

## **16 MAJOR PROJECT AND STRATEGIES ACTIVITY REPORT**

FILE REFERENCE INT1878748

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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.

### **CONCLUSION**

This regular activity report is provided for Councillors' information.

### ***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 April 2019.
Update	Bulk earthworks and drainage to both ovals, the car park and playground areas are complete. Concrete works are underway in the playground area. Stabilisation and kerb is complete to the carpark areas. Footings for the goal posts and behind goal nets are installed. Internal sewer works are complete and work is continuing on the electrical installation through the playground area. The gas and electrical meters have been installed and potable and recycled water are to follow. Irrigation to oval 1 is complete with irrigation to oval 2 well underway. The pump shed has also been installed. Spoon drains to both ovals are complete. Fencing works to oval 2 are nearly completed and have commenced on oval 1. The building pad has been completed and 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 has commenced site establishment and is starting works associated with the preparation of the ground slab and services.

### **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 December 2018.
Update	The contractor has now completed all drainage works, as well as kerb to approximately 60 per cent 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. The Contractor is due to return to site mid-November to continue the project 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.
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 surfacing and finishing works are now complete. Landscaping works are well progressed. Once the 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 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. External structural steel framing, roof truss construction is completed. Roof covering works have commenced Pathways to building perimeter and access via Eco Playgarden are due to commence shortly.

### **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 two 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 – Nursery and education centre

Project description	Construction of a community driven indigenous plant nursery including outdoor education space, retail display garden, propagation facilities, irrigation, shade houses and green houses to grow the plants.
Funding	This part of the Deep Creek Reserve project is jointly funded by Council and the Andrew's Foundation.
Timelines	Construction is due to commence April 2019 to be completed in July 2019 to coincide with the completion of the Deep Creek Reserve development.
Update	The Nursery and Education Centre concept has been signed off by stakeholders and tender documentation is being prepared.

### 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"> <li>• Stage 1a - External works including road widening in Beaconsfield Emerald Road adjacent to the site.</li> <li>• Stage 1b - Internal works including carpark, retaining walls, site services, stormwater drainage, netball courts, lighting and building platform for future pavilion.</li> <li>• Stage 2 – Construction of new pavilion.</li> </ul>
Funding	The project is funded by Council.(\$2.6m)
Timelines	<p>Construction of Stage 1b works are expected to be complete in November.</p> <p>Tendering of Stage 1a works are to occur in March /April 2019.</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>Stage 1a: Council officers are still pursuing service authority approvals and some additional requests from VicRoads.</p> <p>The detail design of the pavilion is continuing, in liaison with Yarra Valley Water for the provision of sewerage facilities to the site.</p>

### Catani Tennis Courts

Project description	Construction to upgrade two tennis / netball courts including new lighting, surfacing and shelters.
Funding	The Victorian Government and Council jointly fund this project.
Timelines	Completion is due by the end of December.
Update	Works are about to commence and are on schedule for completion.

### **Officer Recreation Reserve no. 2 (western) oval reconstruction**

Project description	Reconstruction of the western oval at the Officer Recreation Reserve, Starling Road Officer.  The works include, but are not necessarily limited to reorientation, reshaping and resurfacing of the oval and the installation of subsurface drainage, irrigation and perimeter fence.  A funding application has been made to the Australian Government for ball catch nets, lighting upgrades and to upgrade the proposed gravel footpaths to a concrete footpath
Funding	Council funds the project.
Timelines	Works are expected to be complete in May 2019.
Update	The contract has been awarded to SJM Civil and Turf and the contractor has commenced onsite, with demolition works underway.

### **Worrell Recreation Reserve pavilion upgrade**

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.(\$2.8m)
Timelines	Construction is programmed to be complete by end of December 2019.
Update	All stakeholders have approved concept designs. Tender documentation preparation has commenced. Tender due to be advertised January 2019 and construction works to commence early April 2019 for a December 2019 completion.

### **Worrell Recreation Reserve oval 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 and irrigation are complete, with sub-surface drainage nearing completion. The retaining wall is nearing completion. The centre cricket wicket and rear access road have been installed.

