intersection to be a fully signalised crossroad, with the southern leg of Bayview Road being constructed and connecting into the development to the southwest. Ultimately this southern leg will connect to the Monash Freeway via the Officer South Road interchange. • include dual right turn lanes into both legs of Bayview Road, a westbound bus priority lane, off road cycle and pedestrian paths, and car parking alterations along the Princes Highway eastbound lane
Funding	This project is jointly funded by Developer Contributions and the Australian Government
Timing	Majority of civil works complete as of the end of January 2024. Traffic signals switch on will be reliant on power to the site being provided by Ausnet – this date is still unknown
Update	<p>Power has been provided to the site and public lighting has now been activated. Signal meter installation has been booked and traffic light activation is anticipated to occur in late September.</p> <p>Developer works (related to McDonalds) for the install of a right turn lane has commenced.</p>

Tivendale Road, Officer

Project description	The Tivendale Road/Station Street Princes Highway intersection is an existing fully signalised intersection. The upgrade works will increase the capacity of the intersection to handle the increased traffic volumes caused by adjacent development. This includes constructing duel right turn lanes into and exiting Tivendale Road, a westbound bus priority lane, off road cycle and pedestrian paths, and car parking alterations along the Princes Highway eastbound lanes and the southern service road.
Funding	This project is jointly funded by Developer Contributions and the Australian Government
Timing	The project is scheduled to be complete by end of September 2024 with minor works and landscaping to occur in subsequent months.
Update	Concrete works (bus stop, driveways and infill works) were delayed due to subcontractor being unavailable. Asphalt works were also delayed as a result. Service road works to construct new carparking bays is nearing completion. Asphalt works to be completed following completion of concrete works abutting pavement.

Brunt Road, Officer

Project description	The Brunt Road/Whiteside Road Princes Highway intersection is an existing fully signalised intersection. The upgrade works will increase the capacity of the intersection to handle the increased traffic volumes caused by adjacent development. This includes constructing duel right turn lanes into and exiting both Brunt Road and Whiteside Road, a westbound bus priority lane and off-road cycle and pedestrian paths.
Funding	Designs for the intersections are funded through developer contributions. Given the high cost associated with constructing the intersections, Council cannot fund the build for these intersections alone. Council is currently advocating for state and federal funding to see these designs come to life and for the intersections to be constructed. Until such time additional funding becomes available, construction of this intersections will not be able to proceed.
Timing	Designs are due to be finalised mid-2024.
Update	The detailed design for this project has been placed on hold pending funding for the construction of this project.

Arena Parade, Officer

Project description	Arena Parade/Princes Highway intersection is currently an unsignalised T-intersection. This project will upgrade the intersection to be a fully signalised crossroad, with the northern leg being constructed to the property line for connection by future development.
Funding	The Victorian Government has announced \$2.8m through the growth areas infrastructure contributions fund to deliver Arena Parade intersection. Developer Contributions are also available.
Timing	Detailed designs are progressing.
Update	Arena Parade designs have been submitted to Department of Transport and Planning (DTP) for detailed design approval.

McMullen Road, Officer

Project description	McMullen Road/Princes Highway intersection is currently an unsignalised T-intersection. This project will upgrade the intersection to be a fully signalised crossroad, with the southern leg being constructed to be connected to by future development.
Funding	Designs for the intersections are funded through developer contributions. Given the high cost associated with constructing this intersection, Council cannot fund the delivery alone. Council is currently advocating for Victorian and Australian Government funding to see these designs come to life and for the intersections to be constructed. Until such time additional funding becomes available, construction of this intersections will not be able to proceed.
Timing	Detailed designs are on hold.
Update	McMullen Road designs have been submitted to Department of Transport and Planning for detailed design approval, however this intersection cannot be constructed without removal of the existing weigh bridges by Victorian Government authorities.

Sealing the Hills program

The advocacy campaign calling on the Australian Government to reconsider the decision to discontinue the project is ongoing.

