

14 MAJOR PROJECTS REPORT

FILE REFERENCE INT1962386

RESPONSIBLE GENERAL MANAGER Peter Benazic; Tracey Parker

AUTHOR Andrew Barr; Ben Wood; Desiree Lovell; Kristen Jackson; 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 status of major projects in progress. It includes an update on major projects, capital works, special charge schemes and asset management current at the time of this report.

BACKGROUND

Recreation 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	Asphalt to the internal roads and car parks will be placed in early spring, when weather conditions improve which will complete the car park works.

Construction of the ovals is complete. The ovals will be re-sown in the spring time to supplement the sprigging that has occurred to date. Light poles have been stood and lights are operational to oval 1

The following elements are underway:

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

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 completed by mid-October 2019.
Update	<p>The following works associated with the building have been completed:</p> <ul style="list-style-type: none"> • fit outs including change room, • tiling • extract installation <p>The following works are in progress</p> <ul style="list-style-type: none"> • fit outs kitchen, social areas, electrical • internal wall finishes - painting • Internal finishes - joinery • tiling, epoxy floorings • External paving and driveways • Landscaping • VA artwork preparation

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 Spring 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 has returned to site to complete some earthworks and minor footpath works around the building.</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 contractor is continuing with the landscaping and shaping works, with</p>

the balance of planting planned for the coming weeks.

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 Spring 2019.
Update	<p>The following works have been completed:</p> <ul style="list-style-type: none"> • foundation /services risers • concrete slab works <p>The following works are underway:</p> <ul style="list-style-type: none"> • steel framing is currently being erected • off site manufacture of green houses • power cabling to site

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 Spring 2019.
Update	<p>The following works have been completed:</p> <ul style="list-style-type: none"> • reception area joinery • specialist ceiling features • floor tiling to toilet areas • cool room/refrigerated areas • external beer/bin store compound • bar/food servery areas • fire place detail <p>The following works are underway:</p> <ul style="list-style-type: none"> • kitchen /bar servery fit out • painting and wall finishes • pathways to pro shop and cafes • external driveway, paths and porte-cacheur entrance • external seating details • VA Information preparation works (info wall) • installation of joinery units /cupboards /counters • installation of light fittings • final floor preparation works – carpet areas

- solar panelling system

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	The project has reached substantial completion, there are some minor works which are still outstanding and these are expected to be complete early spring 2019 subject to favourable weather conditions, 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. Sand has been placed and the oval has been sown with rye grass. This will be sprayed out in spring and replaced with couch. A practical completion inspection is currently being organised.

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 March 2020.
Update	The following works have been completed: <ul style="list-style-type: none"> • all in ground mains services • concrete foundation works • offsite structural steel work manufacture <p>The following works are in progress</p> <ul style="list-style-type: none"> • concrete slab pour to pavilion area • structural steel erection

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 complete in February 2020.

Update	<p>The following works have been completed:</p> <ul style="list-style-type: none"> • demolition works/site clearance /preparation • rerouting of the main services • ground excavation and foundation works • underground services and riser locations pre floor slab • structural steel framework manufacture (offsite) <p>The following works are underway:</p> <ul style="list-style-type: none"> • structural steel erection (lower section) • storm water drainage connections • rerouting sewer drainage connections
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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	<p>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.</p> <p>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.</p>
Timelines	The pavilion is due to be completed by December 2019

Update	<p>The following works have been completed</p> <ul style="list-style-type: none"> • foundation works and services riser locations • pre-cast panel manufacture • pre-cast panelling erection • steel framework • anti graffiti application • storm water pit <p>The following works have commenced</p> <ul style="list-style-type: none"> • concrete slab pour • roofing works • services rough in works • storm water drainage connection • services conduit for scoreboard • staircase details to balcony areas
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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 commence in October 2019.
Update	The following works have been completed

- statutory approvals submitted
- tender closed

The following works have commenced

- tender analysis and evaluation process
- preparation of tender recommendation
- submission for Council approval of tender recommendation

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 and Council</p> <p>The secondary college is funded by the Victorian Government's Department of Education of which a portion is allocated for the oval upgrade works.</p>
Timelines	<p>After negotiations with the successful contractor, works commenced in July and should be completed in December 2019 (pending a dry winter), which will be the commencement of the establishment/maintenance period.</p>
Update	<p>The contract has commenced site establishment and spraying out of the grass. The ovals have been stripped and some minor demolition have taken place.</p>

Koo Wee Rup Recreation Reserve netball pavilion upgrades

Project description	<p>Extend and upgrade the netball pavilion to provide home and away change and unisex toilet and shower facilities</p>
Funding	<p>Council and the Victorian Government (\$400,000) fund this project.</p>
Timelines	<p>The project is due for completion by December 2020</p>
Update	<p>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. Following the endorsement of Council's new Sport Facility Standards Policy, the concept plans have now be revised and consultation with the clubs and committee undertaken.</p>

The following works have been completed:

- final concept scheme submitted for user group /stakeholder approval
- final scheme approved by user groups

The following works are underway

- statutory applications
- detail design and tender documentation preparation

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. Following the endorsement of Council's new Sport Facility Standards Policy, the concept plan has now been revised and consultation undertaken with the clubs and committee.

