
18 MAJOR PROJECTS REPORT

FILE REFERENCE INT2010968

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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 in progress. It includes an update on major projects, capital works, special charge schemes and asset management current at the time of this report.

CONCLUSION

This regular activity report is provided for Councillors' information.

Recreation Reserves

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 plants.
Funding	This project is jointly funded by Council and the Andrew's Foundation and is part of the Deep Creek Reserve.
Timelines	The nursery building has been in lock up stage since December 2019. The associated civil works should be completed by the end of February.
Update	Driveway works have been completed and ancillary works are currently being finalised. The Certificate of Occupancy for the Nursery is being finalised.

Pepi's Land Netball pavilion

Project description	Pavilion change room facility for the new netball courts providing home and away change/shower facilities, kitchen kiosk, and external amenities.
Funding	The project is funded by Council.
Timelines	This project is due for completion in December 2020. Please note that the use of the pavilion will be subject to the intersection of Beaconsfield/Emerald Road being finished.
Update	Building contractor has been appointed. Preliminary works being undertaken to enable contractor to commence works on site in February 2020.

Bunyip Recreation Reserve soccer pavilion

Project description	Construction of a new pavilion providing soccer and cricket activities.
Funding	Council and the Victorian Government's Building Better Regions Fund are jointly funding this project.
Timelines	This project is due for completion by March 2020.
Update	A practical completion assessment of the pavilion will be undertaken by the end of February 2020.

Worrell Recreation Reserve pavilion upgrade

Project description	Construction of a new pavilion for football and cricket, including a ground level gym for community use.
Funding	The project is fully funded by Council
Timelines	This project is due for completion March 2020.
Update	The facility is currently at fit out stage.

Lang Lang Community and Recreation Precinct pavilion

Project description	The construction of a major recreation and community precinct is being undertaken in partnership with the Lang Lang Community Bank. It will include sporting facilities for football, cricket and netball and multi-purpose community spaces.
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. Council has received \$1.5 million from the Australian Government's Building Better Regions Fund. Council and our partners have so far committed \$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 February 2020.
Update	A practical completion assessment of the pavilion will be undertaken by the end of February 2020.

Comely Banks Recreation Reserve pavilion

Project description	Construction of a new pavilion providing rugby, football, cricket, and bowls activities, social multi-purpose spaces, Kitchen / Kiosk and toilet facilities .
Funding	Council and the Victorian Government Growing Suburbs Fund jointly fund this project

Timelines	Pavilion construction is due to be completed in October 2020.
Update	Construction of the ground slab is continuing along with services to the site.

Koo Wee Rup Recreation Reserve football/cricket pavilion upgrade

Project description	Removal of existing change room facilities and construct new football/cricket change room facilities, gym, meeting and community rooms, male /female/assessable public toilets.
Funding	Council, the Victorian Government and the Australian Government (Building Better Regions Fund Program) are providing funding for this project.
Timelines	The project is due for completion by June 2021.
Update	The schematic documentation is complete and is moving into detail design phase, with further consultation with stakeholders to be undertaken.

Koo Wee Rup Recreation Reserve netball pavilion upgrade

Project description	Removal of existing netball change room facilities and construct new netball pavilion, providing home and away change, canteen, social room and office, public assessable toilets and unisex toilets.
Funding	Council and the Victorian Government are funding this project.
Timelines	The project is due for completion by June 2021.
Update	The schematic documentation is complete and is moving into detail design phase, with further consultation with stakeholders to be undertaken.

Koo Wee Rup Tennis Club upgrade

Project description	This project includes the construction of two new tennis courts, the refurbishment of the existing tennis courts, which include acrylic surfacing, improved lighting and shelters, and the conversion of the swimming clubroom to a 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 due to be completed by April 2020.
Update	The fit out and finish stage is underway.