An Australian Government budget submission has been prepared and was submitted in February 2023 calling for the reinstatement of funding or extended funding however no official response has been received by either Council.

The partition to parliament was tabled at parliament with the responsible minister responding to the community in April indicating that no further funding will be received.

The Victorian Government has also been approached to seek additional funding to continue the program.

Residents and stakeholders have been notified regarding the status of their road, and the community have access to view a full list of outstanding roads and their status on Council's website: www.cardinia.vic.gov.au/sealingthehills

Sealing the Hills program road work updates

First-Grenville package (stage 1) – Cockatoo

Project description	Construction of First Avenue, Grenville Road, Spring Street and Hazel Street, Cockatoo, includes pavement, asphalt wearing surface, kerb and channel, and underground drainage works.
Funding	This project is jointly funded by the Australian Government and contributions by residents via a Special Charge Scheme.
Timing	Major works complete. Ancillary works scheduled to be completed by end of October.
SCS process	VCAT Complete.
Update	Driveway, verge and site re-instatement works ongoing. Drainage works on First Avenue ongoing - when complete remaining road works can be finalised.

First-Grenville package (stage 2) – Cockatoo

Project description	Construction of Second Avenue and ROWY (between First Avenue and Second Avenue), Cockatoo, includes pavement, asphalt wearing surface, kerb and channel, and underground drainage works.
Funding	This project is jointly funded by the Australian Government and contributions by residents via a Special Charge Scheme.
Timing	Works have started.
SCS process	VCAT Complete.
Update	Drainage works nearing completion. Pavement works have started.

First-Grenville package (stage 3) – Cockatoo

Project description	Construction of Neville Street, Steane Street and Marcelle Street, Cockatoo, includes pavement, asphalt wearing surface, kerb and channel, and underground drainage works.
Funding	This project is jointly funded by the Australian Government and contributions by residents via a Special Charge Scheme.
Timing	Construction has commenced and are scheduled to be completed by late 2024.
SCS process	VCAT Complete.
Update	Asphalt works have commenced. Remaining minor works to be completed in coming months.

Old Gembrook Road package – Emerald

Project description	Construction of Old Gembrook Road, Durban Road and Sherriff Road, Emerald, includes pavement, asphalt wearing surface, kerb and channel, and underground drainage works.
Funding	This project is jointly funded by the Australian Government and contributions by residents via a Special Charge Scheme.
Timing	Works scheduled to commence in late 2024.
SCS process	VCAT Complete.
Update	Works scheduled to be tendered in late 2024.

Stoney Creek package – Beaconsfield Upper

Project description	Construction of Morris Road, Burton Road and Young Street, Beaconsfield Upper, includes pavement, asphalt wearing surface, kerb and channel, and underground drainage works.
Funding	This project is jointly funded by the Australian Government and contributions by residents via a Special Charge Scheme.
Timing	Works scheduled to commence in late 2024.
SCS process	VCAT Complete.
Update	Construction tenders have close and are currently being evaluated.

Other Council delivered road projects**Resurfacing and rehabilitation program**

Project description	The significant proactive maintenance and upgrade of Council's road network as per Council's asset management system.
Funding	Resurfacing and rehabilitation programs are jointly funded by Council and the Australian Government's Roads to Recovery Program.
Timing	This program is scheduled to be complete by June 2025.
Update	<p>Rehabilitation projects for 2024-25 include:</p> <ul style="list-style-type: none"> • Seven Mile Road, Nar Nar Goon • Bunyip Modella Road, Bunyip • Officer Road, Officer • Dalmore Road, Cardinia <p>The contract for the rehabilitation program has been awarded and works are expected to commence in September 2024.</p> <p>The road resealing program is currently out to tender.</p> <p>The asphalt overlaying program of 2024-25 road resurfacing program is currently being scoped.</p>

Pakenham: McGregor Road duplication including Henty Street intersection.

