

10 MAJOR PROJECTS AND STRATEGIES ACTIVITY REPORT

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RECOMMENDATION

That the report be noted

Attachments

Nil.

EXECUTIVE SUMMARY

As part of the reporting process to Council, this monthly report provides an update of the status of major projects and strategies in progress. It includes an update on major projects, capital works, special charge schemes, asset management and strategies current at the time of this report.

Capital works

Reserves

James Bathe Recreation Reserve civil works

Project description	Construction of two football/cricket ovals, netball courts and playspace.
Funding	The project is funded by Council and a contribution through Sport and Recreation Victoria.
Timelines	The works are expected to be complete by March 2019.
Update	Bulk earthworks and drainage to both ovals and the car park areas are complete. Stabilisation of the car park areas is complete and footings for the goal posts and behind goal nets are installed. Internal sewer works are complete and work is continuing on the electrical installation. Irrigation has commenced & the spoon drain to oval 1 is complete. The building pad has been completed & handed over to the pavilion contractor.

James Bathe Recreation Reserve pavilion

Project description	Construction of a new pavilion servicing netball, football, cricket activities and includes provision for community use.
Funding	Council and the Victorian Government's Growing Suburbs Fund are jointly funding this project.
Timelines	Construction is expected to be complete December 2019.
Update	The construction tender has been awarded to Lloyd Group Pty Ltd. The contractors have established themselves on site.

Deep Creek Reserve

Deep Creek Reserve is a 48-hectare Council 'greenfield' site, bounded by the Pakenham Golf Course to the North and the railway line to the south.

The development of this site will include new paths and car park, development of infrastructure (including a sustainable environment complex, including new golf club rooms, all abilities playground, indigenous plant nursery, wetland and education facilities, kick about area, car park and associated drainage) and Melbourne Water wetlands.

Deep Creek Reserve – civil works package

Project description	The civil works package includes the construction of a 200 plus car space car park and drainage, demonstration wetland, the kick a bout area, footpaths, solar lighting and associated works. A1 Civil Pty Ltd have been appointed to undertake the civil works.
Funding	This part of the Deep Creek Reserve project is funded by Council.
Timelines	Works are expected to be complete in the second half of the year.
Update	The contractor has now completed all drainage works, as well as kerb to approximately 60% of the car park. The contractor has vacated the site temporarily to allow important work to take place on the building, including steel work, which requires the use of cranes. They will return to continue the project in November once the building frame is complete.

Deep Creek Reserve – regional all abilities playspace

Project description	The installation of play structures and equipment, shelters and barbeques including a community meeting space, landscaping and sensory gardens, sand and water play and associated works. Red Centre Nominees Pty Ltd have been appointed to undertake the playspace works.
	The play items will be withheld until the overall site works are complete (early 2019), to assist in preventing unauthorised access to the site.
Funding	This part of the Deep Creek Reserve project is jointly funded by Council and the Victorian Government's Growing Suburbs Fund.
Timelines	The playspace is due to be complete early 2019 along with the other components of the site.
Update	Many of the play components are now complete. The contractor is now undertaking many of the surfacing and finishing works. Landscaping works are well progressed. Once structural works are complete, the site will remain closed to allow an establishment period for the landscaping.

Deep Creek Reserve – Cardinia Community and Education Centre

Project description	The Cardinia Community and Education Centre is a multi-user shared facility, combining ecological values, education and sport. The building will combine the requirements of the Pakenham and District Golf Club and Cardinia Environment Coalition (CEC). The building will incorporate
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separate and shared spaces for the golf club and CEC users, including a multi-function room, lounge/dining/bar area, café, pro shop, environmental training areas, administration areas, and a commercial kitchen. Kirchner Constructions Pty Ltd have been appointed to undertake the building works.

Funding	This part of the Deep Creek Reserve project is funded by Council.
Timelines	Works expected to be complete in mid-2019.
Update	Building construction works completed include all in ground mains services, floor slab and internal timber stud framing. Stormwater drainage to commence. External structural steel framing, roof truss construction commenced.