The following works have been completed

- final concept scheme submitted for user group /stakeholder approval
- final scheme approved by user groups

The following works are underway

- statutory applications
- detail design and tender documentation preparation

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. Following the endorsement of Council's new Sport Facility Standards Policy, the concept plan has been revised and consultation undertaken with the reserve user groups and the committee of management. The revised scope of the project will be finalised with the Victorian Government for the reduced loan amount,

The following works are underway

- final Concept Scheme submitted for user group /stakeholder approval
- final scheme approved by user groups

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. Conversion of swimming clubroom to tennis club facility
Funding	Council and the Victorian Government – Sports and Recreation Victoria are jointly funding this project.
Timelines	The tennis court construction and refurbishment is complete The conversion of the swimming clubroom is to be completed by April 2020
Update	The courts are now complete with Council staff working with the club to open the courts to the public. With regards to conversion of swimming clubroom to tennis club facility, the schematic layout has been prepared and approval being sought. The planning permit has been submitted in preparation. Detailed documentation for the clubroom conversion is currently being prepared ready to tender later in the year

Roads

Sealed road network

Reseal and rehabilitation program

The annual reseal and rehabilitation program for 2019-20 is currently under development with tenders expected to be advertised in the next two months, with a report to Council scheduled for November.

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	Design is finalised with a tender to be advertised for the works in the coming month.

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	Installation of guardrail with removal of several trees is proposed to be undertaken in September/October and will complete blackspot requirements. The installation of the audio tactile line marking has been completed.

Unsealed road network maintenance

Project description	Council maintains a large unsealed road network, which is 873 km in length. Maintenance works consist of both grading and resheeting done on a cyclic basis, along with response to defects caused by adverse weather conditions such as storms or long dry spells. All works are conducted in accordance with Council's Road Management Plan, which ensures that the network is kept in a safe and trafficable condition.
Funding	Annual maintenance budget \$3.8 million
Update	In the April-June quarter: <ul style="list-style-type: none"> • 831km of unsealed road graded, 4% lower than last quarter and slightly higher than the same time last year. • 16,834 tonnes of unsealed road resheeting, 120% higher than last quarter and 25% lower than the same time last year. The reduction in unsealed road resheeting is due to the need for increased numbers of Council trucks being used for water cartage during the extended dry period.

Paths, drains and bridges

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 are complete. The installation of public safety culvert grille and guardrail along the dam wall to be completed before the end of winter.

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 the design has been approved by Melbourne Water, the construction methodology is currently being finalised. Local schools and other user groups have been contacted regarding the projects progress and will continue to be informed.

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 in September.
Update	Inclement weather, particularly in July has delayed this project by a few weeks. It is proposed to be completed by early September.

2019-20 New footpath program

Project description	<p>Council's footpath program looks to extend the footpath network in and around townships. The footpaths to be constructed in 2019-20 are:</p> <ul style="list-style-type: none"> • Leigh Dive, Pakenham (missing section across properties 51,53 and 53A) • Belgrave-Gembrook Road, Avonsleigh (connect path to bus stop near Margaret Road) • High Street, Bunyip (south of roundabout with A'Beckett Road – missing link) • Fieldstone Boulevard, Beaconsfield (pram Crossings at Holm Park Road Intersection) • Malouf Court, Pakenham (end of Malouf Court to Henry Road) • Webster Way, Pakenham (existing path to bus stop opposite 104) • Kenilworth Avenue, Beaconsfield (approx 120m north of Soldiers Road to station) • Belgrave Gembrook Road, Cockatoo (connect footpath to bus stop opposite Amphlett Avenue) • Slattery Place, Pakenham (Railway Avenue north for approx 235m to bend 0 racecourse development) • Ahern Road, Pakenham (missing link outside No.118) • Old Princes Highway, Beaconsfield (Desmond Court to Princes Freeway offramp signalised intersection – south side) • Princes Highway, Pakenham (path from Racecourse Road north to Princes Highway to bus stop opposite Army Road) • Emerald-Beaconsfield Road , Emerald (opposite Kings Road to Crighton Road - east side) • Neville Street, Cockatoo (in front of No. 22 creates a link from Alma Treloar Reserve to Steane Street and Midnight Avenue) • Steane Street, Cockatoo (between No.3-7 that create a link between Midnight Avenue and existing path through to Alma Treloar) • Princes Highway, Pakenham (connect bus stop between James Street and Henry Street to footpath network) • Ahern Road, Pakenham (from No.143 to No.165) • Rosebury Street, Lang Lang (Western Port Road to Carnarvon Street) • Payne Road, Beaconsfield (Emerald-Beaconsfield Road to opposite No.90) • Kenilworth Avenue, Beaconsfield (Station Street west to Bus Stop) • Windermere Boulevard, Pakenham (installation of flashing zebra crossing)
Funding	The \$800,000 program is fully funded by Council through the footpath and pedestrian and bicycle strategy programs.
Update	The footpath program for 2019-20 has been finalised and each of the proposed projects is currently being scoped and priced.