Project description	Upgrade of intersection to a signalised intersection.
Funding	<p>Council and DCP funding are in place to complete the design.</p> <p>The Victorian Government announced \$6m of funding for this project through the growth areas infrastructure contributions fund to deliver this project. Council funds are also available to complete this project.</p>
Timing	Works will be linked to the rail removal by LXP and coordinated with other state and Council projects in the Pakenham area.
Update	<p>The detailed designs are currently being amended to incorporate Rogers Street intersection into the signalisation of Henty Street.</p> <p>Service impact assessment and engagement with relevant service authorities is currently underway. Once this is complete (anticipated to be by end of 2024), service relocation works can be scheduled.</p> <p>It is anticipated that construction works will commence in mid-late 2025, following the service relocation works.</p>

Drains and bridges

Beaconsfield wetland boardwalk renewal

Project description	Removing old timber structure, replacing with new steel structure on screw piles with an extruded polymer solid deck
Funding	The project is funded by Council.
Timing	This project is due to be completed by end of October.
Update	. Screw piles, concrete abutment and steel structure installation complete. Decking installation and concrete footpath approach to match with deck height to be completed.

Footpaths

Village Way, Pakenham – pedestrian crossing

Project description	<p>To improve pedestrian safety, these works will include 3 zebra-crossings, one on each of the three legs of the Village Way and Park Orchard Drive intersection with flashing lights on both Village Way crossings.</p> <p>Located adjacent to Lakeside Square shopping centre and near Cardinia Road train station, this area had been identified as a high priority location for a pedestrian crossing. The works have been fast tracked with the support of funding from the TAC.</p>
Funding	This program is jointed funded by Council and Transport Accident Commission (TAC).
Timing	Works are due to start in October and be finished in March 2025
Update	Tenders are currently being evaluated for the construction and signal installation works.

Other Council capital works projects

Building projects

Cannibal Creek Reserve - Community Centre, Garfield North

Project description	Development of a new Community Centre in Garfield North. This modular building will include a social room to accommodate approx. 100 people, a meeting room, storage area, kitchen, accessible toilet, and unisex toilets.
Funding	The project is funded by the Victorian Government's Growing Suburbs Fund
Timing	Project is expected to be completed by April 2025 due to delays
Update	The concept design has been signed off by the Committee of Management and all necessary documentation has been submitted for planning permit approval. Objections received during public advertising required a Council report to be submitted by the Town Planning team following the receipt of these objections. The Town Planning Committee at its meeting held on 2 September resolved to issue a Notice of Decision to grant a permit for the use of the land. Council Officers are updating the funding body regarding timelines for the project.

Cardinia Youth Hub

Project description	Relocation and expansion of the My Place Youth Facility to a parcel of Council owned land at James Street, Pakenham. The new facility will accommodate approximately 1000m ² of building structure, together with landscaping and associated car parking, which will be designed to engage and support young people 12–25 years of age.
Funding	This project is jointly funded by Council, the Victorian Government's Growing Suburbs Fund, and the Australian Government. The car park is funded by the Australian Government's Local Roads and Community Infrastructure fund.
Timing	This project is to be delivered by late 2027
Update:	A recommendation to continue this project was endorsed at the August Council meeting. Works are underway to assess appropriate methods for remediation or demolition. Council Officers are working through updating the funding body agreements and timelines for the project.

Early learning centre projects

Thewlis Road Integrated Child and Family Centre

Project description	This new centre will include three kindergarten program rooms, a community room that can be licensed as a fourth kindergarten room in times of peak demand, three consult rooms to cater for Maternal and Child Health, and other allied health professionals, staff room with kitchen space and planning room, amenities, equipment, furniture, outdoor play space, shared common area/ waiting lounge and carparking.
Funding	The project has funding through developer contributions. Council has successfully obtained the remaining required funds from the Victorian Government's Building Blocks Capacity Grant.
Timing	The project is scheduled for construction completion in December 2024, and operational from January 2025.
Update	Construction is progressing well and in line with construction program.