Cora Lynn change room pavilion upgrade

Project description	Construction of new change rooms at Cora Lynn Recreation Reserve.
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Funding	This project is jointly funded by Council and the Victorian Government through Community Sports Infrastructure Loan Funding.
Timelines	Project is currently awaiting approval of the revised scope and loan amount before an appropriate timeline can be confirmed.
Update	The final concept scheme and revised cost estimate have been submitted to Victorian Government for Ministerial approval. Still waiting to hear back regarding Ministerial approval for the reduced scope and loan amount.

Beaconsfield Recreation Reserve (Perc Allison pavilion)

Project description	Upgrade of the existing change room pavilion to provide unisex change room facilities, umpires change rooms, first aid and strapping room, gym, time-keepers room and a spectator viewing area.
Funding	Council and the Victorian Government's Community Sports Infrastructure Fund jointly fund this project
Timelines	This project is due for completion November 2020.
Update	Schematic documentation stage is complete and has now moved to the detail design stage.

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, re-orientation, re-shaping and re-surfacing of the oval and the installation of subsurface drainage, irrigation and perimeter fence. A funding application was made to the Australian Government for ball catch- nets, lighting upgrades and to upgrade the proposed gravel footpaths to a concrete footpath, however it was unsuccessful.
Funding	This project is fully funded by Council.
Timelines	Couch was planted in early December 2019 and is currently in the establishment period. The duration of the establishment period will be dependant on growth and weather conditions.
Update	Couch grass was planted in December 2019 and it is currently in the establishment period.

Officer Recreation Reserve (Western) oval pavilion

Project description	Upgrade works to the existing pavilion providing female friendly amenities and provisions.
Funding	Council and the Victorian Government (Sports and Recreation Victoria) jointly fund this project.
Timelines	This project is due for completion in June 2020.
Update	Detailed design documentation is complete and tender documentation is being prepared.

Koo Wee Rup Secondary School pavilion

Project description	New pavilion for the upgraded football oval, providing unisex change room facilities, umpire change rooms, unisex amenities, canteen /kiosk, storage, cleaners' room and covered spectator area.
Funding	The project is funded by the Victorian Government (Victorian School Building Authority).
Timelines	This project is due for completion in July 2020.
Update	Revised schematic stage approved and progressing with detail design documentation.

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	Works are expected to be completed in early March 2020, the delay in the projects timelines is due to in excess of 30 wet weather days
Update	<p>Earthworks, drainage and irrigation to the Primary School oval are complete. The centre wicket and cricket practice areas have been poured and synthetic installation has been completed.</p> <p>Earthworks, drainage, irrigation, and the spoon drain to the Secondary School oval are complete. The bore is also complete and the irrigation tank installation has commenced.</p> <p>Sand is currently being placed to both ovals and sprigging will occur mid-February.</p>

Gembrook Recreation Reserve – football/cricket pavilion redevelopment

Project description	Redevelopment and extension of the existing football/cricket pavilion, providing unisex change rooms, umpire change rooms, accessible amenities, first aid, gym, additional social room and provide accessible servery areas. There is a minor upgrade to the existing kitchen and social room areas, reconfiguring of the kiosk
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servery counter, updating the spectator viewing lounge and time-keeper room at first floor level, providing lift access to first floor level.

Funding	Council and the Australian Government jointly fund this project.
Timelines	Works are due for completion February 2021.
Update	Building contractor awarded contract to commence site works in February 2020.

Toomuc Reserve Northern pavilion

Project description	Redevelopment of the ground floor area of the existing pavilion to provide netball change facilities with operable walls, umpire change rooms, and unisex amenities. Retrofit existing football/cricket change room amenities/umpire room amenities and modification of First Aid room.
Funding	Council, Sport Australia Community Sport Infrastructure Program and the Australian Government jointly fund this project.
Timelines	This project is due for completion May 2021.
Update	Concept design is progressing. Consultation with stakeholders took place in early February 2020.

