

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

FILE REFERENCE INT1831925

RESPONSIBLE GENERAL MANAGER Michael Ellis

AUTHOR Andrew Barr; Ben Wood; Miranda Long; Desiree Lovell; Walter Carmignani

### **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 current 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 February 2019.
Update	The earthworks and drainage are currently underway.

#### **James Bathe Recreation Reserve pavilion**

Project description	Construction of 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 by December 2019.
Update	The schematic design is complete. Detailed design is continuing with input from the Community Wellbeing teams.

#### **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 completed in the second half of the year.
Update	The contractor has now completed the majority of drainage works. The demonstration wetland has been completed and is ready for planting when the weather is favourable. Further works will occur when convenient and when works will have minimal impact on the construction of the playground and building.

### 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 completed early 2019 along with the other components of the site.
Update	Services and a large amount of the fencing has now been completed. Further foundations are being finalised and the area is starting to take shape. The fabrication of many of the larger items is taking place off site.

### Deep Creek Reserve – Cardinia Community and Education Centre

Project description	The Cardinia Community and Education Centre is a multi-user shared facility, combining sports, ecological values and education. 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 has 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 has commenced with services being installed in preparation for concrete slab pour.

### **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 provenance. 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 spring.

### **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 completed mid 2018, followed by a turf establishment period

Update Works are progressing well and are nearing completion. The shape and layout can now be seen clearly on site and construction of the greens and tees is taking place.

### **Emerald Netball Facility**

Project description Construction of new Emerald Netball Facility and associated infrastructure at Pepi's Land. The works will be undertaken in the following three stages:

- Stage 1b - Internal works including carpark, retaining walls, site services, stormwater drainage, netball courts, lighting and building platform for future pavilion
- Stage 1a - External works including road widening in Beaconsfield Emerald Road adjacent to the site.
- Stage 2 – Construction of new pavilion

Funding	The project is funded by Council
Timelines	Construction of Stage 1b works are underway and practical completion is expected in late May, early June.
Update	<p>Works are progressing well and nearing completion for stage 1b. The car park and courts are nearly complete. Outfall drainage is currently under construction.</p> <p>VicRoads has approved the design of Stage 1a; however, approval from service authorities is still outstanding. The construction contract is currently being prepared.</p> <p>Detailed design of the pavilion is continuing with input. It is anticipated that the construction contract will be tendered later in the year.</p>

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

Project description	<p>Reconstruction of 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 designs are currently being reviewed and finalised before a tender is issued.

### **Worrell Recreation Reserve pavilion**

Project description	Redevelopment of the football and cricket pavilion, which will now include an appropriate space for gym.
Funding	The project is fully funded by Council.
Timelines	Construction is expected to be complete by end of June 2019.
Update	The designs are currently being reviewed and finalised. Quotations have been received from architects and a report for approval is being submitted.

### **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.
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Stage 1 includes the construction of:

- 2 x ovals including cricket wickets, subsurface drainage, irrigation and flood lighting
- 4 x netball court and flood lighting
- 1 x practice cricket facility
- sedimentation basin, wetlands and water re-use pond (for irrigation purposes)
- internal access roads, carparks, footpaths and associated drainage
- earthworks for the future pavilion, car parking and associated drainage
- landscaping

**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 have been completed with the ovals being ready for the middle of the 2018–19 cricket season (weather dependent).

**Update** Works are complete and have been placed onto maintenance

Tender submissions for design consultancy services related to the pavilion have been received and assessed. A separate report will be tabled at this Council meeting with recommendations.

**Bunyip Recreation Reserve - temporary portables for soccer club**

**Project description** Provision of temporary change room facilities for the Bunyip Soccer Club, while the new facilities are constructed.

**Funding** The project is fully funded by Council.

**Timelines** Installation complete by April 2018, for the start of the soccer season.

**Update** The installation of the temporary portables, along with services is expected to be complete by the end of May.

**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 and irrigation and flood lighting, installation of a bore, power upgrade,

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 (\$100,000) and Council (\$50,000)
	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.
Timelines	Works are scheduled to commence in the 2018–19 financial year.
Update	Designs have been received from the consultant and are currently under review.

### **Holm Park Recreation Reserve Skate Park**

Project description	Construction of a concrete skate park at Holm Park Recreation Reserve, Beaconsfield.
Funding	The project is funded by the Australian Government's Department of Infrastructure and Regional Development and Council
Timelines	Works commenced in March and are anticipated to be complete by end of June.
Update	Works are underway with the bulk of the earthworks complete and the concrete pavements underway.