Deep Creek Reserve – landscape package

Project description	The landscape works will complement the civil and building works and includes planting, furniture installation, hydro seeding, and other associated works. The landscape component of the project was tendered separately to ensure high environmental outcomes are achieved, with a focus on the use of indigenous plants of local providence. Australian Ecosystems Pty Ltd have been appointed to undertake the landscape works.
Funding	This part of the Deep Creek Reserve project is jointly funded by Council and the Victorian Government's Growing Suburbs Fund.
Timelines	Works will commence following completion of the civil works package, estimated spring 2018.
Update	The contractor is propagating plants in preparation for planting in the next few months. A coordination meeting has taken place between the civil and landscape contractors, as well as important stakeholders: Pakenham Golf Club and the Cardinia Environment Coalition (CEC)

Deep Creek Reserve – construction of new holes at Pakenham Golf Course

Project description	The construction of two new holes, practise areas, irrigation and associated works at the Pakenham Golf Course. The proposed works involve drainage, earthworks, landscaping, footpath and buggy path construction, irrigation, shaping and other associated works. SJM Turf & Civil Pty Ltd have been appointed to undertake the golf course expansion works. Works are being undertaken in close contact with the golf club, to minimise any impact during construction and ensure quality greens are delivered.
Funding	This part of the Deep Creek Reserve project is funded by Council.
Timelines	Works are expected to be practically complete by mid-2018, followed by a turf establishment period.
Update	The Pakenham Golf Club continue to undertake the maintenance

through the 12-month maintenance period. Couch grass sprigging will take place very soon when the conditions are favourable.

Emerald Netball Facility

Project description	<p>Construction of the new Emerald Netball Facility and associated infrastructure at Pepi's Land. The works will be undertaken in the following three stages:</p> <ul style="list-style-type: none"> • Stage 1a - External works including road widening in Beaconsfield Emerald Road adjacent to the site. • Stage 1b - Internal works including carpark, retaining walls, site services, stormwater drainage, netball courts, lighting and building platform for future pavilion. • Stage 2 - Construction of new pavilion.
Funding	The project is funded by Council.
Timelines	<p>Construction of Stage 1b works are expected to be complete in the coming weeks.</p> <p>Tendering of Stage 1a works are to occur in the coming months.</p>
Update	<p>Works are progressing well and nearing completion for the internal civil works. The courts are complete including lights and coaches boxes. Line marking and fencing of the courts is complete. Outfall drainage and raingarden are also complete.</p> <p>VicRoads has approved the design of Stage 1a while Council officers continue to pursue service authority approvals. The construction contract is currently being prepared.</p> <p>Detailed design of the pavilion is continuing with input from stakeholders.</p>

Catani Tennis Courts

Project description	Construction to upgrade two tennis / netball courts including new lighting, surfacing and shelters.
Funding	The project funding is split between Council and the State Government.
Timelines	The project is about to commence in the coming weeks. Completion is due by the end of December.
Update	Works are about to start and are on schedule.

Officer Recreation Reserve no. 2 (western) oval reconstruction

Project description	<p>Reconstruction of the western oval at the Officer Recreation Reserve, Starling Road Officer.</p> <p>The works include, but are not necessarily limited to reorientation, reshaping and resurfacing of the oval and the installation of subsurface drainage and irrigation. The existing floodlighting will also be upgraded.</p>
Funding	The project is funded by Council.

Timelines Works scheduled to commence in the 2018–19 financial year.

Update The tender results have come in & an evaluation is currently being conducted. A tender consideration report separate to this will be presented to this council meeting.

Worrell Recreation Reserve pavilion

Project description Redevelopment of the football and cricket pavilion, which will now include an appropriate area for gym.

Funding The project is fully funded by Council.

Timelines Construction is programmed to be complete by end of December 2019.

Update All stakeholders have approved concept designs. Tender documentation has commenced. Statutory approval application is being prepared.