Toomuc Reserve Southern pavilion and little athletics/baseball facility

Project description	<p>Redevelopment of the junior football and cricket pavilion to include:</p> <ul style="list-style-type: none"> • two sets of change rooms with unisex amenities, unisex accessible change room, accessible unisex public toilet, male and female public toilets, unisex umpires change room with operable wall • canteen/kiosk (servicing both ovals) and cool room • meeting space/office • internal and external storage • first aid room • social space and associated storage • external spectator viewing, and timekeepers room <p>Improvements to the existing little athletics and baseball facilities to upgrade of canteen, storage space, change rooms and amenities, first aid room, accessible public toilets and external covered viewing area.</p>
Funding	Council, the Australian Government and the Victorian Government's Sport & Recreation Victoria Fund jointly fund this project.
Timelines	This project is due for completion May 2021.
Update	Concept design is progressing. Consultation with stakeholders took place in early February 2020.

Roads

Kenilworth Avenue, Beaconsfield

Project description	<p>Construction of the unsealed Kenilworth Avenue in accordance with the Officer Structure Plan. The project is being delivered in two stages:</p> <p>Stage 1 is from Brunt Road to the Freeway overpass and is being delivered by the adjacent developer.</p> <p>Stage 2 is from the Freeway overpass to Coach House Lane and is being delivered by Council.</p>
Funding	This project is being funded through the Officer PSP Development Contribution Funds
Timelines	Both Stage 1 and 2 are to be completed by June 2020
Update	<p>Stage 1 works have had the first layer of asphalt laid before Christmas and the contractor has recommenced on site.</p> <p>Works on Stage 2 have begun and are expected to be completed by the June 2020.</p>

Princes Highway intersection upgrades

Project description	<p>Eight intersections along the Princess Highway between Beaconsfield and Pakenham have been identified for upgrading through the associated planning schemes. Upgrades identified include amendments to two existing signalised intersections as well as signalising six previously un-signalised intersections. All intersections have been highlighted for additional or extended turn lanes, additional through lanes, bus priority lanes, and shared cycle/pedestrian lanes.</p> <p>Initial progress will include the detailed design and approvals of these projects to inform the decision making process for subsequent construction and timing.</p> <p>Identified intersections include:</p> <ol style="list-style-type: none"> 1. Glismann Road 2. O'Neil Road 3. Brunt Road 4. Bayview Road 5. Tivendale Road 6. McMullen Road 7. Arena Parade 8. Thewlis Road
Funding	These projects are jointly funded by Developer Contributions and the Australian Government
Timelines	Works are schedule to be delivered over several stages beginning with works commencing on site in late 2020-early 2021 and completed by June 2024.
Update	Design works are currently underway with functional layout plans for all the intersections currently with the Department of Transport for approval. Detailed designs for O'Neil Roads and Glismann Road are due for completion by April 2020 with a proposed tender to take place prior to June. The remaining six design packages will be presented separately to Council for award by November 2020.

Connect Cardinia Stage 2

Project description	Council is investing funds to upgrade a number of strategic roads across the shire to improve transport connections. Approximately 25km of roads across the shire have been identified including:
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- McGregor Road, Soldiers Road and Hobsons Road, Pakenham/Rythdale
- Thewlis Road, Pakenham
- Armytage Road and LL Road, Officer
- Huxtable Road, Pakenham Upper
- Dore Road, Pakenham
- Bessie Creek Road, Nar Nar Goon North
- Evans Road, Bunyip
- Main Drain Road, Koo Wee Rup
- Boundary Drain Road, Koo Wee Rup
- Mount Lyall Road, Lang Lang East

Funding	These projects are fully funded by Council
Timelines	It is anticipated that the program will be complete early 2022.
Update	Boundary Drain Road, Main Drain Road & Evans Road are currently having the detailed designs finalised with tenders to be called in April. Detailed design for Bessie Creek Road and Huxtable Road have commenced. Quotes for the detailed design of Thewlis Road, LL and Armytage Roads and Dore Road are currently being evaluated.

