

## **18 MAJOR PROJECTS REPORT**

FILE REFERENCE INT1938685

RESPONSIBLE GENERAL MANAGER Peter Benazic; Tracey Parker

AUTHOR Andrew Barr; Ben Wood; Desiree Lovell; Kristen Jackson; Walter Carmignani

### **RECOMMENDATION**

That:

1. 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 play space.
Funding	The project is funded by Council and a contribution through Sport and Recreation Victoria.
Timelines	The ovals are now on maintenance and not accessible until early 2020. The outstanding works will be completed before the start of Summer.
Update	<p>The following elements are complete:</p> <ul style="list-style-type: none"> <li>• bulk earthworks, irrigation and drainage to both ovals</li> <li>• kerb to car park</li> <li>• shelters have been installed</li> <li>• the pump shed, tank and ball catch net poles have been installed</li> <li>• light poles have been stood</li> <li>• sprigging to oval 1 and oval 2</li> </ul> <p>The following elements are underway:</p> <ul style="list-style-type: none"> <li>• fencing works to the ovals</li> </ul>

- electrical installation
- playspace works
- finishing works to carpark
- netball, basketball and practice cricket areas

The ovals will be re-sown in the spring time to supplement the sprigging that has occurred to date.

### 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	<p>The following works have been completed:</p> <ul style="list-style-type: none"> <li>• structural steel of building including verandah</li> <li>• roofing works</li> <li>• brickwork</li> <li>• carpentry framework</li> <li>• window frames</li> </ul> <p>The following works are underway:</p> <ul style="list-style-type: none"> <li>• plastering</li> <li>• verandah concrete</li> <li>• painting</li> <li>• tiling</li> </ul>

### Deep Creek Reserve

Project description	<p>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.</p> <p>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.</p>
Funding	The Deep Creek Reserve development is jointly funded by Council and the Victorian Government's Growing Suburbs Fund, with in-kind support from Pakenham Golf Club
Timelines	The reserve should be ready for public access by September 2019.
Update	<p>Civil works package: complete. This includes the car park, lighting, golf cart shed, drainage , kick-a-bout area and demonstration wetland. The contractor will be coming back to finish off some minor footpath works around the building in early July</p> <p>Play garden: complete. The site is on maintenance and will remain closed until works on the main building are complete to allow an establishment period for the plants. Final play items will be installed prior to opening of the reserve.</p> <p>Landscape package: There is extensive detailed landscaping at this site to enable it to be Council's premium environment education site, for this reason the landscaping has been split into a separate package. The</p>

contractor has commenced landscaping and shaping works, with the balance of planting currently taking place as the weather conditions become more favourable.

#### **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 project is jointly funded by Council and the Andrew's Foundation and is part of the Deep Creek Reserve.
Timelines	The reserve should be ready for public access by September 2019.
Update	<p>The following works have been completed:</p> <ul style="list-style-type: none"> <li>• foundation /services risers</li> <li>• concrete slab works</li> </ul> <p>The following works are underway:</p> <ul style="list-style-type: none"> <li>• steel framing is currently being erected</li> <li>• off site manufacture of green houses in progress .</li> </ul>

#### **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	The reserve should be ready for public access by September 2019.
Update	<p>The following works have been completed:</p> <ul style="list-style-type: none"> <li>• all in ground mains services</li> <li>• floor slab</li> <li>• internal timber stud framing</li> <li>• roof construction</li> <li>• air conditioning units have been installed</li> <li>• final window/door framing installation works</li> <li>• driveway and pathways to the building perimeter and access to the centre via eco playgarden</li> <li>• internal brick work feature walls</li> <li>• plaster finish to Golf Club Pro Shop</li> </ul> <p>The following works are underway:</p> <ul style="list-style-type: none"> <li>• plaster finishes to Café areas and reception/admin areas</li> <li>• joinery detail to reception area</li> <li>• floor tiling to toilet areas</li> <li>• fire place detail</li> </ul>

- bar/food servery areas
- cool room /refrigerated areas
- pathways to pro shop and cafes

### **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	This project is fully funded by Council
Timelines	Works are expected to be complete in July 2019, with a maintenance period to follow
Update	Irrigation sub-surface drainage to the oval is complete, the spoon drain and external drainage has been laid, oval fencing is well progressed and the new dam is now connected to the old dam. The placement of sand, followed by planting of the oval is currently underway.