### **IYU Recreation Reserve carpark resurfacing**

Project description	Construction and sealing of the entrance road, carpark and associated access roads. The works include pavement and drainage works.
Funding	The project is funded by Council
Timelines	The works are expected to be complete by June.
Update	The contractors have commenced work on site.

### **Emerald Community Hub**

Project description	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 multi-purpose 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	Demolition works are complete with construction work starting. The library has not been unduly affected in its requirement for continuing operations.

**Arcadia Park, Officer**

Project description	<p>The design and construction of a neighbourhood park and playground at Arcadia Estate Neighbourhood 1 (east of Gum Scrub Creek). The park includes:</p> <ul style="list-style-type: none"> <li>• large climbing forest</li> <li>• swings</li> <li>• existing large trees</li> <li>• additional tree and garden bed planting</li> <li>• park features that relate to well-known children's stories</li> <li>• free Wi-Fi</li> <li>• a large deck and sand pit</li> <li>• feature paving</li> </ul>
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The theme of the park is based on well-known children's stories including 'Mother Goose', 'The 100 Storey Treehouse' and 'The Very Hungry Caterpillar' and ties in with the estate street names of famous authors.

Funding	This project is funded by Satterley (the developer of the estate) and is valued over \$1million
Timelines	The playground is anticipated to be opened in May
Update	Works are mostly complete with minor works and audit sign offs still to be done. The park is expected to be available for the community in the coming weeks.

**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	Detailed design is complete.
Update	The project is currently out to tender with recommended contractor expected to be presented to Council in July.



### 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-Cockatoo component through Emerald Lake Park and Wrights State Forest providing a link between the two towns was completed 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 is expected to be complete early 2018.
Update	<p>The trail is now substantially complete. One small section in front of the Cockatoo Primary school is awaiting power authorities to relocate a pole and allow the path to be upgraded at this location.</p> <p>Council will consult with the Eastern Dandenong Ranges Association in the development of signage along the trail.</p>

#### Shared trail and pedestrian crossing of Puffing Billy Railway

Project description	Construction of a shared trail from Como Street to Pinnocks Road and a pedestrian crossing of Puffing Billy railway at Pinnocks Road Emerald. The works include the construction of rail crossing point and associated fencing, asphalt and crushed rock pathways.
Funding	The project is jointly funded by Council and the Transport Accident Commission local government small scale infrastructure grant
Timelines	Works have commenced and are scheduled to be completed late May/early June weather permitting.
Update	The contractor was called away to undertake emergency works at Emerald Lake Park, which delayed the commencement of works. Works are now underway and should be complete early next month pending favourable weather conditions.

#### Emerald Lake Park

Project description	Replacement of outfall drainage pipe and reconstruction of Emerald Lake Park Road dam wall
Funding	The works are fully funded by Council
Timelines	Emergency works have commenced and are anticipated to be complete in the coming weeks. Additional works (such as landscaping) will be undertaken later in the year.



**Update** 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.

The pipe has been uncovered and replaced, along with the overflow pipe and the end wall structure. Temporary road access was provided to allow access over the wall for the Puffing Billy Great Train Race and other events. The road works are expected to be completed 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 being funded through VicRoads Blackspot Program

**Timelines** Works are expected to be complete by December.

**Update** Land acquisitions have delayed the commencement of the project. A licence agreement between Council and the Victorian Government for the purchase of the former Iona State School site has been finalised. Construction is expected to commence within the coming weeks.

**2017-18 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 also covered as part of this program.

**Funding** The \$563,000 program is fully funded by Council

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

**2017-18 new footpath program**

**Project description** Council’s footpath program looks to extend the footpath network in and around townships. The following footpaths have been selected to be constructed in the 2017-18 new footpath program:

Footpath location	Status	Timing (estimate)
Carnarvon Street, Lang Lang	Complete	
Railway Avenue, Bunyip	Complete	

	Bald Hill Road, Pakenham	Complete	
	Macclesfield Road, Avonsleigh	Complete	
	Fourteen Mile Road/Beswick Street Garfield	Complete	
	Pinnocks Road, Emerald	Complete	
	Rossiter Road, Kooweerup	Complete	
	Fairbridge Lane, Cockatoo	Complete	
	Belgrave Gembrook Road, Gembrook	Complete	
	Belgrave Gembrook Road/Puffing Billy Rail	Works have commenced	April/May
Funding	The \$850,000 program is fully funded by Council through the footpath and pedestrian and bicycle strategy programs		
Update	The Puffing Billy rail line path is currently under construction.		

### **2017–18 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 \$4.8 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 completed by the end of May		
Update	Works on Seven Mile Road, Nar Nar Goon are now complete, with works on Hall Road in Pakenham South underway following a delay receiving approval from Melbourne Water for works over a major pipeline.		
	Works on the asphalt overlay program are well progressed with 80% of overlay works complete to date and the remaining works are expected to be complete during May.		