2019-20 Reseal and rehabilitation 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 2020.
Update	<p>The annual reseal, rehabilitation programs for 2019–20 was presented at the November Council meeting and was endorsed by Council and contracts have been executed.</p> <p>Reseal and rehabilitation works have been commenced and programmed to complete by end of May.</p> <p>Road rehabilitation works include:</p> <ul style="list-style-type: none"> • two roundabouts on O'Neil Rd, Beacosfield • Tynong Bayles Road, Bayles • Seven Mile Road, Nar Nar Goon • Caldermeade Rd, Caldermeade • Redwood Road and Redwood Road service road, Gembrook will be reconstructed to make them safer. <p>More than 100 road segments are being resealed under this year's reseal program covering more than 50,000 m²</p>

Blackspot Project – Main Drain Road South

Project description	A 2.3km section of Main Drain Road South, Bunyip, from Bunyip Modella Road to 13 Mile Road, has been identified for blackspot works. The work includes installing guardrail along both sides of the road.
Funding	The Australian Government fully funds this project through their Black Spot Program.
Timelines	The project is due for completion by March 2020
Update	Works were delayed by 3 weeks due to unforeseen issues; guardrail installation is progressing, and proposed to be completed in March.

Blackspot Projects –2019–20 projects

Project description	<p>Council have been successful in obtaining funding for three Blackspot projects this year. The projects are:</p> <ol style="list-style-type: none"> 1. the installation of safety barriers and audio tactile edge line marking along Paternoster Road, Emerald between Emerald–Beaconsfield Road and Bailey Road 2. the installation of safety barriers, sealed shoulders and tree removal along Avon Road, Cockatoo/Avonsleigh between Woori Yallock Road and Kennedy Road 3. the installation of safety barriers, sealed shoulders, tree removals and audio tactile edge line marking along Bessie Creek Road, Nar Goon North between Seymour Road and Moore Road
Funding	These projects are fully funded by the Australian Government’s Blackspot Program.
Timelines	The project is due for completion mid-2020.
Update	Designs have been finalised. It is planned for these works to be advertised for tender by May 2020.

2019-20 Unsealed road re-sheeting program

Project description	The unsealed roads re-sheeting program is aimed to refurbish approximately 90 kilometres of unsealed roads throughout the shire. This project involves refurbishment of the road pavement and surface drainage, utilising in-situ materials as well as new crushed rock where required. These works are aimed at improving the road surface to enable greater longevity and an improved experience for road users.
Funding	The program is fully funded by Council.
Timelines	It is anticipated that the program will be completed by June 2020.
Update	This project has commenced, with 83 kilometres of roads refurbished to date.

Paths, drains and bridges

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 south bridge is due for completion by April 2020.
Update	The north bridge reconstruction is complete and bridge is now open. Works to the second bridge will commence early March, with completion of works forecast for early April. Fabrication of bridge components has commenced. Environmental impact assessments and cultural heritage investigations have concluded and recommendations are being incorporated into the project methodology.

Pepi's Land dam

Project description	A leak in the lower dam was discovered on 2 August 2019. The leak was slowly flowing out around the old irrigation pipe, located on the outside of the bottom of dam. Expert dam and hydraulic engineers advised to lower the depth of water in the dam by approximately 2m as an interim measure to reduce the risk of any further damage occurring. This has been done and it looks to have stopped any further deterioration. Reconstruction of lower dam at Pepi's land, Emerald.
Funding	This project is fully funded by Council
Timelines	Council are seeking to have an agreed solution to notify the community of and then for repair works to be implemented in 2020.
Update	Investigations are currently underway to determine best option for remediation of dam wall. Flora and fauna survey has been completed and will inform remediation design and controls of construction process A consultant has been engaged to undertake the design for the reconstruction of the dam wall.