Worrell Recreation Reserve Upgrade

Project description Redevelopment of the football and cricket oval.

Funding The project is fully funded by Council.

Timelines Construction is expected to be complete early 2019, with a maintenance period to follow.

Update Bulk earthworks are now complete and the installation of the irrigation and sub-surface drainage is underway

Lang Lang Community and Recreation Precinct

Project description The construction of a major recreation and community precinct being undertaken in partnership with the Lang Lang Community Bank. It will include sporting facilities, multipurpose community spaces, parks and other open spaces for recreational activities.

Funding Lang Lang Community Bank purchased the 36-hectare parcel of land upon which the precinct will be constructed, and have committed \$3.2 million including land purchase to the project. \$1.5 million has been received from the Australian Government's Building Better Regions Fund.

Council and our partners have committed in excess of \$10 million to the project between 2015-16 and 2020-21.

Timelines Stage 1 works are complete, with the ovals expected ready for the middle of the 2018–19 cricket season (weather dependent).

Update The Stage 1 Civil works have reached practical completion and have been placed onto maintenance. There is now a grass establishment period for the ovals to enable them to be played on.

With reference to the pavilion, Cohen Leigh have been appointed as the

Architect. We are now in the Schematic Design phase with continued input from all stakeholders. Detailed Design is to follow shortly after with a focus on finishes and landscaping.

Koo Wee Rup Primary and Secondary School oval upgrades

Project description	<p>Reconstruction of the Koo Wee Rup Primary School oval and the adjacent Koo Wee Rup Secondary School oval.</p> <p>The primary school oval upgrade includes new sub surface drainage, two new cricket nets and some portable barrier netting to protect school infrastructure.</p> <p>The secondary school oval upgrade includes new sub surface drainage, irrigation, and flood lighting, installation of a bore, power upgrade, and construction of a new pavilion and extension of the synthetic hockey pitch to meet Australian standards.</p>
Funding	<p>The primary school upgrade is funded by Sport and Recreation Victoria (\$100,000) and Council (\$50,000)</p> <p>The secondary college is funded by the Victorian Government's Department of Education (\$1.6 million) of which \$500,000 is allocated for the oval upgrade works.</p>
Timelines	Works are scheduled to commence in the 2018–19 financial year.
Update	Designs have been finalised by the consultant and are being reviewed by the VSBA before tenders are sought to deliver the works.

Hills Hub

Project description	<p>The Hills Hub project has been in development since late 2014. The Hills Hub will enhance existing community activities delivered by the Emerald Mechanics Institute, establishing a long-term base for Emerald U3A, Emerald Men's Shed, 3MDR Community Radio station and other existing stakeholders. It will also provide opportunity to respond to emerging local needs, including skill development, training and employment creation. An advisory group of community stakeholders across a wide range of community organisations was established. Council has undertaken extensive consultation and negotiations to design a multipurpose facility.</p>
Funding	<p>The project is funded by Council (\$4.88 million), the Australian Government's National Stronger Regions Fund (\$1.5 million), Victorian Government Growing Suburbs Fund (\$1.5 million) and the Eastern Dandenong Ranges Group/Dandenong Ranges Community Bank Group (\$250,000).</p>
Timelines	Construction is due to be complete by May 2019.
Update	<p>The contractor has prepared the services for the slab to be poured, which includes bored piers and re-routing of the main water supply, which has included works from local water authorities. The base blockwork wall is complete and the earthworks for the installation of the</p>

water tank and turntable have commenced. Structural steel and timber framing will follow shortly after the slab is poured.

Cochrane Park Tennis Courts

Project description	The construction of two new tennis courts and the refurbishment of the existing tennis courts. The works include synthetic surfacing, improved lighting and shelters.
Funding	The project is fully funded by Council.
Timelines	Construction is about to commence and should be complete in January 2019.
Update	Construction has commenced and will be complete by January 2019.

