

15 MAJOR PROJECTS REPORT

FILE REFERENCE INT1969014

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RECOMMENDATION

That Council note the report.

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

James Bathe Recreation Reserve civil works

Project Construction of two football/cricket ovals, netball courts and play description 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 the coming

weeks, when weather conditions improve which will complete the car park works. Application of the acrylic surfaces to the netball courts will

follow a number of weeks after the asphalt has been placed.

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 installed and lights are operational to oval 1.

The following elements are nearing completion:

- playspace works
- planting & landscaping
- 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

The following works associated with the building have been completed:

- fit outs including change room,
- tiling
- fit outs kitchen, social areas, electrical
- internal wall finishes painting
- Internal finishes joinery

The following works are in progress

- external paving and driveways
- · landscaping and seating

Deep Creek Reserve

Project description

Deep Creek Reserve is a 48-hectare Council 'greenfield' site, bounded by the Pakenham Golf Course to the North and the railway line to the south.

The development of this site will include new paths and car park, development of infrastructure (including a sustainable environment complex, including new golf club rooms, all abilities playground, indigenous plant nursery, wetland and education facilities, kick about area, car park and associated drainage) and Melbourne Water wetlands.

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

An official opening is currently being prepared for late October to activate the spaces.

Update

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 the site to complete some earthworks and minor footpath work around the building and this is underway and progressing.

Play garden: Complete. The site is on maintenance and will remain closed until work on the main building is completed and to allow an establishment period for the plants. Final play items will be installed prior to the opening of the reserve.

Landscape package: There is extensive detailed landscaping at this site to enable it to be Council's premium environment education site and for this reason, the landscaping has been split into a separate package.



The contractor is continuing with the landscaping and shaping works, with the balance of planting planned for the coming weeks.

Community and Education Centre: The new eco education building and golf club house is nearing completion in readiness for the opening. 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.

<u>Deep Creek Reserve - Nursery and Education Centre</u>

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

The following works have been completed:

- foundation / services risers
- concrete slab works
- steel framing for propagation shed
- power cabling to site

The following works are underway:

- steel framing for sales /training facility currently being erected
- steel cladding to propagation shed is currently being erected
- off-site manufacture of green houses

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:

- all in ground mains services
- concrete foundation works
- offsite structural steel work manufacture
- · concrete slab pour to pavilion area

The following works are in progress

- structural steel frame erection
- fixing framework for cladding detail

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

The following works have been completed:

- 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)
- storm water drainage connections
- rerouting sewer drainage connections

The following works are underway:

- structural steel erection (lower section)
- structural retaining wall detail pre upper floor slab pour

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

- pre-cast panel manufacture and erection
- steel framework
- anti-graffiti application
- concrete slab pour
- storm water drainage connection
- services conduit for scoreboard
- · staircase details to balcony areas

The following works have commenced

- roofing framework
- services rough in works
- roof covering
- balustrade detail

Regular discussions are being held with all user groups and stakeholders regarding the progress of civil and building projects and discussing future management options.



<u>Comely Banks Recreation Reserve – pavilion</u>

Project Construction of a new pavilion servicing rugby, football, cricket, bowls

description 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 required statutory approvals submitted. Tenders for this project

have been let and closed. A tender analysis and evaluation process is currently underway with the preparation of tender recommendation to

be submitted to council.

Koo Wee Rup Recreation Reserve football/cricket pavilion upgrades

Project Construct new football/cricket change rooms on the site of the existing

description 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:

draft concept plan submitted for user group /committee of management comment

 engagement regarding the draft concept plan with user groups and committee of management.

The following works are underway:

- appointment of a consultancy team
- progress with schematic design

Koo Wee Rup Recreation Reserve netball pavilion upgrades

Project Extend and upgrade the netball pavilion to provide home and away

description 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. 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.

The following works have been completed:

- final concept scheme submitted for user group / committee of management approval
- final scheme approved by user groups and committee of management

The following works are underway:

- statutory applications
- detail design and tender documentation preparation

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 Conversion of swimming clubroom to tennis club facility: the schematic

layout has been prepared and approval is 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

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 final concept scheme and revised cost estimate submitted to Victorian Government for ministerial approval for the reduced loan amount.

The following works are complete:

 draft concept plan submitted for user group /committee of management comment



The following works are underway:

- engagement regarding the draft concept plan with user groups and committee of management
- appointment of a consultancy team
- progress with schematic design

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

The oval has been sown with rye grass and this will be sprayed out in spring, once the temperature warms up to enable growth and it will be replaced with couch. A practical completion inspection has been undertaken and the as constructed drawings are currently being prepared.

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 After negotiations with the successful contractor, works commenced in

> July with works expected to be completed in December 2019 (pending a dry winter) however, due to the wet weather, the completion date will

be delayed.

Update Earthworks to the Primary School oval are 95 percent complete and the

drainage installation has commenced at the southern end. The centre

wicket is ready for concrete to be poured, weather pending.

Earthworks to the Secondary School oval are 50 percent complete. Due to recent wet weather, the contractor has been experiencing delays on

site.

Gembrook Leisure Park redevelopment

Project The construction of a new recreation reserve including a new skate description

park, playground, half court basketball / netball, shelters, BBQs and

open space. The public toilets will also receive an upgrade.