### **2017–18 Unsealed road re-sheeting program**

Project description	The unsealed roads re-sheeting program is aimed to replenish approximately 45 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 \$960,000 program is fully funded by Council		
Timelines	It is anticipated that the program will be completed by April 2018		
Update	The 2017-18 program is complete, with just over 45 kilometres of roads		

having been re-sheeted.

### **2017-18 Unsealed footpath re-sheeting program**

Project description	This program aims to replenish approximately 8 kilometres of unsealed gravel footpaths with new crushed rock material that has been lost due to varied weather conditions and general wear and tear, resulting in an improved and safer surface for users of these footpaths.
Funding	The \$92,000 program is fully funded by Council
Timelines	It is anticipated that the program will be completed by May 2018
Update	An unexpected delay in commencing these works has occurred due to the availability of the contractor who was diverted to emergency works requested by Council. The works are now planned to be completed by the end of May 2018

### **2017-18 Drainage program**

Project description	The maintenance and upgrading of Council's drainage network.
Funding	The \$400,000 program is fully funded by Council
Timelines	It is anticipated that the program will be completed by the end of April
Update	Works on drainage upgrade in Beaty Parade, Cockatoo and Poplar Crescent in Emerald were completed in March.  Major culvert replacement on Ingram Road, Nar Nar Goon North has received approval from Melbourne Water and works have been scheduled for spring. Materials have been ordered and works will occur when the weather improves.  Drainage works in Sutherland Road, Upper Beaconsfield have recently commenced on site.

### **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) expected to be completed mid year.

Stage 2 (extending to Coach House Lane) will proceed following the completion of stage one and will be undertaken by Council.

**Update** Stage 1 works on Kenilworth Avenue are temporarily on hold due to a contractual dispute between the developer (who is funding the works) and the contractor delivering the project. Council officers are working closely with both the developer and contractor to try to resolve the issues as soon as possible so that works can continue.

Stage 2 design works are progressing well.

### **Jolley Road Bridge Replacement**

**Project description** Replacement of existing timber bridge with a contemporary reinforced concrete structure. The existing bridge was constructed in the 1930's and has a 10 tonne load limit which severely restricts the bridge being able to be used by large agricultural machinery and CFA fire fighting vehicles.

**Funding** The project is funded by Council and the Australian Government's Bridges Renewal Program.

**Timelines** Works to be completed by mid-2018

**Update** The contract for the replacement of this bridge was awarded to Victorian Green Work and they have commenced on site with works expected to be complete by the mid-2018.

### **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, they have established themselves on site and preliminary works have commenced.

#### **Pakenham Depot construction of stages 3 and 4 for the administrative building**

**Project description** Stages 3 and 4 include:

- completion of the lower and upper level of the concrete portion of the redeveloped building
- refurbishment of the metal shed portion providing full occupancy of the lower level and with opportunity for upper level as need may

- arise
- formal toolbox and meeting space for over 100 staff
- lift adjacent to reception and stair access to both buildings
- lunchroom incorporating kitchen, amenities including toilets for the disabled and showers
- multi-purpose room and sick bay, and
- formal meeting rooms and informal spaces

Funding	The project is funded by Council.
Timelines	Completion end of May 2018.
Update	Construction works are expected to be completed by May, then fit-out will commence.

**Pakenham Kindergarten redevelopment**

Project description	<p>The redevelopment includes</p> <ul style="list-style-type: none"> <li>• new 100m2 extension accommodating a new multipurpose area, storage room, staff room, amenities and covered outdoor storage space</li> <li>• renovations throughout the remainder of the building</li> <li>• replacement of weatherboards, timber fascia and gutters</li> <li>• replacement of evaporative cooler with two new multi-head air conditioning units</li> </ul>
Funding	The project is funded by Victorian Government Department of Education and Training grant (\$350,000) and Council.
Timelines	Works commenced late January 2018 and are due to be finished in June, with students and teachers to commence classes in Term 3. Students and teachers will be accommodated in another facility during construction
Update	Works are progressing on target for completion and occupation by the start of term 3.

***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>
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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                        A workshop facilitator has been appointed to run both the stakeholder and community workshops. The internal and industry stakeholder workshops were held in early May, with the community workshops due to be held in June.

**Pest plant management strategy**

**Project description**      The Pest plant management strategy 2012-2017 (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                        The facilitator appointed to undertake the workshops for the development of the BCS will be incorporating pest plant questions to gain information that will assist in the review of the PPMS

**ACTIVITY REPORTS**