Roads, paths, drains and bridges

Eastern Dandenong Ranges Trail

Project description	<p>The Eastern Dandenong Ranges Trail is a multipurpose trail linking Emerald to Gembrook. The Emerald to Cockatoo component through Emerald Lake Park and Wrights State Forest providing a link between the two towns was complete some time ago.</p> <p>Council has been successful in securing funds to construct the final 6.5km length from McBride Street, Cockatoo to Gembrook Station. The trail follows existing road reserves and the Puffing Billy train line between the towns to create a unique and scenic trail.</p>
Funding	Council (\$900,000), the Australian Government's Department of Infrastructure (\$1 million election commitment) and the Victorian Government's Growing Suburbs Fund (\$545,000) jointly fund the project.
Timelines	The Cockatoo to Gembrook section expected to be complete early 2018.
Update	The civil components of the trail have now reached completion. Council have commenced design and documentation of wayfinding and emergency signage along the trail, liaising with the Eastern Dandenong Ranges Association in the progress.

Emerald Lake Park

Project description	<p>Replacement of outfall drainage pipe and reconstruction of Emerald Lake Park Road dam wall.</p> <p>The leak in the Emerald Lake Park outfall drain was discovered in March, with expert dam and hydraulic engineers attending the site on the same day. Road closure, response program and inspection regime was put in place immediately.</p>
Funding	The works are fully funded by Council.

Timelines Initial Emergency works have been undertaken.
Final works including the road sealing and landscaping will be undertaken later in the year.

Update The initial stage of works are complete with the exception of sealing of the road. Due to the nature of this part of Emerald, we are unable to achieve appropriate conditions for sealing. As we approach the warmer months, these sealing works will be programmed. Final landscape works are to occur later in 2018.

Thirteen Mile Road/Bunyip River Road Blackspot Project

Project description This intersection has been identified as a high-risk intersection. The offsetting of the western leg of the Bunyip River Road to the north at this intersection will improve safety at this location.

Funding The project is funded through VicRoads Blackspot Program.

Timelines Works expected to be complete by December.

Update Works have started on the road construction works associated with blackspot project and are progressing well.

2018-19 Footpath maintenance program

Project description The maintenance of Council’s existing footpath network, as set out in Council’s Road Management Plan (RMP).

Timelines This is an ongoing program. Regular inspections are carried out on Council’s footpath networks and defects outside the intervention levels as set out in the RMP are rectified. Customer notifications of footpath issues are covered as part of this program.

Funding The \$189,000 program is fully funded by Council.

Update Any defects outside the intervention levels that are highlighted as part of the regular inspections on Council’s footpath network are currently being repaired.

2018-19 new footpath program

Project description Council’s footpath program looks to extend the footpath network in and around townships. The footpaths to be constructed in 2018-2019 are:

Footpath location	Construction-Dates(proposed)	Completed
Tivendale Road , Officer	Oct	October
Station Street , Pakenham	Pedestrian Crossing-under design	
Kennilworth Ave , Beaconsfield	Sep/Oct	October

Bald Hill Road , Pakenham	Oct/Nov	
Anderson Road , Bunyip	Oct/Nov	October
Main Street , Bunyip	Oct/Nov	October
Gembrook Road + Redwood Road , Gembrook	Nov	
Pinnocks Road , Emerald	Rock path- Feb/Mar	
Grange Crt , Koo Wee Rup	Rock path- Jan/Feb	
O'Neil Road , Beaconsfield	Oct/Nov	September
Webster Way , Pakenham	Nov/Dec	September
Princes Hwy : Brunt Rd to Panorama Ave , Beaconsfield	Oct/Nov	September

Funding The \$680,000 program is fully funded by Council through the footpath and pedestrian and bicycle strategy programs.

Update Detailed project scoping and planning is complete. The concrete component of the program is now 75 percent complete and on track to be completed by the end of December, with the gravel paths to be complete during the summer period.

2018-19 Road renewal and resurfacing program

Project description The significant proactive maintenance and upgrade of Councils road network as per Council’s asset management system.