### 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. There is now a grass establishment period for the ovals to enable them to be played on.  With reference to the pavilion, Scheme approved by all stakeholders and the Project is at Tender stage to obtain Council approval of award at the December Meeting in order to commence construction in February 2019.

### Koo Wee Rup Primary and Secondary School oval upgrades

Project description	Reconstruction of the Koo Wee Rup Primary School oval and the adjacent Koo Wee Rup Secondary School oval.  The primary school oval upgrade includes new sub surface drainage, two new cricket nets and some portable barrier netting to protect school infrastructure.  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.
Funding	The primary school upgrade is funded by Sport and Recreation Victoria and Council  The secondary college is funded by the Victorian Government's Department of Education of which a portion is allocated for the oval upgrade works.
Timelines	Works are scheduled to commence once the tender has been awarded..
Update	Designs have been finalised by the consultant, currently plans are being reviewed by the Victorian School Building Authority (VSBA), once we

have received sign off from the VSBA, we will be going to tender.

### **Koo Wee Rup Recreation Reserve netball and football/cricket pavilion upgrades**

Project description	Extend and upgrade the netball pavilion to provide home and away change and unisex toilet and shower facilities  Upgrade the existing toilet and shower facilities in the football/cricket pavilion to be unisex (female friendly).
Funding	The Victorian Government (\$800,000) and Council are jointly funding this project.
Timelines	The project is due for completion by June 2020
Update	Council has been working with the netball, football, cricket and equestrian clubs and the reserve committee of management to prepare draft concept plans for each pavilion upgrade project. After club and committee consultation on the draft concept plans, the plans will be refined and cost plans sought.

### **Cora Lynn change room upgrades**

Project description	Construction of new change rooms at Cora Lynn Recreation Reserve.
Funding	This project is fully funded by Council.
Timelines	Construction completion to be confirmed.
Update	Council officers have been working with the football, netball and equestrian clubs and the reserve committee of management regarding developing a concept plan for the new change rooms.

### **Emerald Community Hub**

Project description	The Hills Hub will be a multipurpose facility that 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.
Funding	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).
Timelines	Construction is due to be complete by May 2019.
Update	Construction works are well underway. The ground floor slab and

blockwork have been completed. Steelwork framing has commenced.

### **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	Council and the Victorian Government (\$250,000) are jointly funding this project.
Timelines	Construction is about to commence and should be complete in January 2019.
Update	Construction of the tennis courts 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 (\$623,000) 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	Construction is complete
Update	<p>The official opening was held on the 30 October 2018, with representatives from the Australian Government and Victorian Government as well as other dignitaries.</p> <p>Council have commenced design and documentation of wayfinding and emergency signage along the trail, liaising with the Eastern Dandenong Ranges Association in the progress.</p>



### Emerald Lake Park

Project description	Replacement of outfall drainage pipe and reconstruction of Emerald Lake Park Road dam wall.  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.
Funding	The works are fully funded by Council.
Timelines	This project is due for completion in December 2018.
Update	The initial stage of works are complete with the exception of sealing of the road. Sealing of the road above the dam wall is to be complete in the coming weeks.

### 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	Road works on site are well underway and are on track to be complete by December.

### 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 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.  Inspections for defects are currently being carried out on all high priority footpaths.

## 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)	Status
Tivendale Road, Officer	October	Complete
Station Street, Pakenham	Pedestrian Crossing	In Design
Kennilworth Ave , Beaconsfield	October	Complete
Bald Hill Road, Pakenham	November	
Anderson Road, Bunyip	October/November	Complete
Main Street, Bunyip	October/November	Complete
Gembrook Road and Redwood Road , Gembrook	November	
Pinnocks Road, Emerald (Gravel path)	February/March 2019	
Grange Court, Koo Wee Rup (Gravel path)	January/February 2019	
O'Neil Road, Beaconsfield	October/November	Complete
Webster Way, Pakenham	October/November	Complete
Princes Hwy: Brunt Road to Panorama Avenue, Beaconsfield	October/November	Complete

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

Update The concrete footpath 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 completed 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	Council and the Australian Government's Roads To Recovery Program jointly fund the 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) and MACA Infrastructure respectively, with works scheduled to commence shortly.