Open space projects**Torongo Park Stage 1**

Project description	<p>Torongo Park will be a 10-hectare adventure and nature park located on Lansell Avenue in Officer. The park will be delivered in stages, with exciting features planned to be delivered as part of the current stage 1 works, including:</p> <ul style="list-style-type: none"> • an incredible multi-level playground with a variety of play zones and experiences including two 20m-long embankment slides. • dog off leash area • Cardinia Shire's first purpose-built Parkour Zone • fitness equipment including running stairs, exercise stations and a 1km loop track. • hillside lookout platform • wetland area with extensive landscaping • public toilets • picnic facilities <p>Stage 2 of construction will also include a regional-level skate park, mountain boarding tracks and a cafe.</p>
Funding	The detailed design is funded by Council. The construction of the project is jointly funded by Council, the Victorian Government's Growing Suburbs Fund, The Victorian Government's New and Upgraded Dog Parks Program and the Australian Government's Local Road and Community Infrastructure program.
Timing	The project commenced construction in October 2023 with completion expected in late 2024.
Update	<p>Installation of all play equipment has now been completed. Landscape works are on track to be completed for the proposed opening in late 2024. Construction of the public toilet facilities will commence in September. Overflow carparking has been added to the project scope as a measure to cater for expected large crowds when the site opens for use.</p> <p>The official name of the site has been confirmed as Torongo Park, with torongo meaning "heart" in the Bunurong language.</p> <p>The project is currently on track for completion in late 2024.</p>

Alma Treloar amphitheatre

Project description	Upgrade of the existing amphitheatre to improve accessibility, including using recycled materials to reduce maintenance costs.
Funding	The project is jointly funded by Council, the Victorian Government's Growing Suburbs Fund and the Australian Government's Local Roads and Community Infrastructure program
Timing	The project is expected to be completed in October 2024
Update	<p>The shelters, BBQs and seating have been installed. The Structural steel amphitheatre frame has been completed and Timber cladding of the structure is underway. A shade sail will be installed over the stage area in September.</p> <p>The amphitheatre is scheduled for completion in October.</p> <p>The Alma Treloar car park basecoat sealing was complete in late August, with the wearing course to be done in September, weather dependent.</p>

Developer delivered infrastructure

Cardinia Road Employment Precinct – Cardinia Road PSP upgrades (Freeway intersection to future Thompsons Road)

Project description	<p>Cardinia Road Employment Precinct PSP (CREP) was gazetted in 2010 and includes significant upgrades along Cardinia Road.</p> <p>Some upgrades have been completed in recent years allowing access into Kaduna Park residential estate and upgrades to the freeway roundabout.</p> <p>Multiple permits have been issued requiring PSP upgrades along Cardinia Road between the freeway and Transmission Easement. The works include:</p> <ul style="list-style-type: none"> • Further upgrade of the intersection at the Freeway (known as IN01), duplication of the southern exit and footpath connections. • Duplication of Cardinia Road between Centenary Boulevard and the freeway roundabout (RD01). This includes footpath installation linking into the freeway bridge and then into Officer. • Creation of a roundabout at Cardinia Road and Centenary Boulevard (IN02) which also includes creation of the fourth leg of the intersection to the east to facilitate development further east. • Creation of a roundabout at Cardinia Road and the entrance to Kaduna Business Park (IN07) • Creation of a signalised T-intersection at Cardinia Road and future Thompsons Road (IN08) • Duplication of Cardinia Road between IN07 and IN02 <p>These upgrades will improve connectivity and safety along Cardinia Road both for residents and those travelling through. There will be disruptions throughout the construction period, but Council officers are working to ensure these are minimised where possible.</p> <p>Future upgrades with additional intersections will be required in the future as development continues, with these packages of works being the most extensive to happen in this section of Cardinia Road.</p>
Funding	<p>These projects are jointly funded by PSP Contributions through the Cardinia Road Employment Precinct PSP and the developers of the surrounding estates.</p>
Timing	<p>Construction has begun on the road upgrade works south of the Kaduna homestead, with further works to commence in coming months. Anticipated completion of the bulk of intersection works is end of 2024 with further duplication and intersection works happening in 2025 as development continues.</p>
Update	<p>The two developments south of the homestead on the eastern side of Cardinia Road (Kaduna Business Park and Southpoint Business Park) have approvals from Council and DTP to begin works. Works have started with road widening and upgrades, moving to works to construct IN07 (roundabout) and IN08 (signalised T-intersection at future Thompsons Road).</p>