Funding The \$3.8 million program is jointly funded by Council and the Australian Government’s Roads To Recovery Program.

Timelines It is anticipated that the program will be complete by the end of May.

Update The rehabilitation program has been awarded to QR Constructions (Gippsland) & MACA Infrastructure respectively, with works scheduled to commence in October and November.

The asphalt renewal program has commenced planning with programs allocated to panel contractors. Works on the reseal and asphalt overlay programs will occur in the summer months.

2018-19 Unsealed road re-sheeting program

Project description The unsealed roads re-sheeting program is aimed to replenish approximately 60 kilometres of unsealed roads throughout the shire with new crushed rock that has been lost due to storms and general wear and tear.

Funding	The \$1,049,000.00 program is fully funded by Council
Timelines	It is anticipated that the program will be completed by April 2019
Update	This project is planned to commence late September 2018

2018–19 Drainage program

Project description	The maintenance and upgrading of Council's drainage network.
Funding	The \$421,000 program is fully funded by Council.
Timelines	This program is complete.
Update	<p>Planning for the drainage program is complete with most projects allocated and proposed to be undertaken through the spring and summer seasons.</p> <p>Major culvert replacement works on Ingram Rd, Nar Nar Goon North and Bald Hill Road, Pakenham are due to be complete in spring as the weather improves. Orders have been placed on materials.</p>

Kenilworth Avenue construction

Project description	Construction of the first stage of Kenilworth Avenue, extending from Brunt Road to the Princes Highway underpass. The works include a sealed road pavement, kerb and channel on both sides, underground drainage, a concrete path on the south side and a shared concrete pathway on north side.
Funding	This project is funded through the Officer Developer Contributions Plan and is being delivered by an active developer in the immediate area as works in kind against payment of their developer contributions.
Timelines	<p>Stage 1 (Brunt Road to Princess Highway underpass) works will recommence once the legal dispute is resolved.</p> <p>Stage 2 (extending to Coach House Lane) investigations into feasibility for delivery of Stage 2 are favourable conditional that alternate options can be put in place until the completion of Stage 1.</p>
Update	<p>Stage 1 Kenilworth Avenue works continue to be on hold due to circumstances beyond our control. Council Officers have been unable to facilitate a favourable outcome between the developer and the delivery contractor. The issue has escalated to Council's legal advisors to attempt to resolve as quickly as possible.</p> <p>Stage 2 design works are progressing well. Possible options are being considered to deliver Stage 2 of the project, independent of the completion of Stage 1.</p>

Other capital projects**Cardinia Cultural Centre (CCC), Stage 1 upgrade incorporating arts space**

Project description	The upgrade of the CCC is stage 1 of a proposed 3-stage upgrade. Stage 1 includes the provision of an arts space, significant improvements to the foyer/crush space and the provision of flexible dance of flexible dance/rehearsal rooms.
Funding	The project is funded by Council and a contribution through the Growing Suburbs Fund.
Timelines	Tenders will open on the 27 January and close on the 27 February 2018.
Update	Lloyd Group Pty Ltd have been awarded the contract to undertake the stage 1 upgrade works. Works completed on site include the temporary amenities, civil access track, the slab poured and steel erected.

Pakenham Hall, Library and U3A Solar Electricity System

Project Description	Installation of an 84kW solar electricity system at the Pakenham Library Hall and U3A.
Funding	This project is funded by Council.
Timelines	Works commenced in June 2018.
Update	The solar electricity system installed through the completion of the project is currently awaiting AusNet to undertake works to enable its connection and operation.

Beaconsfield Community Complex Solar Electricity System

Project Description	Installation of a 26kW solar electricity system at the Beaconsfield Community Complex.
Funding	This project is funded by Council.
Timelines	Works to commence once AusNet pre-approval is received.
Update	Suntrix have been appointed as solar installer for the project and will begin works once AusNet pre-approval is received.

