

6.5.2 Major Projects Report

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Recommendation(s)

That Council note this report

Attachments

1. Major projects report - September 2023 [6.5.2.1 - 16 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.

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 of August 2023, 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 clubhouse with facilities for club members and general community including two social rooms, bistro area, three community meeting rooms, kitchen, bar server, two change room areas, office area, toilet facilities, storage area, first aid room, covered spectator area and car parking,
Funding	This project is jointly funded by Council, Victorian and Australian Government agencies.
Timing	Revised delivery timing for this project is April 2024
Update	The tender for design and construction closed on 4 August 2023. Tender submissions are currently being assessed.

Pakenham Regional Tennis Centre – pavilion extension

Project description	Proposed extension for the Pakenham Tennis Club (relocation) comprising steel frame structure, full height glazing, kitchenette, unisex toilet facility, balcony overlooking courts, provision for two persons lift and reconfiguration of the existing external play area.
Funding	This project is fully funded by Council
Timing	Project is expected to be complete by the end of 2023
Update	The tender for construction has been awarded and works have commenced in August.

Sporting fields**Bunyip Recreation Reserve – soccer/cricket field redevelopment**

Project description	Construction of junior and senior soccer field overlayer with cricket field, new LED 100 Lux lighting, perimeter fencing and supporting infrastructure
Funding	Council and the Victorian Government jointly fund this project
Timing	Playing field surface maintenance period is underway. Handover of the field to the club is expected Jan 2024.
Update	Lighting towers have been erected and pavilion interface works are now complete. Final electrical works are underway with practical completion delayed due to electrical sub-contractor availability. New practical completing is forecast for mid-September

Upper Pakenham Recreation Reserve - cricket net renewals

Project description	Redevelopment of the existing cricket nets with a four bay multipurpose cricket practice net facility with retractable netting between three nets and one fixed net.
Funding	Council and the Victorian Government (Community Sports Infrastructure Loan) jointly fund this project.
Timing	Project completion expected in September
Update	Works are well underway with wet site conditions causing some minor delays

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 June 2024.
Update	A concept design has been approved by stakeholders. Detailed design of stage 1 and 2 is now underway and is expected to be complete in November.

Worrell Reserve – tennis court lighting

Project description	Replacement of the lighting on courts 1 -5 including poles and upgrade to LED
Funding	Council and the Victorian Government jointly fund this project
Timing	To be completed by the end of 2023
Update	Site works commenced in mid-August

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

McGregor-Soldiers-Hobson roads

Project description	Construction of McGregor-Soldiers-Hobsons roads, Pakenham, includes pavement, kerb and channel and underground drainage works. This project will also use the recycled glass crushed rock product, using 1500 tonne of recycled glass in the pavement.
Funding	This project is fully funded by Council
Timing	Works complete, except for the desalination pipeline area.
Update	A works agreement has been lodged with the Victorian Government for works over the water desalination pipeline in Hobsons Road and is awaiting the minister's signature.

Dore Road, Nar Nar Goon

Project description	Construction of Dore Road, Nar Nar Goon, includes pavement, some kerb and channel and underground drainage works. This project is the first for the use of Ground Penetrating Radar to assist designer engineers to assess the location and depth of tree roots and reduce the effect on vegetation and thus reducing vegetation offset costs.
Funding	This project is jointly funded by Council and the Australian Government's Local Roads and Community Infrastructure Program
Timing	Works are now programmed to commence in October 2023 and be completed by April 2024.
Update	Construction commencement activities have started.

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	Scheduled for construction in October/November 2023 (pending outcome of tender), with works expected to be completed by April 2024.
Update	The design is complete, environmental investigations are finalised and a construction tender issued. The tender is scheduled to close in late September with the anticipated award to be in October.

Detailed design of other projects in program

Project description	Detailed designs of Bessie Creek Road, Huxtable Road, Evans Road, and Thewlis Road
Funding	This project is fully funded by Council
Timing	Detailed designs are now complete for Bessie Creek Rd, and Huxtable Road. Final environmental impacts are being calculated and planning permits will be sought for tree removal.
Update	Works are scheduled to begin on Bessie Creek Road and Huxtable Road in 2024 pending planning permit approval

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
- Thewlis Road

Bayview Road, Officer

Project description	Bayview Road Princes Highway intersection is currently an un-signalised T-intersection. This project will: <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	Scheduled to be complete by end of October 2023
Update	Pavement works on the Princes Highway, as well as public lighting, and signal installation works are continuing.

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 dual 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 February 2024. Works have been delayed due to service relocation delays
Update	Civil works continue. Lanes closures and traffic diversions in place for drainage and pavement construction works on Tivendale Road. Lanes closures are now also in place for Station Street drainage and pavement works. Public lighting and signal installation works have commenced

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 these intersections will not be able to proceed.
Timing	Designs are due to be finalised by end of 2023.
Update	DTP is currently reviewing detailed design. Service authorities have been engaged and relocation plans are being finalised. Power relocations have commenced.