### **Bunyip Recreation Reserve Soccer pavilion**

Project description	Construction of a new pavilion servicing soccer, cricket activities and includes provision for community use.
Funding	Council and the Victorian Government's Building Better Regions Fund are jointly funding this project.
Timelines	Construction to be completed by February 2020.
Update	Works commencing on site have been delayed due to issuing of the building permit and additional consultation but are due to commence soon

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

Project description	Construction of a new pavilion for football and cricket. Facilities will also include a gym for community use.
Funding	The project is fully funded by Council (\$2.8m)
Timelines	Works are due to be completed in January 2020.
Update	The following works have been completed: <ul style="list-style-type: none"> <li>• demolition works/site clearance /preparation</li> <li>• rerouting of the main services</li> <li>•</li> </ul> The following works are underway: <ul style="list-style-type: none"> <li>• ground excavation and foundation works</li> <li>• underground services and riser locations pre floor slab</li> </ul>

- the structural steel frame is being manufactured

### Lang Lang Community and Recreation Precinct pavilion

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 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 so far \$13.5 Million to the design and construction of civil and building works between 2015-16 and 2020-21.
Timelines	The pavilion is due to be completed by December 2019
Update	The following works have been completed <ul style="list-style-type: none"> <li>• foundation works and services riser locations</li> <li>• pre-cast panel manufacture</li> </ul> The following works have commenced <ul style="list-style-type: none"> <li>• steel framework</li> <li>• pre-cast panelling erection</li> <li>• roofing works</li> </ul>

### Comely Banks Recreation Reserve – pavilion

Project description	Construction of a new pavilion servicing rugby, football, cricket, bowls activities and includes provision for community use.
Funding	Council and the Victorian Government jointly fund this project
Timelines	Pavilion construction is due to be tendered in July 2019.
Update	The schematic design for the pavilion has been completed and the statutory approval application has been submitted

### 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
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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 expected to commence in September and be completed in February 2020, which will be the commencement of the establishment/maintenance period.

**Update** The contract has been awarded, program of works is being finalised and the school is being kept informed.

#### **Koo Wee Rup Recreation Reserve netball pavilion upgrades**

**Project description** Extend and upgrade the netball pavilion to provide home and away change and unisex toilet and shower facilities

**Funding** Council and the Victorian Government (\$400,000) fund this project.

**Timelines** The project is due for completion by December 2020

**Update** Council has been working with the netball club and the reserve committee of management to prepare draft concept plans for the pavilion upgrade project. Architect appointed and final schematic plans for the upgrade ready prior to detail design. The plans will be finalised with the clubs and committee once Council's new Sport Facility Standards Policy is endorsed.

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

**Project description** Construct new football/cricket change rooms on the site of the existing building.

**Funding** Council, the Victorian Government (\$400,000) and the Australian Government (\$1.208m)- through the Building Better Regions Fund 3 Program fund this project

**Timelines** The project is due for completion by December 2020

**Update** Council has been working with the football, cricket and equestrian clubs and the reserve committee of management to progress the project and seek additional funding. Draft concept plans for the new pavilion have been prepared for discussion. The plans will be finalised with the clubs and committee once Council's new Sport Facility Standards Policy is endorsed.

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

**Project description** Construction of new change rooms at Cora Lynn Recreation Reserve.

**Funding** This project is jointly funded by Council and the Victorian Government (\$3m) through Community Sports Infrastructure Fund

Timelines	Project is currently in the design phase. A construction timeline is to be developed.
Update	Concept plans have been prepared for the new change rooms. The scope of the project will be finalised with the Victorian Government, reserve committee of management and reserve user groups once Council's new Sport Facility Standards Policy is endorsed.

### **Hills 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 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.
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Funding	<p>The project is jointly funded by:</p> <ul style="list-style-type: none"> <li>• Council (\$4.88 million)</li> <li>• Australian Government's National Stronger Regions Fund (\$1.5 million)</li> <li>• Victorian Government Growing Suburbs Fund (\$1.5 million)</li> <li>• Eastern Dandenong Ranges Group/Dandenong Ranges Community Bank Group (\$250,000).</li> </ul>
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Timelines	Construction is due to be complete by September 2019.
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Update	<p>The following works are complete:</p> <ul style="list-style-type: none"> <li>• structural steel installation</li> <li>• blockwork walls</li> <li>• steelwork to all areas fixing framing /cladding detail</li> <li>• first fix services installation</li> <li>• Roofing</li> <li>• Hydraulic /mechanical services first fix</li> <li>• external cladding fixing detail</li> </ul>
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The following works are underway:

- ground floor fitout
- external cladding finishes
- hydraulic /mechanical fitout

### **Koo Wee Rup Tennis Club upgrade**

Project description	The construction of two new tennis courts and the refurbishment of the existing tennis courts. The works include acrylic surfacing, improved lighting and shelters.
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Conversion of swimming clubroom to tennis club facility

Funding	Council and the Victorian Government – Sports and Recreation Victoria are jointly funding this project.
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Timelines	The tennis court construction and refurbishment is complete
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The conversion of the swimming clubroom is to be completed by April 2020

Update The courts are now complete with the Active Reserves team working with the club to open the courts to the public.

The following works for the clubroom conversion are complete:

- approval of the schematic layout
- planning permit has been submitted

Detailed documentation for the clubroom conversion is currently being prepared ready to tender later in the year

### **Roads, paths, drains and bridges**

#### **Bridge Road duplication**

Project description Duplication of the northern carriageway of Bridge Road between Niki Place and Optima Street.

Funding This project is funded through Council Roads program, the Cardinia Road DCP and the Australian Government's Roads To Recovery Program jointly fund the program.

Timelines The duplication of Bridge Road is complete with guardrails to be installed in the coming months.

Update The duplication works are now complete, however a reduced speed limit will still be in place at the roundabout until guardrail works are complete.

#### **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 Kenilworth Avenue has been closed, only allowing access for local traffic, while the developer meets all their requirements.

The design of stage 2 works is currently being finalised and will be tendered in the coming months.

#### **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 Spring 2019.
Update	The dam wall downstream protection works have been quoted and are currently being assessed, these are to take place over winter, when park usage numbers decline. These works will be followed by the installation of guardrail.

### **Toomuc Creek pedestrian bridges north and south**

Project description	Toomuc Creek pedestrian bridges are a design and construct project which involves removal and replacement of the existing pedestrian bridge near Toomuc Reserve and design and installation of a new pedestrian bridges over Toomuc Creek south of the train line.
Funding	Council funds the northern bridge and the new pedestrian bridge south of the rail line is funded through the DCP.
Timelines	The project is due for completion by late 2019.
Update	The contract has been awarded and contract document finalised. The program of works has been finalised and the local schools are being advised of the projects progress.

### **PB Ronald Reserve car park**

Project description	The removal of the fuel tanks from the old depot site, the demolition of the old depot building and the construction of a car park.
Funding	The program is fully funded by Council.
Timelines	The car park works are expected to be completed early August.
Update	Construction of the new portion of car park is well underway. Following this, rehabilitation of the adjoining existing car park will be undertaken.

### **Blackspot Project – installation of w-beam safety barriers at Paternoster Road**

Project description	Installation of profiled (audio tactile) edge lines along entire section of Paternoster Road and installation of w-beam safety barriers at two accident-prone locations identified as black spots.
Funding	VicRoads fully funds this project through their Black Spot Program.
Timelines	The project is due for completion by December 2019
Update	7.8 kms of audio tactiles have been installed along the edge lines of Paternoster Road. Stage 2 will be installation of guardrail with removal of several trees required to complete the works. This work is proposed to be undertaken in September/October and will complete blackspot requirements.

### **Blackspot Project – guardrail and w-beam safety barriers on Main Drain Road South**

Project description	A 2.3km section of Main Drain Road South, Bunyip, from Bunyip Modella Rd to 13 Mile Road, has been identified for blackspot works. The works include installing W Beam Safety Barriers along the Bunyip River side, and guardrail along the residential side of the road
Funding	VicRoads fully funds this project through their Black Spot Program.
Timelines	The project is due for completion by December 2019
Update	Negotiations with Melbourne Water (MW) are complete and a tender for the works is

being prepared.

### **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 due to be completed by end of June 2019.
Update	Final designs and updated flood modelling are underway for the stormwater drainage replacement and realignment works to be undertaken in the rear of properties along Caroline Avenue, Cockatoo. The final design will be completed by mid June with construction to commence immediately after.

A detailed stormwater investigation is to be undertaken at the Rossiter Road Station Street intersection in Koo Wee Rup. This investigation will include locating all drainage and services within the immediate area, assessment of the condition of the existing assets, flood modelling for the intersection and determination of the current outfall and its suitability. The investigation is due to be completed by the end of June 2019.

