

9 MAJOR PROJECTS REPORT

FILE REFERENCE INT1916359

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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.

(Continued)

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 works are expected to be complete by May 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 and the shelters have been installed. Irrigation to oval 1 and 2 is now complete. Subsurface drainage to oval 1 is complete with works to oval 2 nearing completion. The pump shed, tank and ball catch net poles have also been installed. Spoon drains to both ovals and kerb and channel to the carpark is complete. Fencing works to the ovals is near completion. Electrical installation is also nearing completion and the light poles have been stood.

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 main contractor is Lloyd Group Pty Ltd. The contractor has commenced site establishment and has completed ground slab and incoming services points. Structural steel framing is underway.

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 mid 2019.

Update	<p>Civil works package: Works on the kickabout and car park areas are now complete.</p> <p>Play garden: Landscape works are now complete with the contractor undertaking maintenance. The site will remain closed until works on the main building are complete to allow an establishment period for the plants</p> <p>Landscape package: Planting of the aquatic plants within the demonstration wetland is now complete. General landscaping and shaping works are underway, with the balance of planting currently taking place as the weather conditions become more favourable.</p>
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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 late April 2019 to be completed end of August 2019.
Update	Tenders closed on 20 February and are currently being assessed for the delivery of the nursery components. The prices came in higher than anticipated, so the scope of the project is being revised without detriment to the purpose of the building. A tender acceptance report is due to be presented to the April Council meeting.

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 July 2019.
Update	<p>Building construction works completed include all in ground mains services, floor slab and internal timber stud framing.</p> <p>Roof construction is complete and air conditioning units have been installed. Internal services (power /data /ducting) is ongoing and wall-lining works has commenced. Final window/door framing installation works has been completed.</p> <p>Driveway and pathways to the building perimeter and access to the centre via Eco Playgarden have been completed.</p>

Emerald netball facility

Project description	<p>Construction of the new Emerald Netball Facility and associated infrastructure at Pepi's Land. The works will be undertaken in the following three stages:</p> <ul style="list-style-type: none"> • Stage 1a - External works including road widening in Beaconsfield Emerald Road adjacent to the site. • Stage 1b - Internal works including carpark, retaining walls, site services, stormwater drainage, netball courts, lighting and building platform for future pavilion. • Stage 2 – Construction of new pavilion.
Funding	The project is funded by Council.(\$2.6m)
Timelines	<p>Construction of Stage 1b works are complete.</p> <p>Tendering of Stage 1a works are to occur in mid 2019.</p> <p>Tenders for the pavilion is expected to be advertised in mid 2019 also.</p>
Update	<p>The internal civil works have reached practical completion.</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 for Stage 2 is continuing, with the liaison with service authorities for the provision of services to the site. A revised concept design is to be reviewed by the club in order to commence detail design.</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 February 2019
Update	The concrete has been poured for both courts, the fences have been installed and the surfacing is underway. The lighting will be installed by the end of March.

Officer Recreation Reserve no. 2 (western) oval reconstruction

Project description	<p>Reconstruction of the western oval at the Officer Recreation Reserve, Starling Road Officer.</p> <p>The works include, but are not necessarily limited to reorientation, reshaping and resurfacing of the oval and the installation of subsurface drainage, irrigation and perimeter fence.</p> <p>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</p>
Funding	Council funds the project.
Timelines	Works are expected to be complete in June 2019.
Update	The extension of the dam has been dug out and this has provided the required additional fill to address the sub base of the oval. Top soil has been placed on the oval, with irrigation and the drainage works following on after this.

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 is to be completed by December 2019.
Update	Insight Construction Group were awarded the construction contract at the February Council meeting. Pre commencement meeting has been held on site with works due to commence in coming weeks.

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 commence early April with completion expected in late January 2020.
Update	The tender for the new pavilion closed on 20 February and a good response was received. The tender evaluation is complete with a tender recommendation report to be presented separately to this meeting.

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	The oval now is in establishment period. The bore installed on site is producing good quality and flow of water. This will reduce the on going costs in relation to irrigation. The only outstanding works remaining is the cricket practise wicket and site demobilisation.

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 in excess of \$10 million to the project between 2015-16 and 2020-21.
Timelines	The pavilion is due to be completed by December 2019
Update	The pavilion contractor has completed site set up and have commenced excavation works on site. Foundation works (piers) completed and under slab pipework installed.

Comely Banks Recreation Reserve – civil works

Project description	Design and construction of a grassed area which can accommodate either 2 ovals or 4 rectangular pitches, along with associated car park and other infrastructure to service a recreation reserve.
Funding	The project is fully funded by Council.
Timelines	Design is expected to be completed by March 2019.
Update	Preparation of the detailed design on the recreation reserve is now complete. Schematic design for the building is currently in development

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 expected to commence in September and be completed in February 2020, which will be the commencement of the establishment/maintenance period.
Update	The tender for this project has closed and tenders are currently being assessed with a report to be presented to the April Council meeting.