2019-20 Footpath maintenance program

Project description	The maintenance of Council's existing footpath network, as set out in Council's Road Management Plan (RMP).
Funding	The program is fully funded by Council.
Update	<p>A full inspection of all of Council's entire footpath network has just been completed and the findings from these inspections are being compiled and priorities for repair works to commence.</p> <p>Any defects outside the intervention levels that are highlighted as part of this regular inspection or any other inspections of Council's footpath network or through requests from residents are currently being repaired.</p>

2018-19 Drainage program

Project description	The maintenance and upgrading of Council's drainage network.
Funding	The program is fully funded by Council.
Timelines	This program is due to be completed by end of June 2020.
Update	Final designs and updated flood modelling for Caroline Avenue, Cockatoo to replace and realign drainage assets in the rear of properties has been completed and quotes are being sought for the works.

A detailed stormwater investigation has been completed at the Rossiter Road/ Station Street intersection in Koo Wee Rup. This investigation has assessed the existing condition of the stormwater infrastructure in and around the intersection. This information has been used to develop flood models for the surrounding area. The outcome of this investigation has been a number of proposed works that may be undertaken to alleviate flooding that occurs within the intersection during periods of heavy rain, each of these proposed solutions is being assessed to determine the best option for implementation.

The program of works for the upcoming financial year has been finalised.

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 in August 2019.
Update	The overall project is now nearing completion. Final commissioning works are currently in progress with an opening being prepared for the near future.

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.
Funding	The project is jointly funded by: <ul style="list-style-type: none"> • Council (\$4.88 million) • Australian Government's National Stronger Regions Fund (\$1.5 million) • Victorian Government Growing Suburbs Fund (\$1.5 million) • Eastern Dandenong Ranges Group/Dandenong Ranges Community Bank Group (\$250,000).
Timelines	Construction is due to be complete by September 2019.
Update	<p>The following works are complete:</p> <ul style="list-style-type: none"> • external cladding detail to the perimeter of the building • main stair access to first floor • reception area/foyers • tiling to toilet areas • art work support detail • wall areas to men's shed • toilet amenity fit out • artwork lighting installation • plaster board lining to first floor studio area • plasterboard lining to first floor meeting rooms <p>The following works are underway:</p> <ul style="list-style-type: none"> • ground floor fit out • lift installation • fire tank installation works • artwork lighting installation • plaster board lining to ground floor area • joinery fitout /reception area • sound curtaining detail to the studio area • kitchen area fitout • external paving

Operations Centre solar electricity system

Project description	Installation of a solar electricity system at the Operations Centre on the new office building
Funding	This project is funded by Council.
Timelines	This project is due for completion in 2019.
Update	An updated structural engineering assessment is being completed, following recent works to strengthen the building.

Officer Town Centre landscape works

Project description	<p>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.</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	Works have been completed.
Update	<p>Landscape works are completed and the site is now open to the public</p> <p>Works around the central energy plant are complete, with a treatment to the Ausnet electricity box to be completed within 6 months.</p>

Kaduna Park Neighbourhood Park

Project description	<p>Developer delivered landscape embellishments to 1ha public open space being created in the first stages of Kaduna Park Estate</p> <p>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.</p>
Funding	<p>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.</p>
Timelines	Works are due to be complete in Spring 2019.
Update	Bulk landscape works are all that is outstanding to be completed before the park will be open to the public

Arcadia Neighbourhood 2 (NH02) Reserve

Project description	<p>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.</p> <p>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.</p>
Funding	<p>Fully funded by Satterley under their permit for Arcadia Neighbourhood 2. Works are valued at over \$1.4m</p>

Timelines	Works are due to be completed late 2019.
Update	Works have been held up by weather and access to the wetlands reserve. It is likely the park will be close to complete but unable to be open until heavy construction machinery has completed the works around the wetland due to safety concerns. The playground is adjacent to what will continue to be a construction zone until Spring.

CONCLUSION

This regular activity report is provided for Councillors' information.