Preparation works for the asphalt and reseal programs have been completed. The asphalt renewal program has commenced planning with projects being allocated to specific panel contractors. Works on the reseal and asphalt overlay programs will occur in the summer months. A separate report will be presented to this Council meeting recommending a contractor for these works.

### 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 program is fully funded by Council
Timelines	It is anticipated that the program will be completed by April 2019
Update	This project has commenced, with 13 kilometres of roads re-sheeted to date.

### 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	Planning for the drainage program is complete with most projects allocated and proposed to be undertaken through the spring and summer seasons.

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, which have a long lead time.

### 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	Stage 1 (Brunt Road to Princess Highway underpass) works will recommence once the legal dispute is resolved.
Update	<p>Stage 1 Kenilworth Avenue works continue to be on hold due to circumstances beyond our control. Council Officers continue to facilitate a favourable outcome between the developer and the delivery contractor.</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	This project is due for completion in 2019.
Update	Steelwork and roofing and framing is continuing. The installation of services has commenced as well as wall cladding substrates. The new carpark is expected to be completed to a stage that will allow it to be handed over to the facility for use on major events.

#### Pakenham Hall, Library and U3A solar electricity system

<b>Project Description</b>	<b>Installation of an 84kW solar electricity system at the Pakenham Library Hall and U3A.</b>
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

<b>Project Description</b>	Installation of a 26kW solar electricity system at the Beaconsfield Community Complex.
<b>Funding</b>	This project is funded by Council.
<b>Timelines</b>	Works to commence once AusNet pre-approval is received.
<b>Update</b>	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

<b>Project Description</b>	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.
<b>Funding</b>	This project is funded by Council.
<b>Timelines</b>	Project is scheduled for completion in July 2019
<b>Update</b>	Echo Group have been engaged to conduct the upgrades and the project is currently underway.

### Decorative street lighting upgrade

<b>Project Description</b>	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.
<b>Funding</b>	This project is Council funded.
<b>Timelines</b>	Upgrades are on track to commence at the start of next financial year.
<b>Update</b>	A network modification agreement is being created between Council and AusNet. A contractor has been appointed and they will be retrofitting 345 lights due to the favourable quote being received. The retro fit kits have been order, these have a lead time of several months.

### Officer Town Centre landscape works

Project description	<p>Landscape embellishments to northern part of Siding Avenue, around Central Energy Plant and Stormwater Tanks Park. Finalisation of landscape works around the Civic Centre.</p> <p>In addition to the required infrastructure around the tank, the works around the stormwater tank are designed to create a public square in the middle of officer. Stairs and decking leading up to the existing generator shed will have garden beds and will form an amphitheatre to allow this to become a 'city square' style park for all to enjoy.</p>
Funding	<p>Fully funded by Development Victoria under their permit for Officer Town Centre.</p> <p>Works on the tank park itself are costed at over \$750,000</p>
Timelines	<p>Works are due to be completed in 2019.</p>
Update	<p>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 by the works.</p> <p>Works around the Central Energy Plant are awaiting VicTrack signoff to complete the retaining wall works and then paving, garden bed and lighting works.</p> <p>Around the trees in Siding Avenue, permeable paving is in the process of being installed to replace the granitic sand with a heavy duty, lower maintenance alternative.</p> <p>Tree planting along Bridge Road from Gum Scrub Creek to Officer South Rd has been completed.</p>

## **Strategies**

### Biodiversity Conservation Strategy

Project description	<p>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.</p> <p>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.</p> <p>The BCS consultation process will also be used in the Pest Plant Strategy review.</p>
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Funding	The project is fully funded by Council.
Timelines	The finalised strategy is due to be adopted by Council in June 2019.
Update	A first draft of the strategy including a costed action plan is nearing completion. It will be present to Council's senior leadership team before being made available for public comment early in 2019.

**Pest plant management strategy**

**Project description** The pest plant management strategy 2012 to 2017 (PPMS) is currently undergoing a major 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. Following the consultation phase the strategy review is nearing completion with the new draft strategy being developed ready for further feedback in early 2019.