Arena Parade, Thewlis Road and McMullen Road

Project description	These eastern Princes Highway intersections are currently in the detailed design phase and will be delivered subject to funding being available.
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 these intersections will not be able to proceed.
Timing	Detailed designs are underway.
Update	Arena Parade and McMullen Road designs have been submitted to DTP for detailed design approval.

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 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

Baker-Glen package – Cockatoo

Project description	Construction of Baker Street, Station Road, Glen Road and Garden 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 works are due to be finished by end of 2023.
SCS process	VCAT Complete.
Update	Drainage and earthworks are complete. Concrete and pavement construction works continue.

Caroline Avenue package – Cockatoo

Project description	Construction of Caroline Avenue, Boronia Crescent and Rouen Road, Cockatoo, includes pavement, asphalt wearing surface, footpath, kerb and channel, and underground drainage works. The project also includes some improvements to the existing underground drainage and water sensitive urban design (WSUD) at Cockatoo Creek from the IGA into the Cockatoo Creek.
Funding	This project is jointly funded by the Australian Government and contributions by residents via a Special Charge Scheme.
Timing	Construction works are due to be complete by end of 2023.
SCS process	VCAT Complete.
Update	Drainage and earthworks are complete. Concrete and pavement construction works continue.

First-Grenville package (stage 1) – Cockatoo

Project description	Construction of First Avenue, Grenville Road, Spring Street, Hazel Street and the 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 are scheduled to be completed by August 2024.
SCS process	VCAT Complete.
Update	Drainage works continue

First-Grenville package (stage 2) – Cockatoo

Project description	Construction of 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	Construction is scheduled to start in late 2023.
SCS process	VCAT Complete.
Update	A construction contract has been awarded to Sure Constructions. A start date is being negotiated and works program produced.

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 is scheduled to start in early 2024.
SCS process	VCAT Complete.
Update	A construction contract has been awarded to Sure Constructions. A start date is being negotiated and works program produced.

Naughton Street package – Cockatoo

Project description	Construction of Naughton Road and Carawa 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 is scheduled to be finished by the end of 2023.
SCS process	VCAT Complete.
Update	Drainage works continue. Pavement preparation works have commenced.

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 commence in late 2024.

Russell-Blackwood package – Gembrook

Project description	Construction of Gembrook Road (service lane), Redwood Road (service lane), Russell Road and Blackwood Lane, Gembrook, 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 is scheduled to be completed by end of 2023
SCS process	VCAT Complete.
Update	Drainage and earthworks are complete. Pavement works complete and spray seal applied to Russell Road, Blackwood Lane and Gembrook Road Service Road. Asphalt wearing course to be placed in coming weeks. Some pavement works still required on Redwood Road Service Road in preparation for sealing/asphalt.

Innes Road package – Gembrook

Project description	Construction of Innes Road (including Innes Road west section) includes pavement, asphalt wearing surface, footpath, 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 is due to be completed by end of 2023
SCS process	VCAT Complete.
Update	Works are now complete and Practical Completion achieved.

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	Works scheduled to commence in late 2024.

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	The 2023-24 program is currently being scoped.
Update	The works on Soldiers Road, including entrance to Lang Lang Recreation Reserve are now complete. The Supply of Asphalt and Asphalt Paving Services Contract 2023-2026 was awarded at the August Council meeting, which will assist in the delivery of this program.

Officer: Pioneer Way and Brunt Road intersection upgrade

Project description	Construction of Brunt Road to link Princes Highway intersection and LXRP rail bridge, with construction of Pioneer Way to give access to new school with a roundabout at Pioneer-Brunt-Edinburgh intersection.
Funding	This project is jointly funded by Council and DCP funds.
Timing	Works to be completed by late-2023.
Update	Works have commenced on stage 1 and 2 of this project. Pioneer and Brunt Road south bound lane have had asphalt base course laid. Drainage works are well underway with only Brunt north bound lane to be done. Brunt Road closure and detour via Pioneer Way now in place.

Pakenham: McGregor Road duplication including Henty Street intersection.

Project description	Upgrade of intersection to a signalised intersection.
Funding	Council and DCP funding is in place to complete the design. Additional external funding is required for the project proceed to construction.
Timing	Works will be linked to the rail removal by LXRP
Update	A design submission is currently being prepared for review by DTP.