### **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	The works program for 2018-19 is finished.
Update	The additional bushfire recovery works at Garfield North Road including drainage rectification and increased environmental (silt loading ) protection following the fires is now complete.

### **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	Under construction
Kennilworth Ave , Beaconsfield	October	Complete
Bald Hill Road, Pakenham	January	Complete
Anderson Road, Bunyip	October/November	Complete

	Main Street, Bunyip	October/November	Complete
	Gembrook Road and Redwood Road , Gembrook	November	Complete
	Pinnocks Road, Emerald (Gravel path)	April 2019	Deferred
	Grange Court, Koo Wee Rup	January/February 2019	Complete
	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 new footpath program is complete.		
	Station Street, Pakenham pedestrian crossing with flashing lights is under construction, and nearing completion.		
	A pedestrian crossing with flashing lights in Windermere Boulevard, Pakenham is proposed to be constructed. This will require extensive footpath, kerbing, asphalt and electrical works. A tender for construction is currently being prepared.		

### **Railway Avenue Road closure**

Project description	The closure of Railway Avenue at the intersection of Racecourse Road
Funding	The program is fully funded by Council.
Timelines	The works are expected to be completed by the end of June 2019.
Update	Asphalt and line marking works were completed in late May and permanent bollards to prevent entry are to be installed mid-June

### **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 jointly funded by Council and the Victorian Government's Growing Suburbs Fund.
Timelines	This project is due for completion early July 2019.
Update	The following works have been completed <ul style="list-style-type: none"> <li>• steelwork, roofing and framing</li> </ul>

- external cladding complete.
- installation of services
- new car park area

The following works are underway

- internal fit out works
- toilet amenities (temporary toilet facility is still in operation)
- external ground /paving works/landscaping

### **My Place and the Operations Centre solar electricity systems**

**Project description** Installation of solar electricity systems at the Operations Centre on the new office building and My Place.

**Funding** This project is funded by Council.

**Timelines** This project is due for completion in winter 2019.

**Update** The installation of the 31kW solar electricity system on My Place is complete.

Structural engineering approval for the solar electricity system for the new office building at the operations centre, has been finally been received.

### **Officer Town Centre landscape works**

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

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.

**Funding** Fully funded by Development Victoria under their permit for Officer Town Centre. Works on the tank park itself are costed at over \$750,000

**Timelines** Works are due to be completed by October 2019.

**Update** Works are well under way on the tank park. Tank stabilisation, underground drainage and subsurface requirements are complete. Formwork for decking and walls are complete with cladding commencing and the majority of concrete has now been laid. Works on the main structure will begin shortly.

Works around the central energy plant are complete, with a treatment to the Ausnet electricity box to be completed within 6 months.

### **Kaduna Park Neighbourhood Park**

**Project description** Developer delivered landscape embellishments to 1ha public open space being created in the first stages of Kaduna Park Estate

The centrepiece of the park is a 6m tall slide tower complimented by other play elements such as swings and climbing units. There is also a

basketball half court, large kickabout zone, shelters and BBQ facilities being delivered. The park will be landscaped with predominantly indigenous and native vegetation fitting the Australian Landscape Theme in the PSP.

Funding	Embellishment works are part of the DCP provisions for Cardinia Road Employment Precinct and any overspend will be fully funded by Parklea. Total cost is estimated at \$1m.
Timelines	Works are due to be complete in Spring 2019.
Update	Playground equipment and major structures are beginning to be installed and concrete embellishments finalised prior to soft landscaping.

### **Arcadia Neighbourhood 2 (NH02) Reserve**

Project description	Developer delivered landscape embellishments to 1ha public open space adjoining future drainage reserve in Arcadia Estate. Park is adjacent to Officer South Road and Flanagan Avenue.
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The theme of the park is 'Where the Wild Things Are' highlighted by 5m tall tree sculptures on site. A dual flying fox, accessible carousel, swings, climbing frames, shelters and skate zone will ensure this park caters to all ages and abilities, given its proximity to Officer Specialist School and Officer Secondary College.

Funding	Fully funded by Satterley under their permit for Arcadia Neighbourhood 2. Works are valued at over \$1.4m
Timelines	Works are due to be completed late 2019.
Update	Playground and skating area installation is well underway with most structures and larger features installed. Final rock work and concrete will be complete in coming weeks allowing soft landscaping to commence.