Funding This project is jointly funded by the Australian Government's Building

Better Regions Fund (\$500,000), the Victorian Government's Growing

Suburbs Fund (\$500,000) and Council.

Timelines Works are due for completion by early December 2019.

Update Works have commenced onsite with the complete demolition of the

site. Drainage works are underway.

Roads

Sealed road network

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 The annual reseal and rehabilitation programs for 2019–20 are currently under

development and tenders documents are being prepared with a report to Council

scheduled for November.

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 Federal Government fully funds this project through their Black Spot Program.

Timelines The project is due for completion by February 2020



Update

The original proposed completion date of December 2019 was unable to be achieved due to a delay in design caused by negotiations with Melbourne Water, whose land abuts the Council road reserve where guardrail is to be installed. Tenders were advertised on 24 August and close on 17 September. A report to Council recommending a preferred tenderer is to be submitted to Council's November meeting.

Blackspot Project - Paternoster Road

Project description Installation of profiled (audio tactile) edge lines along entire section of Paternoster

Road and installation of guardrail at two accident-prone locations identified as black

spots.

Funding The Federal Government fully funds this project through their Black Spot Program.

Timelines This project is complete.

Update Installation of guardrail and removal of several trees was undertaken in early

September, completing the blackspot requirements earlier than the proposed

December completion date.

Blackspot Projects - successful 2019-20 applications

Project description

Council have been successful in obtaining funding for three Blackspot projects this year. The projects are:

- The installation of safety barriers and audio tactile edge line marking along Paternoster Road, Emerald between Emerald - Beaconsfield Road and Bailey Road
- The installation of safety barriers, sealed shoulders and tree removal along Avon Road, Cockatoo 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 Nar Goon North between Seymour Road and Moore Road.

Funding The Federal Government fully funds this project through their Blackspot Program.

Timelines The project is due for completion mid-2020.

Update Funding applications are being finalised and designs are being completed.

Unsealed road network maintenance

Project description

Funding

Council maintains a large unsealed road network, which is 873 km in length. Maintenance works consist of both grading and re-sheeting 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.

Annual maintenance budget \$3.8 million

Update In the April-June quarter:

- 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 re-sheeting, 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 Replacement of outfall drainage pipe and reconstruction of Emerald

description Lake Park Road dam wall.

Funding The works are fully funded by Council.

Timelines This project is complete.

Update The dam wall downstream protection works, safety culvert grille and

guardrail along the dam wall are complete.

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 Designs are being finalised and the required approvals from the relevant authorities

are being sought. 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 by end of September.

Update Wet weather (particularly in July) has delayed this project. The bulk of the car park

construction has been completed, with some concreting and line marking proposed to be undertaken by the end of September, weather permitting. This will complete the

project.

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 A full inspection of Council's entire footpath network has just been completed and the

findings from these inspections has been compiled and prioritisation for the repair

works is ongoing.

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.

2019-20 New footpath program

Project Council's footpath program looks to extend the footpath network in and description around townships. The footpaths to be constructed in 2019-20 are:



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)	
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)	Completed
Webster Way, Pakenham (existing path to bus stop opposite 104)	Completed
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 racecourse development)	
Ahern Road, Pakenham (missing link outside No.118)	Completed
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)	Completed
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) (gravel)	
Kenilworth Avenue, Beaconsfield (Station Street west to Bus Stop)	



Windermere Boulevard, Pakenham (installation of flashing zebra crossing)

In progress

Funding

The \$800,000 program is fully funded by Council through the footpath

and pedestrian and bicycle strategy programs.

Update

Contractors commenced the construction of the footpath program in late August. Works have been delayed from progressing as planned due to wet poor weather. A number of paths, listed above, have been completed, with

construction of the remaining paths ongoing.

Tenders have been received and a contractor is being engaged to undertake the Windermere Boulevard, Pakenham (flashing zebra

crossing) works.

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. Approval from residents of two properties are still be sought in order to establish an easement key to the construction of the designed infrastructure.

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 Having reviewed the four proposed options to alleviate flooding within the intersection, one option has been identified as being both feasible and practical. Ownership of assets within the intersection is now being looked into to determine whether Council or VicRoads are best placed to undertake the works required.

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

Pepis land dam

Project description

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 this calendar year to notify the community of and then for repair works to be implemented in 2020.

Update

A leak in the lower dam was discovered on 2 August. 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. Investigations are currently underway to determine best option for remediation of dam wall.

Flora and fauna survey has been commissioned to inform remediation design and controls of construction process.

Other capital projects

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:

- 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 late October 2019.

Update

The following works are complete:

- external cladding detail to the perimeter of the building
- main stair access to first floor
- reception area/foyers
- art work support detail and lighting installation
- wall areas to men's shed
- toilet amenity fit out and tiling
- plaster board lining
- lift installation
- kitchen area fitout

The following works are underway:

- ground floor fit out
- fire tank installation works
- joinery fitout / reception area
- sound curtaining detail to the studio area



external paving

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.

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.

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 Park will be open by the end of September.

Update Landscape works are complete, but the developer is waiting on the large grass

area to get grass coverage before the site is open to the public. This will be by

the end of September.

Arcadia Neighbourhood 2 (NHO2) 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 by the end of October.

Update Works have been delayed by wet weather and access to the wetlands reserve.

The park will be unable to be opened until heavy construction machinery has

completed the works around the wetland due to safety concerns.