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	<p>Input is still being sought from the Department of Transport regarding potential works at the Rossiter Road/Station Street intersection in Koo Wee Rup. Funding has been sought to modify the drainage layout of the intersection to enable it to drain more effectively in rainfall events.</p> <p>The initial drainage report for Suffolk Avenue has been completed. A full investigation and report is being undertaken with a designed solution to be developed based on the outcome of the detailed investigation report.</p> <p>Works in Caroline Avenue are due to begin in late February. There have been delays in gaining approval from the Cockatoo Primary School to establish a required easement on their land. All works excluding the school will go ahead immediately with a number of slight modifications; the section on school land will go ahead as soon as an agreement can be reached.</p> <p>Minor modifications of drainage in Second Avenue Cockatoo are set to be undertaken in the next month, these works aim to divert water currently flowing through a council reserve resulting in the flooding.</p> <p>In response to concerns from locals and threat to significant vegetation, a new outfall is being designed for the drainage outfall discharging onto 19 Glenvista Avenue, Emerald. The new outfall will be shifted north of the current outfall and will direct water away from significant vegetation, and privately owned land.</p>

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	The inspection of Council's entire footpath network was completed mid-2019 and the high priority paths were completed in November 2019 in line with the adopted Road Management Plan. Works are progressing on addressing defects on the highest priority issues.

2019-20 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 2019-20 are listed below:

Funding	The \$800,000 program is fully funded by Council through the footpath and pedestrian and bicycle strategy programs.	
Footpath location		Status
Leigh Dive, Pakenham (missing section across properties 51, 53 and 53A)		Completed
Belgrave-Gembrook Road, Avonsleigh (connect path to bus stop near Margaret Road)		Completed
High Street, Bunyip (south of roundabout with A'Beckett Road – missing link)		Completed
Fieldstone Boulevard, Beaconsfield (pram Crossings at Holm Park Road Intersection)		Completed
Malouf Court, Pakenham (end of Malouf Court to Henry Road)		Completed
Webster Way, Pakenham (existing path to bus stop opposite 104)		Completed
Kenilworth Avenue, Beaconsfield (approx. 120m north of Soldiers Road to station)		Completed
Belgrave Gembrook Road, Cockatoo (connect footpath to bus stop opposite Amphlett Avenue)		Completed
Slattery Place, Pakenham (Railway Avenue north for approx. 235m racecourse development)		Completed
Ahern Road, Pakenham (missing link outside No.118)		Completed
Old Princes Highway, Beaconsfield (Desmond Court to Princes Freeway off ramp signalised intersection-south side)		Awaiting DoT approval
Princes Highway, Pakenham (path from Racecourse Road north to Princes Highway to bus stop opposite Army Road)		Completed
Emerald-Beaconsfield Road, Emerald (opposite Kings Road to Crighton Road - east side)		Completed.
Neville Street, Cockatoo (in front of No. 22 creates a link from Alma Treloar Reserve		Completed
Princes Highway, Pakenham (connect bus stop between James Street and Henry Street to footpath network)		Completed
Ahern Road, Pakenham (from No.143 to No.165)		Completed
Rosebury Street, Lang Lang (Western Port Road to Carnarvon Street)		Completed

Kenilworth Avenue, Beaconsfield (Station Street west to Bus Stop)

Design options
under
consideration.

Windermere Boulevard, Pakenham (installation of flashing zebra
crossing)

Completed

Other capital projects

Hills Hub

Project description	The Hills Hub is 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, other stakeholders, and includes new public amenities. 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 in providing this 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) • Dandenong Ranges Community Bank Group (\$250,000).
Timelines	The Hills Hub is due for completion by February 2020.
Update	Project complete and ready for use. Official opening set 16 April 2020.

Operations Centre (and other Council facilities) solar electricity system

Project description	Installation of a solar electricity system on Council facilities that addresses impacts on our environment and best value return on investment.
Funding	This project is funded by Council.
Timelines	Installation is complete.
Update	A list of potential Council sites was identified and Hollins Children's Centre was chosen to receive a 40kW solar electricity system. The new solar system will save approximately \$8,000 in energy costs per annum. This provides a payback period on investment of around 6 years. The installation will also reduce greenhouse gas emissions by around 53 tonnes of CO ₂ e per annum, which is the same annual emissions from 13 cars on average.

Rix Road Integrated Children's Centre

Project description	Proposed new Children's Learning Centre.
Funding	The project is funded by Developer Contribution and the Victorian Government.
Timelines	This project is planned to open by January 2022.
Update	Schematic design is nearing completion.