Drains and bridges

Bridge renewal program

Project description	Replacement of identified bridges and major culverts: <ul style="list-style-type: none"> • Temby Road, Iona • Simpson Road, Vervale • Alexander Road pedestrian bridge, Cockatoo • Beaconsfield wetlands boardwalk
Funding	The program is funded by Council.
Timing	Public tender (design and construct for Simpson and Temby) closed with no submissions received due to current market conditions.
Update	<p>Concept designs have been prepared for Temby Road and Simpson Road bridge. Approval has now been received from Melbourne Water for both bridges. Flood modelling has been undertaken previously allowing structural design work to begin.</p> <p>Construction is scheduled for later in 2023, however is dependent on the tender process and MW approval.</p> <p>A contractor has been appointed for Alexander Road pedestrian bridge. The bridge super structure has been fabricated and is currently being galvanised to ensure structural longevity. Works will commence on site in September.</p> <p>The Beaconsfield boardwalk is now in detailed design for the preparation of shop drawings before fabrication commences.</p>

Footpaths

2023-24 Footpath program

Project description	<p>The 2023-24 program will see new footpaths and related works constructed at the following locations:</p> <ul style="list-style-type: none"> • Henry Road, north side opposite IYU • Heritage Boulevard – corner Henry Road, Pakenham • Princes Highway, north side, (behind 76 Ebony Drive), Pakenham • Army Road, corner Baltessa Road, Pakenham • Bailey Road, Corner Garden Road, Cockatoo • Belgrave Gembrook Road opposite Avonsleigh General Store, Avonsleigh • Fairway Road corner Macclesfield Road – Avonsleigh • Wellington Road outside of Clematis Hall – Clematis • Brunt Road outside #28 – Beaconsfield • Main St opposite PO – Garfield • McDonalds Track corner Cullen Drive– Lang Lang
Funding	This program is fully funded by Council
Timing	Works to be delivered by 30 June 2024.
Update	New paths have been inspected, with plans being prepared for consultation.

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 June 2024
Update	Council awarded the contract for the construction of the centre at the August Council meeting. The contractor has commenced design development.

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.
Timing	The project has been scheduled for completion by mid-2024
Update:	The project continues to experience delays through the construction of the building. Council Officers continue to work with consultants and the contractor to reduce further delays to this project.

Cockatoo cottages

Project description	Upgrade and refurbishment of five domestic units including minor sub floor structural work, external cladding, roof repairs, new windows, access ramp, internal kitchen joinery, wall linings, flooring and painting, climate comfort control.
Funding	This project is funded by Council.
Timing	Units 1 and 2 are complete. Unit 3, 4 and 5 are programmed for completion by the end of 2023.
Update	The construction works for units 4 and 5 are underway. Works to unit 3 will commence in the coming months. .

Early learning centre projects**Toun-nun (Brunt Road) Integrated Child and Family Centre**

Project description	This new centre will include three kindergarten program rooms, 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 is jointly funded by Developer Contributions and the Victorian State Government (DET- Building Blocks grant and DJPR- Growing Suburbs Fund)
Timing	The project is scheduled for construction completion by December 2023, and operational from January 2024.
Update	Construction is continuing, with minor delays experienced due to inclement weather.

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	Currently out for tender seeking a suitable builder for the construction phase of this project.

Open space projects**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	This project is scheduled to be complete by end of September 2023.
Update	The shelters, BBQs and seating have been installed. Works have commenced on the construction of the amphitheatre and stage. The amphitheatre will be completed by end of September. A shade sail will be installed over the stage immediately following completion of the amphitheatre.

Officer District Park Stage 1

Project description	Multipurpose open space precinct including playground, walking tracks, wetlands, fitness stations, lookout, parkour, public restrooms, and car park.
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 and the Australian Government's Local Road and Community Infrastructure program.
Timing	The project is scheduled to commence construction in October 2023 (depending on the outcome of the tender).
Update	Stage 1 of the project has been tendered and a separate report with recommended contractor will be tabled at this Council meeting. Works are expected to commence onsite in October 2023.

Developer delivered infrastructure

Pakenham East – Averley site – new Princes Highway intersection (between Dore Road and Hancocks Gully)

Project description	<p>This major signalised intersection will provide access into the Lend Lease ‘Averley’ site on the north of the highway, and the future town centre on the south.</p> <p>This is a four-leg intersection, providing connector boulevards north and south into the estates with dual carriageway on Princes Highway with provision for a future third lane. It sits between Dore Road to the west and Hancocks Gully to the east.</p> <p>This is the full construction of this intersection in line with the PSP and ICP requirements. 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 Averley Estate (Lend Lease)
Timing	Works are completed with lights to be switched on once DTP energisation process is finalised in coming months.
Update	Works are complete with PC issued from DTP. Lights will be functional once DTP energisation processes occur, and traffic management signage and lighting will stay in place until the lights are operational.

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 as the current landowners in this area are not planning on developing for some time.</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 starting construction in second half of 2023 with completion in 2024, but this is dependent on DTP approvals.
Update	Detailed design has been approved by Council subject to DTP approval. Waiting on DTP approval of detailed design and then construction will commence.