Lighting Upgrade at Pakenham Hall, U3A and Library and Koo Wee Rup pool

Project Description	Energy efficiency lighting upgrades will involve the replacement of over 500 inefficient lights in the Pakenham Hall, Library and U3A and the Koo Wee Rup outdoor pool.
Funding	This project is funded by Council.
Timelines	Project is scheduled for completion in July.

Update Echo Group have been engaged to conduct the upgrades and the project is currently underway.

Decorative Street Lighting Upgrade

Project Description Stage 3 of the decorative street lighting upgrade. Approximately 280 Toorak street-lights will be retro fitted with energy efficient alternatives in this stage of the project.

Funding This project is Council funded.

Timelines Upgrades are on track to commence at the start of next financial year.

Update A network modification agreement is being created between Council and AusNet and planning is currently underway to identify remaining Toorak lights before engaging a suitable electrical installer.

Strategies

Biodiversity Conservation Strategy

Project description The development of a Biodiversity Conservation Strategy (BCS) that will provide clear long term strategic direction within the Shire to conserve biodiversity on both private and public land while working in partnership with the community.

A detailed community consultation process will be undertaken prior to drafting of the strategy, to understand how land managers and the community value biodiversity. The community consultation will assist Council to develop conservation programs and projects that will make our natural biodiversity healthier, diverse and more resilient. This means the land can be managed for environmental, economic and social outcomes.

The BCS consultation process will also be used in the Pest Plant Strategy review.

Funding The project is fully funded by Council.

Timelines The finalised strategy is due to be adopted by Council in June 2019.

Update The appointed facilitator has undertaken 4 consultation workshops during May and June 2018, including internal, industry and community workshops. Additionally 2 online surveys were conducted. A total of 14 separate consultation events and media articles have been undertaken, this has included 800 direct contact interactions with the community (via email, surveys completed and workshops attended). The results of the surveys and consultation workshops will be analysed by the facilitator, with a report for each strategy due to be complete by the end of July 2018.

Pest plant management strategy

Project description The pest plant management strategy 2012 to 2017 (PPMS) is currently undergoing review. The strategy aims to reduce pest plant infestations across Cardinia Shire through the identification and implementation of an action plan targeting community education and engagement, planning controls and enforcement, and on ground works and monitoring.

The strategy highlights the combined role of all land managers including Council, private landholders, and state and federal agencies to control weeds collaboratively. There is an emphasis on community education and extension programs to ensure private landholder participation.

Funding The project is fully funded by Council.

Timelines The finalised strategy is due to be adopted by Council in June 2019.

Update For efficiency, community consultation has been undertaken concurrently with the Biodiversity Conservation Strategy above.

Officer Town Centre Landscape Works

Project description Landscape embellishments to northern part of Siding Avenue, around Central Energy Plant and Stormwater Tanks Park.
Finalisation of landscape works around the Civic Centre

Funding Fully funded by Development Victoria under their permit for Officer Town Centre.

Timelines

Update Works have commenced on the Tank Park. They have completed the tank stabilisation and electrical work to ensure the generator and tanks are not impacted. The scope of work is to install heavy vehicle concrete surrounds, and install stairs and decking up to the existing generator shed, which is being added into to create a park shelter. The stairs will have garden beds and will form an amphitheatre to allow this to become a 'city square' style park for all to enjoy.

Works have been delayed by level issues on site with the contract engineers working on solutions to ensure the space is aesthetic as well as usable.

Works around the Central Energy Plant are awaiting VicTrack signoff to complete the retaining wall works and then paving, garden bed and lighting works will be completed.

Around the trees in Siding Avenue, permeable paving will be installed to replace the granitic sand with a heavy duty, lower maintenance alternative.

Tree planting is due be completed along Bridge Road from Gum Scrub Creek to Officer South Rd to finalise the planting of this road by the end of October. Most of these works were approved before the move to the Civic Centre, and should be completed prior to Christmas Update.

CONCLUSION

This regular activity report is provided for Councillors' information