**Pakenham East – Ridgelea site – new Princes Highway intersection
(between Deep Creek and Dore Road)**

Project description	<p>This major signalised intersection will provide access into the Parklea “Ridgelea’ site on the south of the highway, and in the future into the developable land on the north.</p> <p>This is a four-leg intersection, providing connector boulevards on the south and provision for connector road to the north with dual carriageway on Princes Highway with provision for a third lane. It sits between Deep Creek to the west and Dore Road to the east.</p> <p>The construction of this intersection will also change access to Dore Road for the short term until the full PSP construction on the north side takes place. As part of these works, Dore Road will connect into Princes Highway further east than it currently does on a straighter alignment, and will be left in, left out only. The future PSP design anticipates that Dore Road will connect into this intersection by a local road to be built parallel to Princes Hwy to the north, with no direct connection from Dore Rd to the Highway. The timing for this is unknown and would progress with future development by landowners.</p> <p>This is the partial construction of this intersection in line with the PSP and ICP requirements – only three legs will be built for access to the south only. It has been approved by DTP to their requirements and they are lead supervision on this project.</p>
Funding	The project is jointly funded by Infrastructure Contributions through the Pakenham East ICP and the developer of the Ridgelea Estate (Parklea)
Timing	The developer anticipates construction completion in 2024; this is dependent on DTP approvals.
Update	Construction is continuing on the intersection. Dore Road intersection has changed and has now been opened as ‘left in–left out’ in the temporary location to allow construction to continue on the Highway intersection.

Thewlis Road, Pakenham – Duplication and upgrade of Thewlis Road from Kenneth Road to Princes Highway.

Project description	Duplication and upgrade of Thewlis Road
Funding	Funded through the Cardinia DCP as per the Cardinia Road PSP and by the developer.
Timing	Design for Thewlis Road and connection to Kenneth Road have been approved and construction has started.
Update	Works are close to completion with some outstanding electrical and asphalt works left to complete. Connection from Kenneth to Thewlis Road cannot be opened until the Thewlis Road/Highway intersection is also complete.

Stephens Road, Officer – Duplication and upgrade of Stephens Road from Rix Road to Hansel Avenue

Project description	Duplication and upgrade of Stephens Road, Officer. Works are required as per the Officer Central planning permit.
Funding	Funded through the Officer DCP as per the Officer PSP and by the developer.
Timing	Design for Stephens Road has been approved. Construction has commenced.
Update	Works have commenced.

Rix Road, Officer – Construction of the Curved Trunk Road/Rix/Stephens Road roundabout and duplication of Rix Road to the east.

Project description	Construction of the Curved Trunk Road/Rix/Stephens Road roundabout and duplication of Rix Road to the east. Works are required as per the Officer Central planning permit.
Funding	Funded through the Officer DCP as per the Officer PSP and by the developer.
Timing	Design for the roundabout and Rix Road is in the final stages of design reviews.
Update	Works likely to commence in September, but subject to developer's timings.

Starling Road, Officer – Construction of (part of) Starling Road

Project description	Construction of Starling Road section for Arbor Development frontage. Works will include Melbourne Water Drainage Service Scheme pipes, upgrading to PSP cross section and connections to Arbor development.
Funding	Funded through the Officer DCP as per the Officer PSP and by the developer.
Timing	Works to commence in September; subject to developer works programs.
Update	Works to commence in September; subject to developer works programs.