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). Negotiations are occurring with state government regarding utilisation of funding towards a new football and cricket pavilion.
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/replacement 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 date to be confirmed.
Update	Council officers approved developing a concept plan for the new change rooms/alterations and upgrade to existing multi purpose function facilities. Architect instructed to provide schematic designs for review /approval.

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 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 completed by September 2019.
Update	Construction works are showing good momentum and progress. Works are complete on the structural steel installation at first floor level. Blockwork walls completed and areas are being prepared to receive internal framing.

Cochrane Park Tennis Courts

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.
Funding	Council and the Victorian Government (\$250,000) are jointly funding this project.
Timelines	Project completion is scheduled for April 2019.
Update	The four courts have been constructed. The surface preparation is underway with line marking to follow. The lighting and furniture are on order and are expected early April.

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 project is due for completion in mid-March.
Update	Works on site are well progressed with the stabilisation of the subbase for the pavement construction completed. Drainage works are now complete and the electrical works are well under way. Works are on track for completion in mid-March.

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	Council officers have been able to broker a deal between the developer and the contractor which was agreed to by all parties prior to Christmas. It is anticipated that once all of the requirements of the agreement have been met that construction will commence shortly.
	Stage 2 works will be tendered shortly to allow for the timely follow-on from stage 1.

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 dam wall downstream protection works should be awarded and programmed for works with the successful contractor within the next month. It is expected that these works will take place after the Easter weekend, when park usage numbers decline.

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 mid 2019.
Update	This tender for the construction of the two bridges has closed and are currently being assessed.

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	3 underground fuel tanks were removed and this part of the project is complete. The project is due for completion June 2019
Update	The tenders for the car park construction works have now closed and are being assessed with a recommendation report to be presented at the April Council meeting.

Blackspot project – installation of w-beam safety barriers at Paternoster Road – blackspot project

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	Preliminary design was undertaken with a number of changes recommended. Final design is expected by the end of March, and then tenders for construction will be sought.

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 are being undertaken with Melbourne Water on a final and agreed design and boundary delineation issues between Council land and MW land.

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 May 2019.

Update	<p>Major culvert replacement works on Bald Hill Road have been completed including the installation of new compliant guardrails on either side of the culvert.</p> <p>Major culvert replacement works on Ingram Road are nearing completion with works to be completed prior to the end of February.</p> <p>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 is to be completed by late March.</p>
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2018-19 Road renewal and resurfacing program

Project description	The significant proactive maintenance and upgrade of Council's 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	<p>Taplins Road and Garfield North Road rehabilitation projects are now complete, with a final road seal to be done late 2019.</p> <p>The works at Garfield North Road include the extension of Garfield North Road to past the entrance to Mt. Cannibal</p> <p>Works on the Army Road roundabout in Pakenham are now complete.</p> <p>Berglund Rd, Beaconsfield Upper works are now complete. The works included the extension of the sealed area on this very steep section of road to improve safety.</p> <p>Asphalt overlay works are complete also.</p> <p>Works on the reseal program have commenced and will be complete by the end of the month. The works started with the rectification works to address Council's concerns relating to the 2017-18 reseals and then followed by this year's program.</p>

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 26 kilometres of roads re-sheeted to date.

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 or through requests from residents are currently being repaired. Council officers have started the planning for the full inspection of Council's entire footpath networks, which is required to occur this year.

2018-19 Unsealed footpath re-sheeting program

Project description	This program aims to replenish approximately 4 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.
Timelines	It is anticipated that the program will be completed by March 2019
Funding	This program is fully funded by Council
Update	The 2018-19 unsealed gravel footpath re-sheeting program has commenced with works planned to be completed in March 2019.

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	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	ongoing
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 concrete footpath component of the program is complete.

Pinnocks Road gravel path - boundary titles have been confirmed and discussion with residents on type and location of footpath is being undertaken. Proposed to be constructed by end of April 2019

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 jointed funded by Council and the Victorian Government's Growing Suburbs Fund.
Timelines	This project is due for completion in 2019.
Update	Steelwork, roofing and framing is complete and external cladding commencing. The installation of services and internal fitout works are continuing. The new carpark has been completed. Temporary toilet facility is still in place.

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 by the end of the financial year.
Update	4 Quotations have been received for the solar electricity systems. A contractor is being appointed with works to commence shortly. The systems will reduce Council's environmental impacts and energy costs.

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 is complete, formwork for decking and steps is well underway and concrete has been poured in various areas. Works around the central energy plant have received VicTrack signoff to complete the retaining wall works. Works are now well underway and are expected to be completed prior to Easter.

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 completed in Spring 2019.
Update	Set out and drainage works have been completed on site with surface finishes such as concrete and decking underway.

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. 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	Works have commenced on site with bulk earthworks happening in conjunction with the drainage reserve civil works.

¹ Staples M, calculated from the Non-Melanoma Skin Cancer Data 2002

² Armstrong Bruce K, "How sun exposure causes skin cancer: an epidemiological perspective" In Prevention of Skin Cancer. D Hill et al 2004 pp